

VIRGINIA

ACCOMACK COUNTY COUNTY AGENT ANNUAL REPORT 1934

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WIN-8

REPORT FILES
OFFICE COOPERATIVE
EXTENSION WORK

ANNUAL NARRATIVE REPORT OF EXTENSION WORK

in

ACCOMACK COUNTY, VIRGINIA

1934

W. C. STONE

H. M. HIGGINS

COUNTY AGRICULTURAL AGENTS

GULEY - VIRGINIA

COUNTY AGENT ANNUAL REPORT

II.

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III.

PERSONAL REPORT SUMMARY

Days in office	151 $\frac{1}{2}$
Days in Field	157 $\frac{1}{2}$
Annual Leave	1
Legal Holidays	3
Farm and Home Visits	1655
Different Farm Visits	900
Office Calls	7542
Telephone Calls	7490
News Articles	341
Individual Letters	7315
Circular Letters	143
Copies Circulated	36936
Bulletins Distributed	705
Meetings Held or Attended	192
Attendance	13074

W. C. Strong, County Agent

SUMMARY FOR 1934
H. K. Nichols.

Days in field-----	175 $\frac{1}{2}$
Days in office-----	133 $\frac{1}{2}$
Days annual leave-----	1
Days sick leave-----	1 $\frac{1}{2}$
Legal Holidays-----	2 $\frac{1}{2}$
No. farm visits made-----	476
No. 4-H club dms. visited-----	260
Office visits-----	823
Telephone calls-----	392
News articles written-----	108
No. individual letters written-----	1751
No. circular letters prepared-----	25
Other meetings held-----	59
Attendance-----	3358
No. 4-H meetings attended-----	209
Miles traveled-----	13835

IV.

STATUS OF COUNTY EXTENSION ORGANIZATION

There were five full-time Extension workers in the County during 1934:

W. C. Strong, County Agricultural Agent

H. M. Nichols, Asst. County Agri. Agent

Mora Miller, Home Demonstration Agent

Ruth B. Parks, Secretary

Winnie C. Evans, Secretary

The Accomack County Board of Supervisors makes the County appropriation for Extension work. This board is composed of five men, representing the five magisterial districts.* These officers are elected for a period of four years by the vote of the people in their respective districts. However, the supervisors may succeed themselves. The present chairman has been on the Board for more than twenty years. The appropriation is made annually for the fiscal year beginning July 1. The first appropriation became effective October 1, 1929.

Accomack is an Indian word meaning "the other side of the water". The County is a part of the Del-Mar-Va Peninsula. It is separated from the main land of Virginia by the Chesapeake Bay. The County is bounded by Maryland on the north, the Atlantic Ocean on the east, Northampton County on the south, and the Chesapeake Bay on the west. Accomack and Northampton Counties are known as the "Eastern Shore of Virginia."

Accomack County is forty-five miles long and averages eight miles in width. The area is 506 sq. miles. The coast lines are irregular. Several creeks cut into the main land and provide water transportation routes. Several undeveloped beaches lie off the east coast. In addition to the main land, three islands are included in the political organization of the County.

The principal industries are farming and fishing. Potatoes, strawberries, and other truck crops are grown in abundance. Various kinds of salt-water fish are marketed from the Bay, Ocean, and Sounds.

The Pennsylvania Railroad, a paved highway, and a boat line on the Chesapeake Bay provide transportation of county products to northern markets.

* See accompanying map.

ACOBACK COUNTY COMMUNITIES



The County is divided into eleven natural communities. The Extension Sociologist and a committee of representative citizens with the County Agent analyzed the County and agreed on this division prior to 1929.* Nine of these are on the main land. Each includes from one to seven neighborhoods, usually with the high school as the center. However, the neighborhoods are very loosely bound to the community centers, and neighborhood loyalty is strong. The neighborhood centers are grammar schools or churches. Chincoteague Island is a community connected with the main land by a hard surface state road. Tangier lies fifteen miles from the main land and is inaccessible from the County. The only regular boat route to the island is from Crisfield Maryland.

The County Agricultural and Home Demonstration Advisory Board is an organization composed of community committees. There are 95 members on the Agricultural Advisory Board and 80 members on the Home Demonstration Advisory Board. The community chairmen of the Agricultural and Homemaking Board constitute the Executive Committee. This Committee meets quarterly. The Board holds an annual Achievement Program in November to summarize the year's activities and make the program for the coming year. The Agricultural and Homemaking Committees hold separate planning meetings.

The Board met on November 2, 1933, and the Agricultural Section adopted the following projects for 1934:

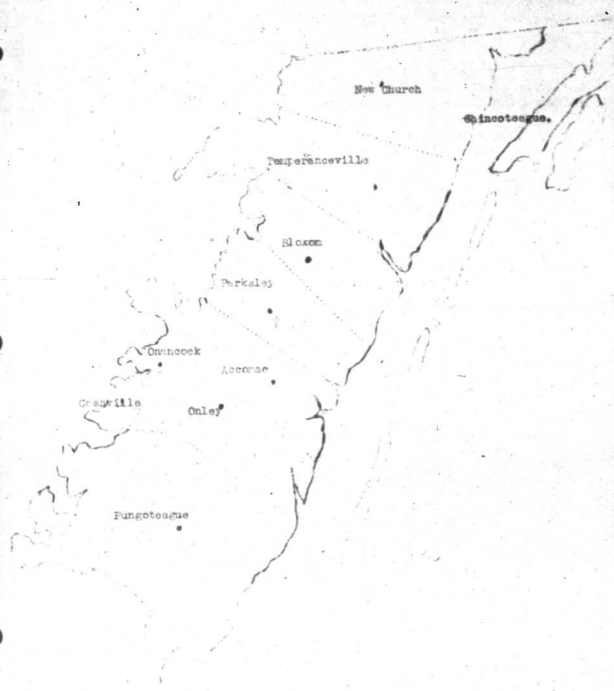
1. Irish potato improvement and acreage stabilization
2. Crop production credit
3. Farm records
4. Food, feed, and soil improvement crops
5. Sweet potato improvement
6. Livestock and poultry improvement
7. Insect control

At the Executive Committee meeting held January 12, 1934, the following officers were elected: Chairman, R. P. Paradise; Vice-Chairman, Mrs. V. S. Burton; Secretary, V. S. Deitrick.

The Committee held quarterly meetings through the year to check up on results and make plans for the future. The Board feels very grateful to E. L. Hummel, Extension Sociologist, V. P. L., and J. H. Quisenberry, District Agricultural Agent, for their interest and cooperation.

* see accompanying map.

ACCELRACK COUNTY COMMUNITIE



ACCOBACK COUNTY AGRICULTURAL ADVISORY BOARD
1934

NEW CHURCH COMMUNITY

Chr. S. P. Paradise New Church
E. R. Phillips "
F. A. Miles "
H. J. Tull "
M. G. Davis Waterville
J. W. Silverthorn New Church
D. R. Powell Greenbackville
Marris S. Hancock New Church
E. W. Levers "
J. F. Miles "
C. L. Mason "

ACCOBACK COMMUNITY

Chr. J. S. Mathias Greenbush
T. H. Nelson Accoack
A. J. Mason "
W. T. Watkinson Greenbush
L. Floyd Hook, Jr. Accoack
J. E. Gibb "
Stuart Parks "
L. Thorngood Nelson "
Will Daugherty Daugherty

CHLEY COMMUNITY

Chr. Fred F. Gore Chley
V. W. Phillips "
Fred T. James Halfa, RFD
Charles Burton "
W. H. Phillips "
C. T. Ayres "
G. C. Beasley Chescock, R.1

TEMPERANCEVILLE COMMUNITY

Chr. E. G. Taylor Temperanceville
A. J. Thornton Horway
D. F. Fletcher "
J. L. Taylor "
A. J. Gray Temperanceville
Edgar Killman Jenkins Bridge
T. H. Winder Atlantic
J. H. Hartman Assesman

CHESCOCK COMMUNITY

Chr. W. S. Nelson, Jr. Chescock
W. S. Nelson, Sr. "
T. R. Mears "
Oscar Parks "
S. E. Hinkle "
G. Fred Kelley "
J. E. Belote "
J. S. Gardner, Jr. "
J. W. Duncan "

BLAXON COMMUNITY

Chr. W. K. Young Blaxon
Perry W. Blaxon Pastor
Dr. J. W. Bowdoin Blaxon
H. G. Lewis Blaxon
H. L. Bundick Modest Town
H. W. Gillespie Blaxon
George H. Gaman Haysville
E. F. Weselle Blaxon
W. L. Blaxon "
W. H. Young " R. F. D.
W. W. Blaxon Modest Town
H. F. Mason Blaxon, R. F. D.

CASHVILLE COMMUNITY

Chr. J. R. Drummond All
Lawrence Kilmon Chescock
E. J. Gastis R.1
Payton Gardner
B. W. Parker
T. Frank Belote
L. G. Scott
T. L. Boggs
J. G. Hook

PARKSLEY COMMUNITY

Chr. V. S. Deitrick Parksley
D. F. White "
H. G. Hall "
J. M. Chandler "
J. W. Johnson "
U. S. Parks " R. F. D.
J. A. Middleton "
E. T. Russell Greenbush, R.F.D.
H. J. Grevonor Parksley
A. S. Ryrd Pasturic

PUNGOTRACUE COMMUNITY

Chr. G. C. Bonniwell Harborton
E. W. Benson Pungotracue
G. T. Sturgis "
W. R. Nicolls "

ADOCKMACK COUNTY AGRICULTURAL ADVISORY BOARD
1934

CENTRAL COMMUNITY

Chr. L. B. Johnson	Melfa
N. S. Wescott	Mappsburg
J. M. Bacon	Becks Beck
J. L. Turner	Painter
R. A. Turlington	Melfa
J. H. Duer	Painter
A. Dunham	"
C. E. Nicolls	Keller
W. C. Cullen, Jr.	Mappsburg
I. D. Northan, Jr.	Keller
H. E. Meers	"
F. H. Lord	Belle Haven
C. B. Davis	Craddockville
G. W. Kellan	"
J. E. Drummond	"
W. B. Broughton	Nandus

The Executive Committee recommended the following agricultural policy for Adcock County at its meeting in January, 1934, which policy is practically the same as that recommended for 1933:

AGRICULTURAL POLICY FOR ADCKOCK COUNTY

- I. Irish Potatoes
 - a. Plant not over 25% of crop acres.
 - b. Eliminate fall crop in areas heavily infested with tuber moth.
 - c. Emphasize fall crop in extreme northern portion.
- II. Plant sufficient feed and soil improvement crops, including legumes, for farm needs.
- III. Sweet Potatoes
 - a. Plant Big Stems for early harvest.
 - b. Plant Little Stems and Tams for late harvest and storage.
 - c. Judiciously handle grade, and pack.
- IV. Plant sufficient wheat and rye for grain to meet livestock and soil improvement requirements.
- V. Stabilize production of miscellaneous truck crops.
- VI. Crop rotation, providing adequate acreage for cash, soil improvement, and feed crops.
- VII. Fertilizing and liming practices which will provide proper nutrient conditions for maximum plant growth.
- VIII. Farm poultry flock for family needs, with some to sell, with improvement in breeding, feeding, and housing methods.
- IX. A cow on every farm and increased production of dairy heifers for sale to dairy sections.
- X. An adequate number of hogs to supply home needs and utilize waste products.
- XI. Regulate turkey production to conform to market demands.
- XII. Farm records and cost accounts sufficient to provide accurate information on cost of production and efficient management practices.
- XIII. Each farm a home as well as a business, providing not only food, shelter, and the basic necessities of life, but a congenial environment and a sane appreciation of life values.

In addition to the above, the Committee recommended that an economy program on every farm be stressed.

The following suggestions to farmers and bankers were discussed and passed on:

1. That the farmer take an inventory and file a credit statement with his bank.
2. Talk over plans with banker and County Agricultural Agents.
3. Pay cash and get discount.
4. Go to bank first for credit.
5. Be more prompt in taking care of credit.
6. Work as though to live forever and live as though today were the last.
7. Bankers insist on credit statement from every farmer.
8. Have some one in bank who is in touch with agricultural conditions.
9. Accept farm credit statement whenever worthy.

The general policy of the Extension organization has been to coordinate its activities and have the local Agricultural Committees function through local community associations. In this way it has been possible to get the agricultural work before more of the people and at the same time help local community organizations conduct a broad and all-inclusive program.

There are eighteen community leagues in Accomack County, and in most cases the local agricultural committee coordinates its program with the largest and most central standard community league in its subdivision of the County.

The Advisory Board makes a special effort to foster cooperative marketing and lend any assistance possible to the local cooperative marketing organization.

The County Extension force was especially active during December, 1933, and January, 1934, in organizing the local Production Credit Association and cooperated with the local branch of the Bank for Cooperatives. As a result of their activities and interest on the part of

farmers, nearly \$1,500,000.00 was loaned on the Eastern Shore through the two above-mentioned sources. In addition to this, \$11,500.00 was borrowed in Accomack County through the Emergency Crop Loan Office. This money, in the form of cash, coming into this area enabled the growers to take advantage of cash discounts which made their losses less than they would have been if all advances had been on the time basis.

V.

PROGRAM OF WORK

Plan of Work and Achievements

Adult Work

I. Agronomy

(a) Soil Improvement

1. Encourage use of summer and winter cover crops
2. Conservation of farmyard manure, and artificial decomposition by use of chemicals
3. Use of lime after testing soil

Achievements

1. Many news articles, circular letters, meetings & farm visits.
2. Boyce Thompson Inst. and American Cyanamid Co. furnished materials and cooperated.
3. Tested several hundred samples.

II. Farm Crops

(a) Diversity

1. Encourage safe farming program
2. Production of food and feed sufficient for farm needs

1 & 2 included above

(b) Irish Potatoes

1. Source of seed demonstrations
2. Fertilizer placement demonstrations
3. Conduct Potato Field Day and Tour
4. Insect and disease control

1. Plats on 4 farms
2. Several fertilizer placement demonstrations resulting in some farmers purchasing new equipment. Average yield increase 5 bbls per acre.
3. Well attended. Details on subsequent pages.
4. Disseminated much information. Conducted many flea beetle control tests.

(c) Sweet Potatoes

1. Variety, seed selection, seed treatment, sanitation, proper bedding, crop rotation, disease control, demonstrations and publicity
2. Proper handling, grading, and packing.
3. Harvesting and storage

1, 2, and 3: Much aid and information given through local press, circular letters, meetings, personal visits, etc.

(d) Corn

1. Have early field for seed purposes
2. Seed selection and treatment
3. Cut whole stalk, husk, and shred
4. Corn stalk borer demonstrations

1, 2, 3 & 4: Much information given through press, circular letters, meetings, etc., special emphasis being given concerning European corn borer. All late potato corn severely damaged by European corn borer, ear worm, and fall Army worm.

- | | | | |
|--|----------------|--|--|
| (e) Strawberries | | <u>Achievements</u> | |
| 1. Variety tests | | 1, 2, 3, & 4; Variety tests continued; Fertilizer recommen- | |
| 2. Apply fertilizer in late summer and early fall | | dation continued; much information disseminated concerning mulch, insect control, etc. | |
| 3. Mulching demonstrations | | | |
| 4. Insect control | | | |
| (f) Onions | | | |
| 1. Encourage use of lime | | 1. Tested many fields | |
| 2. Emphasize importance of organic matter | | 2. Continued | |
| 3. Investigate wet growing | | 3. Nothing done | |
| 4. Disease and insect control | | 4. Sets in fields examined; recommendations made | |
| 5. Encourage proper harvesting, grading, and packing | | 5. Cooperated | |
| (g) Beans (Snap and Fardhooks) | | | |
| 1. Insect control | | 1. Conducted many tests and gave out much information concerning new control measures | |
| 2. Fertilizer placement | | 2. Conducted test in cooperation with Bureau of Chemistry & Soils | |
| (h) Tomatoes | | | |
| 1. Variety tests | | 1. Tested 17 brands | |
| 2. Insect and disease control | | 2 & 3: Made recommendations. | |
| 3. Proper use of fertilizer and lime | | | |
| (i) Miscellaneous Crops | | | |
| Peppers | Wheat | Soy Beans | Much more miscellaneous crops were grown in 1934 than ever before. All encouragement and information possible given in this connection |
| Oats | Cowpeas | Lespedeza | |
| Sweet clover | | | |
| Alfalfa | Crimson Clover | | |
| Peanuts | Red Clover | | |
| | | | |

III. Horticulture

Much publicity of all forms was given, including V. P. I. Spray Service information.

- (a) Tree Fruits
1. Encourage planting of fruits for successive ripening
- (b) Bush or Small Fruits
1. Encourage planting of fruits for successive ripening
 2. Encourage more planting, special attention to be given to dewberries
 3. Culture, pruning, and spraying

III. Horticulture

Achievements

- (c) Home Gardens
1. Year-round gardens
- (d) Landscape Gardening
1. Encourage beautification of home and public grounds
- (e) Nut Culture
1. Encourage planting of pecans and walnuts for home use
- a, b, c, d, e: All information and service possible given concerning each.

IV. Forestry

1. Encourage good forestry practices Publicity and suggestions given

V. Livestock

- (a) Purebred Sire Project Assisted many breeders and dairymen with their problems. Cooperated with State Department in TB and Bang's Disease Control Work, resulting in nearly every herd being tested and several accredited.
- (b) Miscellaneous Purebred Work
1. Encourage exhibits at County and State Fairs
2. Cooperate in TB and blood testing
- (c) Dairying
1. Encourage farmers to keep at least two good cows per family
2. Encourage dairymen to keep milk records
- (d) Beef Cattle
- (e) Swine
1. Hog cholera control
2. Purebred sires
3. Disease and parasite control
4. Cooperate in Hog Reduction Program
- (f) Sheep
1. More yard and waste land flocks
2. Disease and parasite control
3. Purebred sires
4. Proper handling and preparation of wool for market, especially through Wool Pool
2. Assisted several dairymen
- Gave much time and attention to this project, especially with hog cholera control and hog reduction program.
- Gave out much information and assisted many growers in disease and parasite control and encouraged flock owners to market through National Wool Pool
3. Cooperated with Maryland in Lam Sale

(g) Poultry

1. Encourage better management, housing, breeding, feeding, and culling
2. Sanitation; disease and parasite control
3. Encourage exhibits at County Fair

Achievements

Much information given to flock owners. Circular letters, news, farm visits, etc.

VI. Agricultural Engineering

1. Farm building service
2. Land drainage
3. Irrigation
4. Storage house construction
5. Water systems
6. Sewage disposal
7. Farm machinery

Very little activity along this line due to economic conditions.

VII. Agricultural Economics

1. Work with and through Agricultural Committees in local Community Organizations
2. Encourage cooperative buying and selling
3. Encourage better farm management
- *4. Farm records and accounts
5. Cooperate with A. A. A.
6. Encourage farmers to take advantage of production credit through local F. C. A.
7. Explain to farmers plan for refinancing farm mortgages through Federal Land Bank

Much time spent on this project in cooperation with V. F. I. Specialists, special attention being given to A. A. A. and F. C. A. activities.

*See following page for Potato Account Keepers.

POTATO ACCOUNT KEEPERS

Accomack Co.

1934

1. T. M. Belote, Melfa, Va.
2. G. C. Galby, Melfa, Va.
3. J. W. Coard, Lee Mount, Va.
4. Fred Core, Onley, Va.
5. E. T. Parks, Parkaley, Va.
6. F. F. Beasley, Onancock, Va.
7. E. T. Baker, Gargatha, Va.
8. M. J. Bundick, Painter, Va.
9. G. P. Belote, RFD, Onancock, Va.
10. Henry Powell, Onancock, Va.
11. L. G. Vincent, Tsaaley, Va.
12. G. C. Beasley, RFD, Onancock, Va.
13. R. W. Taylor, Painter, Va.
14. G. C. Chandler, Painter, Va.
15. A.D. Lilliston, Daugherty, Va.
16. E. H. Kilnash, Jenkins Bridge, Va.
17. John Boggs, Onley, Va.
18. T. Frank Belote, Onancock, Va.
19. W. T. Fleming, Painter, Va.
20. W. H. Scarborough, Painter, Va.
21. F. E. Matthews, Parkaley, Va.
22. H. W. Benson, Pungoteague, Va.
23. M. F. White, Onley, Va.
24. M. W. Mason, Melfa, Va.
25. Herbert Paradise, New Church, Va.
26. V. W. Phillips, Onley, Va.
27. Perry W. Blaxon, Pastorica, Va.
28. H. S. Libis, Painter, Va.
29. M. S. Hancock, New Church, Va.
30. A. T. Wise, Craddockville, Va.
31. W. H. Powell, Hallwood, Va.
32. J. L. Turner, Painter, Va.

Project Activities and Results

Soils:

Growers throughout the County are beginning to realize more and more the value of proper care and management of their soils. This is manifested by increasing requests for soil tests for the determination of lime requirement and other plant food elements. More and better cover crops are being grown in an effort to add organic matter to the soils. It is being realized that in order to get the best results from commercial fertilizers, soils should have the proper pH and contain a liberal amount of organic matter to support the micro-organisms necessary to make plant food available to the crop.

Much credit is due Dr. J. B. Hester, Soil Technologist of the Virginia Truck Experiment Station, Dr. G. V. C. Houghland, of the Bureau of Chemistry and Soils, and others for their valuable service and advice in testing soils and making recommendations.

The Virginia Truck Experiment Station has made and is conducting a number of experiments on the production of artificial manure, using pine shatters as the main material. Dr. M. M. McCool, of the Boyce Thompson Institute, and M. V. Bailey, of the American Cyanamid Company, have furnished Cyanamid and Superphosphate for a large commercial scale demonstration or test in an effort to hasten the decay of pine needles. One half of the pound at the Eastern Shore Branch of the Virginia Truck Experiment Station has been treated with a mixture of about half and half Cyanamid and Superphosphate as the pound was being filled during the fall and winter of 1934. In addition to this, a compost heap was made up of about 7,000 pounds of dry pine shatters, a little wood mold, and a little fresh stable manure. As the pile was built up, it was thoroughly wet and treated with 75 pounds of Cyanamid and 100 pounds of superphosphate. The following three types of material will be tested on the 1935 potato crop: (1) treated pound; (2) untreated pound; (3) artificial compost.

See soil test blank on following page.

REPORT FROM SOILS LABORATORY, VIRGINIA TRUCK EXPERIMENT STATION NORFOLK, VIRGINIA

Name _____ Date Sampled _____

Address _____

SAMPLE	FIELD	NEXT CROP	TOPOGRAPHY	DRAINAGE
1	_____	_____	_____	_____
2	_____	_____	_____	_____
3	_____	_____	_____	_____
4	_____	_____	_____	_____
5	_____	_____	_____	_____
6	_____	_____	_____	_____

FIELD HISTORY

SAMPLE	DATE LAST LIMED	POUNDS PER ACRE	KIND OF LIME	LAST TESTED pH
1	_____	_____	_____	_____
2	_____	_____	_____	_____
3	_____	_____	_____	_____
4	_____	_____	_____	_____
5	_____	_____	_____	_____
6	_____	_____	_____	_____

SAMPLE	DATE FERTILIZED	POUNDS PER ACRE	FORMULA N-P-K	MANURE POUNDS PER ACRE
1	_____	_____	_____	_____
2	_____	_____	_____	_____
3	_____	_____	_____	_____
4	_____	_____	_____	_____
5	_____	_____	_____	_____
6	_____	_____	_____	_____

SOIL REPORT

SAMPLE	pH	LIME RECOMMENDED LBS. PER ACRE	PHOSPHORUS	AVAILABLE		MAGNESIUM
				POTASH	AMMONIA	
1	_____	_____	_____	_____	_____	_____
2	_____	_____	_____	_____	_____	_____
3	_____	_____	_____	_____	_____	_____
4	_____	_____	_____	_____	_____	_____
5	_____	_____	_____	_____	_____	_____
6	_____	_____	_____	_____	_____	_____

Notes: _____

Date _____

DIRECTIONS FOR LIMING

GROUPING OF VEGETABLES ACCORDING TO LOWER RANGES OF SOIL REACTION FOR OPTIMUM GROWTH

pH 5.0—Strongly Acid

Tomatoes
Sweet Potatoes
Watermelons
Potatoes

pH 5.5—Medium Acid

Snap Beans
Lima Beans
Carrots
Cabbage
Collards
Cucumbers
Eggplant
Kale
Mustard
Parsnips
Squash
Pumpkins
Turnips
Radishes

pH 6.0—Slightly Acid

Asparagus
Beets
Brussels Sprouts
Cauliflower
Celery
Cantaloupes
Leks
Onions
Peas
Spinach
Swiss Chard

Soil reaction should not exceed pH 6.5 for vegetable crops

LIMING RECOMMENDATIONS FOR SOILS IN EASTERN VIRGINIA

Pounds of CaO or MgO per Acre to Change Soils*

	Light	Sandy Loam	Loamy Soil
From pH 5.5 to pH 6.5	1500	2000	3000
From pH 4.5 to pH 5.5	1000	1500	2000

*If soils have a high organic content, more lime will be required to change the reaction than is indicated in the table.

NOTE: Limestone runs about 50 to 56 per cent CaO, or CaO/MgO; hydrated burnt oyster shell runs about 56 per cent CaO and best grades of hydrated 70 to 80 per cent CaO, or CaO/MgO.

To calculate quantity of lime to use on a soil, the following example may be used:

$$\frac{100}{\text{Per cent CaO/MgO}} \times \text{Quantity indicated in table}$$

For example: To change a sandy loam soil from pH 4.5 to pH 5.5, using hydrated burnt oyster shell lime, we have

$$\frac{100}{56} \times 1500 = 2678 \text{ pounds per acre}$$

The fineness to which a liming material is ground and the thoroughness with which it is mixed with the soil governs the rapidity with which it acts with the soil. For quick results, limestone should be ground so finely that 80 per cent will pass through an 100-mesh screen.

DIRECTIONS FOR SAMPLING SOIL

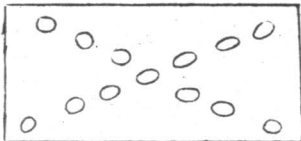
The accepted method for sampling soil is with a soil auger. However, where only a small number of samples are to be taken a small trowel or garden tool will serve the purpose. The sample should be representative of the area in question. A small slice of soil from the 1-6 inch depth from as many as 10 to 20 places in the field should be thoroughly mixed and as much as a teaspoon furnished for the analysis.

DIRECTIONS FOR TAKING SOIL SAMPLES

By

W. C. Strong, County Agent, Onley, Virginia

1. Sink a trowel or spade four or five inches into the ground and throw the soil to one side.
2. Take a thin slice of soil from the side of the hole just made, getting a uniform amount of soil on the trowel from the surface to the bottom of the hole. Put this soil in a bucket or other container for carrying.
3. Take samples at intervals diagonally across the field or area as indicated in the sketch at bottom of page and place the soil in the same container.
4. Thoroughly mix this composite sample of the soil, then take out about a teaspoonful of soil which will represent the average of the field or area.
5. Take samples from different fields, plots, garden, or lawn which have received different treatment in the past or are likely to be in different condition. For sampling large fields divide into areas not to exceed five acres each.
6. Number or otherwise mark each sample for identification.
7. Please give the following information concerning each sample:
 - a. High, low, sandy or heavy _____ b. Area _____
 - c. Kind of lime you expect to use _____
 - d. Previous crop and condition _____
 - e. Next crop _____
8. DO NOT TAKE SAMPLE SOON AFTER HEAVY RAIN.
9. Take or send sample to my office at the Eastern Shore Experiment Station, Onley, Virginia. There is no charge for this service.



5-p.

COOPERATIVE EXTENSION WORK
IN
AGRICULTURE AND HOME ECONOMICS
STATE OF VIRGINIA

VIRGINIA AGRICULTURAL AND MECHANICAL
COLLEGE AND POLYTECHNIC INSTITUTE
AND UNITED STATES DEPARTMENT OF
AGRICULTURE, COOPERATORS

EXTENSION SERVICE
COUNTY AGENT WORK

Onley, Virginia
January 10, 1934

Dear Sir:

I am enclosing herewith the results of the examination of a series of soil samples from the flooded area along our Seaside. These samples were analyzed on December 22, 1933. We did not have time to get samples from all of the farms along the Seaside which we had been testing before but tried to get a representative number which will give you a good idea of the way the salt is clearing up in the soil.

You will note that practically all of the samples show a great decrease in salt content and only a few of them show salt enough to do any harm. These are Numbers 2, 3, 6, and 8. Samples No. 9, 13, and 14 show a little over 0.1% of soluble salts, and if these soils dry out materially more salt may come to the surface.

We are planning to take another series of samples before planting time, that is, sometime in February. If you have any fields you are especially interested in having tested, kindly advise or bring samples to this office and we will have them analyzed for you.

Very truly yours,

W. C. Strong
W. C. Strong, County Agent.

WCS-p
Enc.

- 21 -
 Results of Examinations of Soils Flooded by Salt Water
 Analysis Dec. 22, 1933

<u>Farm</u>	<u>Depth</u>	<u>NaCl (Soluble Salts)</u>	<u>ME</u>
1. J. E. Willis Wechaproague, Virginia	0-6	.088	5.7
	6-12	.033	6.0
2. J. E. Willis Wechaproague, Virginia	0-6	.250	5.2
	6-12	.100	4.9
3. George Cutler (Beans) Wechaproague, Virginia	0-6	.240	4.9
	6-12	.110	5.05
4. Mrs. Frank Finney Wechaproague, Virginia	0-6	.033	4.9
	6-12	.009	4.8
5. W. P. Goffigon - Flooded Wechaproague, Virginia	0-6	.061	5.2
	6-12	.042	5.1
6. Charles Nicolls (Beans) Quinby Farm, Broadwater, Virginia	0-6	.220	4.6
	6-12	.066	4.5
7. W. N. Leasto (Beans) Panross Farm, Quinby, Virginia	0-6	.066	5.05
	6-12	.023	4.95
8. L. F. Nock (Sweet Potatoes) Quinby, Virginia	0-6	.180	4.7
	6-12	.230	4.5
9. L. F. Nock (Corn and seedling in rye, growing) Quinby, Virginia	0-6	.150	4.35
	6-12	.028	4.6
10. F. Savage - W. B. Mapp (Sweet Potatoes) Quinby, Virginia	0-6	.056	4.9
	6-12	.019	5.2
11. F. Savage - W. B. Mapp (Corn) Quinby, Virginia	0-6	.051	5.05
	6-12	.042	5.1
12. Mason Bros. (Snaps in Glade) Accomac, Virginia (Cropperville)	0-6	.038	4.6
	6-12	.023	4.3
13. Mason Bros. Accomac, Virginia (Cropperville)	0-6	.110	5.05
	6-12	.066	5.3
14. Jill Bros. (Smith Farm) Onley, Virginia	0-6	.110	4.9
	6-12	.019	4.8
15. Jill Bros. (Ravenwood Farm) Onley, Virginia	0-6	.066	5.5
	6-12	.019	5.7
16. H. Barnes (Barns - east of house) Accomac, Virginia (Bailey's Neck)	0-6	.033	4.8
	6-12	.047	4.7
17. Roy D. White Accomac, Virginia	0-6	.009	5.55
	6-12	.042	5.7
18. H. P. Barnes (Flooded March, 1932) Onancock, R. F. D. 1	0-6	.009	5.7
	6-12	.004	5.2

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**COOPERATIVE EXTENSION WORK
IN
AGRICULTURE AND HOME ECONOMICS
STATE OF VIRGINIA**

UNITED STATES DEPARTMENT OF AGRICULTURE
BUREAU OF EXTENSION SERVICE
AND UNITED STATES DEPARTMENT OF
AGRICULTURE, COOPERATIVE

EXTENSION SERVICE
COUNTY AGENT WORK

Onley, Virginia
January 9, 1934

RE: SOIL-TESTING MEETING - JANUARY 16, 1934

Dear Sir:

There will be a soil-testing meeting at Cashville on January 16, 1934, beginning at 2.00 p. m. This meeting will be held in the school house.

If you are planning to plant onions this year you should by all means bring samples of your soil to the meeting and have them tested for onions require very sweet soil and it is probable that your land would be greatly improved by the application of lime. This meeting is being held at the request of the Eastern Shore Cooperative Onion Growers' Association and there will be no charge for the tests made. Mr. Kenneth Hankinson, of the Quality Lime Institute, will test the soil with his electrical equipment. His method of testing soil is very accurate and we are fortunate in securing his services.

No matter what you intend to plant - onions, Irish potatoes, beans, or other truck crops - you are urged to bring samples of soil to the meeting and have them tested.

It would be well for you to observe the following suggestions in taking your samples: (1) Sink a trowel or spade four or five inches into the ground and throw the soil to one side. (2) Take a thin slice of soil from the side of the hole just made, getting a uniform amount of soil on the trowel from the surface to the bottom of the hole. Put this soil into a bucket or other container for carrying. (3) Take samples at intervals diagonally across the field or area and place the soil in the same container. (4) Thoroughly mix this composite sample of soil, then take out about a teaspoonful of soil which will represent the average of the field or area. (5) Do not let one sample represent more than 5 acres.

Very truly yours,


W. O. Strong, County Agent.

WOS-p

P. S. If for any reason you are unable to bring or send your samples to the Cashville meeting, if you will see that they reach my office at the Experiment Station, Onley, Virginia, by Wednesday morning, January 17, Mr. Hankinson will test them while he is in the County.

COOPERATIVE EXTENSION WORK
IN
AGRICULTURE AND HOME ECONOMICS
STATE OF VIRGINIA

UNITED STATES DEPARTMENT OF AGRICULTURE
BUREAU OF EXTENSION
AND UNITED STATES DEPARTMENT OF
AGRICULTURE, COLLEGE OF

EXTENSION SERVICE
COUNTY AGENT WORK

Onley, Virginia
October 6, 1934

Dear Sir:

Soil reaction seems to be one of the major limiting factors in this County to profitable crop yields.

Therefore, the Virginia Truck Experiment Station has specialized during the past few years in a careful study of our soils with reference to vegetable crop production. The Experiment Station has one of the best equipped laboratories in the east and well-trained soils specialists. During the past few years, Dr. J. B. Hester, Soils Specialist of the Experiment Station, has analyzed thousands of samples of our soils, and he has summarized his work in the enclosed bulletin, No. 82. You should be interested in studying this bulletin, and pass the information it contains on to your neighbors.

After reading the bulletin, you will be more impressed than ever before with the importance of carefully taking soil samples. On page 1132 is a brief description of the proper method of obtaining soil samples, and the information necessary to be given concerning the samples to be tested.

If you desire at any time to have your soil tested, and will bring or send samples to this office, we shall be very glad to have the work done for you, without charge.

Yours for more productive soils.

W. C. Strong

W. C. Strong, County Agent.

WCE-p

Enc., Bul. 82, VTES.

Farm Crops:

(a) Diversity

Every effort possible was made to encourage farmers throughout the County to adopt and practice safe farming program, special emphasis being given to the production of food and feed crops sufficient for the family and farm needs. As a result, there was a noticeable increase in the production of food and feed crops and from present indications it appears that this practice is becoming well established.

(b) Irish Potatoes

Seed Source Plots Four very interesting source-of-seed demonstration plots were planted, in which about 21 of the leading strains of Irish Cobblers were tested; and in connection with this test the following new varieties were tested: Establin, Golden, Chippewa, and a number of unnamed seedlings. (On following pages will be found report on these plots.)

Fertilizer Placement Various methods of placing fertilizer were again tested, special emphasis being given to the position two inches away from the seed-piece and on about the same level. A new Iron Age potato planter was obtained and used on a number of farms with very satisfactory results. At the Eastern Shore Branch of the Virginia Truck Experiment Station a large experiment was conducted in cooperation with the Bureau of Agricultural Engineering and the Bureau of Chemistry and Soils. In this test fertilizer was used in 8 different positions. (See Potato Field Day Program). The results of this experiment were studied and explained during the Potato Field Day Program. The following is a paper and summary prepared and presented at the National Fertilizer Association Meeting in Washington, D. C., in November, 1934:

FERTILIZER PLACEMENT STUDIES WITH POTATOES IN VIRGINIA

Discussion of 1934 Results

By G. V. C. Houghland⁽¹⁾ and W. C. Strong⁽²⁾

The cooperative fertilizer placement experiment in Virginia was conducted as the Eastern Shore Branch of the Virginia Truck Experiment Station on the same field used in 1933. After the 1933 potato crop was harvested the field was sown to sorghum which was plowed under to be followed with a cover crop of rye, which was in turn plowed under in the spring of 1934.

PLANTING DETAILS

On account of snow and early spring rains in the middle of March, planting was delayed about three weeks, making the planting date April 6 this year instead of the middle of March, as usual. At the time of planting, the soil was wetter than usual but not wet enough to interfere with the operation of the fertilizer distributor attachment on the planter. The rows were spaced 30 inches apart as usual and the planter adjusted to drop the seed 1 3/4 inches in the row.

DESCRIPTION OF THE EXPERIMENT

No changes were made in the fertilizer placements this year. The fertilizer mixtures used were also the same as for 1933, the single-strength 6-6-6 being applied at 2000 pounds per acre and the double-strength 12-12-10 at the rate of 1000 pounds per acre, both analyses being on the nitrogen basis.

Fisher's randomized block arrangement was used in preparing the field lay-out and the results were interpreted by analysis of variance.

The rows were approximately 440 feet long, single-row plots, but only 200 feet were used for stand counts and yields in order to avoid irregularities at each end of the field.

EMERGENCE COUNTS

The first emergence counts were made on May 5, 30 days after planting. The results of these counts indicated a distinctly faster emergence of sprouts on all the side placement plots. These results are in line with those obtained in 1932 but in 1933 the emergence was about the same for all placements. Counts were made again on June 6, 60 days after planting, but by this time the difference existing 30 days after planting had practically disappeared.

(1) Associate Soil Technologist, Bureau of Plant Industry, U. S. D. A.

(2) County Agent, Accomack County, Virginia

Fertilizer Placement Studies With Potatoes, Cont'd.

It is very likely that the variation observed in the rate of emergence of the sprouts from year to year was due largely to the amount of moisture in the soil before and after planting.

WEATHER CONDITIONS

The rainfall at Onley, Va., during the month of March, 1934, amounted to 6.55 inches, which represents an increase of more than 4 inches precipitation over the same month for 1933. In addition, lower temperatures than usual prevailed during March, 1934.

The month of April was somewhat drier than the same month in 1933, but was slightly warmer. The precipitation for this month in 1934 amounted to 2.06 inches as compared with 3.60 inches for April, 1933. However, the reserve moisture in the soil resulting from the heavy rainfall in March augmented the monthly rainfall to such an extent that there was no lack of moisture at any time during the month.

The month of May, in 1934, was somewhat warmer and wetter than usual, the rainfall for the month being 8.03 inches as compared with 5.93 inches for May, 1933. June likewise was much warmer and wetter than the month of June, 1933, the rainfall for the two months being 3.82 inches and 1.34 inches, respectively.

Summarizing the weather conditions during the critical part of the growing season for 1934, it may be said that they were very nearly ideal.

EFFECT OF FERTILIZER PLACEMENT ON STAND

The final stand counts are shown in column 2, Table I. It will be noticed that there was an average stand of 215.5 hills in 200 feet, representing a stand of 21% for the experiment.

In an analysis of the results of any fertilizer placement experiment where stand is likely to be affected, it is extremely important to determine whether or not this effect is significant for the treatments in general. Unless this is done it will be difficult to determine, for instance, whether a certain placement gave low yields resulting from an average number of poor-yielding hills or from a reduction in stand of normal-yielding hills. Furthermore, the effect of the placements on stand should be determined before any attempt is made to correct for irregularities in stand. Should correction be made when the placements are influencing the stand, the differences between the average yields will be materially lessened.

Fertilizer Placement Studies with Potatoes, Cont'd.

The final stand figures in the present instance were analyzed by Analysis of Variance and the results as given in Table I clearly indicate that the fertilizer placements did have a significant effect on the stand. Therefore no correction for stand was made. In 1933, however, the stand was not affected by the placements. This seasonal variation makes it important to determine the relationship between the placement and stand every year.

ANALYSIS OF TOTAL YIELDS

The average total yields for 5 replicate plots in bushels per acre are given in Table I, Column 5. From the data given at the bottom of the column, it is very definite that the differences in yields from the various placements were not due to chance. Therefore, a comparison of the average yields can be made using 32.7 bushels per acre as the requirement for significance.

This comparison has been made for each placement and the results are given in Column 6, Table I. It is clear from these figures that placements 3, 4, 5, and 6 (see Table I for key to placement numbers) were the best where 6-6-5 fertilizer was used and total yields along were considered. Where the 12-12-10 fertilizer was used the results were not so definite, but placements 3, 5, and 6 appear to be better than the remainder.

MARKETABLE POTATOES (U. S. NO. 1 PRIMES)

The average of 5 replicate plots in bushels per acre of U. S. No. 1 Primes appears in Column 3, Table I. Here again it is very evident that the results are significant in comparison with the error of the experiment.

In Column 4, Table I, will be found a comparison of the different placements using 30.7 bushels per acre for significance between average yields. With the 6-6-5 fertilizer, placements 3, 5, and 6 were the best, with placement 4 significantly poorer than all three. The explanation for this change in the position of placement 4, when only yields of primes are considered, perhaps may be found in the low percentage of primes for this placement as compared with the others.

When the yields of primes for the 12-12-10 fertilizer are considered, Columns 3 and 4, Placements 2, 3, 5, 6, and 7 are better than the others, with no particular placement outstanding.

A further comparison, not given in Table I, which was made between the eight fertilizer placements, regardless of fertilizer used, shows very definitely that in general placements, 3, 4, 5, and 6 are better than placements 1, 2, 7, and 8.

FERTILIZER PLACEMENT IN THE HIGH IRISH POTATOES

At Eastern Shore Branch of Virginia Truck Experiment Station
Onley, Va.

SUMMARY OF 1934 RESULTS

Summarizing the results of the fertilizer placement work in Virginia for 1934, the following points are of interest:

- (1) The emergence counts indicated a distinctly faster come-up of sprouts where all side placements were used. It was pointed out that the effect of the fertilizer placements on the emergence of sprouts is probably associated with the amount of moisture in the soil before and after planting, and therefore this effect would be expected to vary with the weather conditions from year to year.
- (2) Analysis of the results for the final stand counts shows very definitely that the placement of fertilizer affected the stand this year. Last year, however, the final stand was unaffected—probably a seasonal variation caused by a change in weather conditions.
- (3) Analysis of the results for the average total yields where a 6-6-6 fertilizer was used shows placements 3, 4, 5, and 6 to be the best. (See Table I for key to placement numbers). Where the 12-12-10 fertilizer was used, placements 3, 5, and 6 were better than the remainder.
- (4) Analysis of the results for the average yields of primes where a 6-6-6 fertilizer was used shows placements 3, 5, and 6 to be the best. With the 12-12-10 fertilizer the average yields of primes for placements 2, 3, 5, 6, and 7 are of equal significance.
- (5) Considering the results from the placements, regardless of the fertilizer used, placements 3, 4, 5, and 6 were distinctly better than placements 1, 2, 7, and 8.
- (6) The local method of applying the fertilizer, requiring two separate operations, gave significantly poorer yields than all the side placements with the possible exception of placement 4.

TABLE I. SUMMARY OF RESULTS - FERTILIZER PLACEMENT STUDIES, ONLEY, VA. - 1934

Averages of 5 Replicate Plots							
Fertilizer (a)	No. Hills		Yield of Primes		Total Yield		Per Cent Primes
	Per	Bus. Per	Bus. Per	Significantly	Bus. Per	Significantly	
	: 290 Ft.	: Acre	: Better Than	: Acre	: Better Than	: Plots	
: (6-6-5) (b) Fertilizer-2000 lbs per A. :							
1.	: 213.8	: 183.1	: None	: 262.8	: None	: 69.7	
2.	: 206.8	: 163.9	: None	: 231.7	: None	: 70.7	
3.	: 219.6	: 229.6	: 1,2,4,7,8	: 309.0	: 1,2,7,8	: 74.8	
4.	: 222.8	: 188.5	: None	: 291.2	: 2,7,8	: 64.7	
5.	: 217.8	: 240.2	: 1,2,4,7,8	: 327.8	: 1,2,4,7,8	: 73.3	
6.	: 221.4	: 247.5	: 1,2,4,7,8	: 318.4	: 1,2,7,8	: 77.7	
7.	: 220.6	: 139.3	: None	: 247.7	: None	: 64.3	
8.	: 231.2	: 172.3	: None	: 243.8	: None	: 70.7	
: (12-12-10) (b) Fertilizer-1000 lbs per A. :							
1.	: 202.8	: 154.0	: None	: 192.8	: None	: 69.5	
2.	: 217.4	: 178.9	: 1,8	: 250.8	: 1	: 68.9	
3.	: 217.4	: 176.7	: 1,8	: 267.9	: 1,8	: 66.0	
4.	: 202.4	: 161.2	: None	: 246.6	: 1,2	: 64.8	
5.	: 209.6	: 184.5	: 1,8	: 274.3	: 1,8	: 67.3	
6.	: 226.0	: 176.8	: 1,8	: 271.5	: 1,8	: 65.0	
7.	: 216.2	: 134.9	: 1,8	: 243.7	: 1	: 67.7	
8.	: 223.6	: 134.5	: None	: 227.1	: 1	: 59.2	
No. fertz.	: 195.6	: 15.0	: -	: 57.0	:	: 21.1	
Gen. Avg.	: 215.5	: 170.7bu:	:	: 250.8bu:	:	:	
Standard	:	:	:	:	:	:	
Error of	: 5.65	: 10.6bu:	:	: 11.6bu:	:	:	
Mean	: (2.7%)	: (6.3%)	:	: (4.6%)	:	:	
Diff. Req.	:	:	:	:	:	:	
For Sig.	:	:	:	:	:	:	
nificance	: 16.4	: 30.7bu:	:	: 32.7bu:	:	:	
Z	: 0.4656	: 1.5644	:	: 1.6539	:	:	
5% Point	: 0.2532	: 0.2532	:	: 0.2532	:	:	
1% Point	: 0.3576	: 0.3576	:	: 0.3576	:	:	

(a) Placement Numbers;

1. Underneath, 4" band, covered with 2" of soil.
 2. In furrow, mixed well with soil.
 3. On each side in narrow bands, 2" away from seed-piece, on same level.
 4. On each side, 2" away and 2" below level of seed-piece.
 5. On each side, 4" away on level with seed-piece.
 6. On each side, 1" away on level with seed-piece.
 7. Underneath, 4" band, covered with 1" of soil.
 8. Local method, applied in furrow, 15" band, cultivated and planted in 2 operations.
- Check - No fertilizer.

(b) Nitrogen Basis

ACCOMACK COUNTY, VIRGINIA, SKED SOURCE PLATS

Yield Records - Bus. Per Acre - 1934

Plats at following locations:

- R. F. Mason Farm, Mapperville, Va.
 Eastern Shore Experiment Station, Calley, Va.
 J. L. Turner Farm, Painter, Va.
 G. C. Hunnifell Farm, Harborton, Va.

	Mason		Exp. Station		Turner		Hunnifell		Average	
	P's	C's	P's	C's	Frames	P's	C's	P's	C's	T
1. Ston Eyes	169	34	85	62	:	:	:	:	:	47-171
2. Ck., Ms., Russey & Son	221	43	111	72	:	271	:	228	55	306 37-265
3. P. E. I.	274	31	129	40	:	250	:	214	52	217 41-256
4. P. E. I., Ho.Gr., Cluise	191	28	162	45	:	196	:	194	36	186 37-223
5. Ms., Prescott #1	313	31	162	50	:	320	:	280	72	264 51-315
6. Ms., Prescott #2	298	40	193	49	:	279	:	220	49	246 46-204
7. Ms., Ho.Gr., Johnson	224	18	144	34	:	218	:	173	32	190 28-218
8. Ck., Ms., Russey & Son	249	37	154	43	:	255	:	223	61	220 54-274
9. S.Dak., J. Hatke	151	28	169	45	:	256	:	173	40	193 36-151
10. S.Dak., E. A. Fletcher	243	31	190	40	:	294	:	196	55	229 42-273
11. N.Dak., A. B. Thompson			126	36	:	239	:	116	26	157 32-129
12. N.Dak., R. L. Douglass	221	34	132	31	:	:	:	:	:	161 32-193
13. N.Dak., Jens Lotnes			173	40	:	252	:	136	26	190 33-223
14. N.Dak., L. Laford	178	25	166	40	:	132	:	98	32	149 32-161
15. N.Dak., J. L. Whittrack			147	43	:	199	:	118	49	151 46-197
16. N.Dak., H. A. Hoesley	267	34	192	38	:	226	:	188	55	221 42-263
17. N.Dak., Ho.Gr., Hutchin- son	203	43	167	33	:	121	:	:	:	:
18. Ck., Ms., Russey & Son	243	61	141	68	:	266	:	121	59	193 65-235
19. Minn., G. E. Leedy	307	65	165	45	:	225	:	173	64	225 36-233
20. Vt., H. A. Joelyn	304	54	122	67	:	259	:	211	69	239 37-296
21. Nova Scotia, #47	163	18	146	63	:	217	:	164	29	166 37-205
22. Nova Scotia	270	49	156	63	:	241	:	211	56	229 37-277
23. N.Y., Porter & Bonney	313	40	120	65	:	206	:	237	26	227 44-267
24. N.Y., B. Cottrell	264	31	126	72	:	233	:	166	46	203 51-254
25. Ck., Ms., Russey & Son	295	43	102	74	:	149	:	194	46	185 54-239

P's = Primes

C's = Culls

Culls on Turner Plat not picked up.

Irish Potatoes, Cont'd

Potato Insect Control The control of potato insects seems to be an increasing problem, and in an effort to arrive at the most practical control measures the Agents cooperated with the Virginia Truck Experiment Station, Department of Entomology, in conducting a very intensive flea beetle control experiment on 2 farms in the northern part of Accomack County and conducted spraying and dusting demonstrations on a commercial scale on several farms. Briefly, the results indicate that it is very profitable to spray with a mixture of Bordeaux and Calcium Arsenate at least 4 to 6 times during the season. (See Potato Field Day folder for list of materials used in experiment)

Potato Field Day The Twelfth Annual Potato Tour and Field Day was held on Tuesday, June 19. Many local growers and representatives from 13 states, the District of Columbia, and Canada were present.

During the morning, the flea beetle control experiment in the upper part of the County was visited, as well as a farm where potatoes were planted by the twin-row method.

The source-of-seed plots were visited and much interest was shown in this work.

The afternoon was spent at the Eastern Shore Experiment Station, where experiments were inspected and explained, and a speaking program was conducted.

(See Potato Field Day Folder)



Machinery Exhibit - Potato Field Day



Scene at Potato Field Day



Flea Beetle Control
Demonstration Plots

Potato Field Day



Scene at Potato Field Day



Potato Field near Oaley, Virginia

FARMERS' FIELD DAY - JUNE 19, 1934

Eastern Shore Experiment Station - Chesley, Virginia

I. LIMA BEAN FERTILIZER PLACEMENT EXPERIMENT

Flat No.	Description
1	1000 lbs. per acre broadcast nine days before planting
2	Same as No. 1, immediately before planting
3	500 lbs. per acre broadcast nine days before planting
4	500 lbs. per acre broadcast immediately before planting
5	1000 lbs. of side-dressing after plants were up
6	1000 lbs. in row, cultivated in
7	500 lbs. in row, cultivated in
8	1000 lbs. on surface above seed after planting
9	1000 lbs. in band 3-1/2 in. wide, 1 in. below seed
10	1000 lbs. in band 3-1/2 in. wide, 2 in. below seed
11	1000 lbs. in band 3-1/2 in. wide, 3 in. below seed
12	1000 lbs. in band 2 in. to each side, 1 in. below level of seed
13	1000 lbs. in band 2 in. to each side, 2 in. below level of seed
14	1000 lbs. in band 3 in. to each side, 1 in. below level of seed
15	1000 lbs. in band 3 in. to each side, 2 in. below level of seed
16	500 lbs. in band 3-1/2 in. wide, 2 in. below seed
17	500 lbs. in band 2 in. to each side, 2 in. below level of seed
18	500 lbs. in band 3 in. to each side, 2 in. below level of seed
19	Check - no fertilizer

Note: Beans planted 6/5/34. 4-10-6 fertilizer, 25% organic and 75% inorganic nitrogen, used throughout experiment. All treatments repeated five times. Plots consist of one 30-inch row, 100.5 ft. in length (.0068 of an acre), except for treatments 1 to 4 inclusive, which consist of 3 rows each.

II. SOURCE OF NITROGEN AND ACID vs NEUTRAL FERTILIZERS EXPERIMENT - POTATOES
(In Cooperation with U. S. D. A., Bureau of Chemistry and Soils)

Row No.	Fish Tankage	N	P	K	(NH ₄) ₂ SO ₄	Urea	soluble MgO	Dolo-	Equiv. Acidity	Org. Com-	Reaction
:	:	g	g	g	g	g	Per Ton	Per Ton	Per Ton	Per Ton	:
1	20	10	70	0	0	0	0	0	443	20-80	Acid
2	20	10	70	0	0	40	0	0	443	20-80	Acid
3	20	10	70	0	0	0	446	0	0	20-80	Neutral
4	20	10	70	0	0	40	446	0	0	20-80	Neutral
5	20	10	50	20	40	40	361	0	0	40-60	Neutral
6	0	10	50	40	40	40	366	0	0	40-60	Neutral
7	30	10	60	0	40	40	391	0	0	30-70	Neutral
8	40	10	50	0	40	40	0	0	335	40-60	Acid
9	40	10	50	0	40	40	335	0	0	40-60	Neutral
10	50	10	40	0	40	40	200	0	0	50-50	Neutral
11	0	10	90	0	40	40	0	0	556	0-100	Acid
12	0	10	90	0	40	40	556	0	0	0-100	Neutral

Note: Planted 4/7/34. Maine and Nova Scotia seed mixed. Replicated 3 times. Fertilizer analysis 6-6-6.

AS

III. LIME EXPERIMENT - POTATOES

A. Forms of Lime Used

- (a) Hydrated Calcium Lime
- (b) Hydrated Dolomitic Lime
- (c) Limb Marl
- (d) Oyster Shell Flour Lime
- (e) Dolomitic Limestone - 100 mesh
- (f) Calcium Limestone - 100 mesh

IV. FERTILIZER PLACEMENT EXPERIMENT - POTATOES (U. S. D. A. Cooperating)

A. Methods of Fertilizer Placement

Fertz. Key No.

6-6-6 13-12-10

(A)	(B)	
1	9	In mark, lightly mixed with soil
2	10	In mark, mixed well with soil
3	11	On each side in narrow bands, 2" away from seed piece, on same level
4	12	On each side, 2" away and 2" below level of seed piece
5	13	On each side, 4" away, on level with seed piece
6	14	On each side, 1" away, on level with seed piece
7	15	Underneath, 4" band, covered with 1" of soil
8	16	Local method - applied in furrow, 15" band, cultivated and planted as separate operation
17		Check - No fertilizer

V. SWEET POTATO EXPERIMENTS

A. Plant Spacing Test

- (a) 12-14-16-20-24 inches
- (b) 4 rows at each distance - 110 ft. long
- (c) Replicated 5 times

B. Triangulation Fertilizer Experiment with Porto Rico

C. Sprout Treatment

Fresh Pulled Sprouts

- 1. Bordeaux mixture (20-20-50)
- 2. Semezan Bal (125 grams per qt.)
- 3. Copper - lime dust (20-80)
- 4. Sulphur dust
- 5. Red oxide and sulphur (5%)
- 6. Black oxide and sulphur (11%)
- 7. Check

Sprouts Pulled Several Days Before

- 8. Bordeaux mixture (20-20-50)
- 9. Semezan Bal (125 grams per qt.)
- 10. Copper - lime dust (20-80)
- 11. Sulphur dust
- 12. Red oxide and sulphur (5%)
- 13. Black oxide and sulphur (11%)
- 14. Check

VI. NITROGEN AND POTASH STUDIES - POTATOES (U. S. D. A. Cooperating)

A. Nitrogen Studies

Plot No.	Source of Nitrogen			
1-7	0%	organic	- 100%	inorganic
2-8	25%	"	- 75%	"
3-6-9-12	50%	"	- 50%	"
4-10	75%	"	- 25%	"
5-11	100%	"	- 0%	"
Check	0%	"	- 0%	" (Check)

Fertilizer analysis: 6-8-6. Inorganic nitrogen derived equally from sodium nitrate and ammonium sulphate; organic nitrogen derived equally from fish end tankage; P_2O_5 derived from superphosphate; K_2O derived from potassium sulphate; 1800 lbs fertilizer per acre - 3 Rows to a plot.

B. Potash Studies

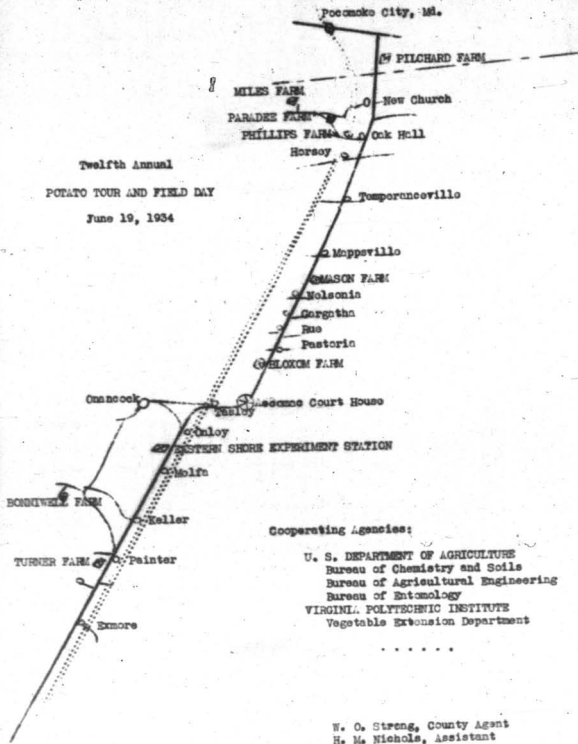
<u>Plot No.</u>	<u>Fertilizer Analysis</u>	<u>Source of K₂O</u>
1	6-8-4	KCL
2	6-8-0	-
3	6-8-6	KCL
4	6-8-8	KCL
5	6-8-0	-
6	6-8-10	KCL
7	6-8-4	K ₂ SO ₄
8	6-8-0	-
9	6-8-6	K ₂ SO ₄
10	6-8-8	K ₂ SO ₄
11	6-8-0	-
12	6-8-10	K ₂ SO ₄
Check	0-0-0	-

Source s of nitrogen and phosphorus same as in nitrogen studies shown above. Rate of application 1800 lbs. per acre. 3 rows to a plot. Plots duplicated.

- VII. 6-6-5 BRANDS TEST (Each brand is represented by a single row 87' long, replicated 6 times)
- VIII. STRAWBERRY VARIETY TEST
- IX. BEAN NESTLE CONTROL EXPERIMENT (U. S. D. A., Bureau of Entomology Cooperating) 152 Plots
- X. TWIN-ROW METHOD OF PLANTING POTATOES
- XI. SOURCE-OF-SEED TEST PLOT
- XII. NUTRITIONAL EXPERIMENT (Fertilizer reinforced with magnesium, copper, zinc, manganese, etc.)

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Twelfth Annual
POTATO TOUR AND FIELD DAY
June 19, 1934



COBBLER SEED SOURCE DEMONSTRATION

ACCOMACK COUNTY, VIRGINIA

TWELFTH ANNUAL POTATO TOUR AND FIELD DAY

June 19, 1934

Seed Plots Located On The Following Farms:

R. F. Mason, Mapperville, Va.
J. L. Turner, Painter, Va.
G. C. Bonniwell, Harborton, Va.
Eastern Shore Experiment Station,
Onley, Va.

.....

W. C. Strong, County Agent
H. M. Nichols, Assistant

INTRODUCTION

Cobbler Seed Source Demonstration

There are four seed source demonstration plots located in Accomack County as shown by reports on the following pages. In these plots are included Cobbler seed from the principal commercial seed-growing districts.

None of the seed were treated before planting as this is not customary with local growers. It was thought desirable to handle this work as nearly like average farm practice as possible. However, in an effort to improve the stand, the stem end eye of the potato was discarded when cut.

The disease counts were made on June 12 and 13, by Dr. Harold T. Cook, Plant Pathologist of the Virginia Truck Experiment Station. No spindle tuber counts are recorded; however, strains showing a large number of spindle tuber type plants are indicated in the individual plots.

A study of the enclosed data shows conclusively how good certified seed, intelligent use of fertilizer, and careful cultural practices influence stand and yield, thus lowering the cost per unit of production - the first step in successful marketing.

Potato Insect Control

Since potato insects, particularly flea beetles, have been doing so much damage in the upper part of Accomack County and appear to be migrating southward, a very intensive experiment is being conducted in an effort to test various available materials and new materials which may become of commercial importance. Time of application and number of applications of these materials, both in dust and spray form, are being studied. The plots are replicated three times on two farms on a small scale. The most promising materials are being tested this year on a commercial scale with traction dusters and sprayers.

Bean Beetle Control

As beans are fast becoming one of the chief cash crops on the Eastern Shore and bean beetle control is a very important factor in bean production, a large experiment is being conducted at the Eastern Shore Branch of the Virginia Truck Experiment Station in cooperation with the U. S. Department of Agriculture, Bureau of Entomology, to determine the most effective means of control.

Fertilizer Application

During the past two or three years it has been noted that certain methods of applying fertilizer decidedly improve the yield. Therefore, the Bureaus of Chemistry and Soils and Agricultural Engineering of the U. S. Department of Agriculture are cooperating with the Virginia Truck Experiment Station in an intensive study at the Eastern Shore Branch along this line.

STRAINS AND SOURCES OF SEED USED IN TEST PLATS - 1934

Strain	Grower or Source
1. Sten Eyes	
2. P. E. I.	: Prince Edward Island; furnished through : courtesy of E. S. of Va. Produce Exchange
3. P. E. I., Home Grown	: C. M. Wise, Onancock, Va.
4. Maine	: C. E. Hussey and Son, Presque Isle, Me.
5. Maine, #1	: John Prescott, Island Falls, Maine
6. Maine, #2	: John Prescott, Island Falls, Maine
7. Maine, Ho, Gr.	: G. F. Johnson, Onancock, Va.
8. South Dakota	: John Redtke, Watertown, South Dakota
9. South Dakota	: E. A. Fletcher, Garden City, South Dakota
10. North Dakota	: A. B. Thompson, Grafton, North Dakota
11. North Dakota	: R. L. Douglas, Park River, North Dakota
12. North Dakota	: Jens Letnes, Hillsboro, North Dakota
13. North Dakota	: L. Asafed, Fordville, North Dakota
14. North Dakota	: J. L. Whitnack, Moorhead, Minnesota
15. North Dakota	: H. A. Hoesley, Crystal, North Dakota
16. North Dakota, Ho. Gr.	: C. D. Hutchinson, Onley, Va.
17. Minnesota	: C. E. Leedy, St. Paul, Minnesota
18. Vermont	: H. A. Joslyn, East Hardwick, Vermont
19. Nova Scotia, #47	: Agricultural Experiment Station, Truro, N.S.
20. Nova Scotia	: W. A. Fleming, Truro, N. S.
21. New York	: Porter and Bonney, Elba, New York
22. New York	: B. Cottrell, Homer, New York
23. Katahdin, Chippewa, Golden, and Numbered Varieties	: U. S. Department of Agriculture

Note: South Dakota samples and a number of North Dakota samples furnished through courtesy of Seaboard Produce Distributors, Inc., Onley, Va.

P. E. I. and Nova Scotia samples furnished through courtesy of E. S. of Virginia Produce Exchange.

DESCRIPTION OF SEED JUST BEFORE PLANTING

March 25, 1934

omit

Strain	S	P	R	O	U	T	L	E	S	I	Z	E	(Gths)	Date:	Recd:	Place Stored
1. Stem Eyes																
2. P. E. I.	M-L	1	x	-	x	-	-	-	-	-	-	-	-	3-15		P. E. I.
3. P.E.I., Ho.Gr., C.M.Wiss	S-M	2	x	-	x	-	-	-	-	-	-	-	-	3-17		Onancock, Va.
4. Ms., Hasey and Son	S-L	2	x	-	x	-	-	-	-	-	-	-	-	tr:3-18		Freague Isle, Me.
5. Ms., Prescott #1	M-L	1	x	-	x	-	-	-	-	-	-	-	-	tr:3-8		Island Falls, Me.
6. Ms., Prescott #2	S	1	x	-	x	-	-	-	-	-	-	-	-	tr:3-8		Island Falls, Me.
7. Ms., Ho.Gr., Johnson	S-M	1	x	-	x	-	-	-	-	-	-	-	-	3-18		Onancock, Va.
8. S.Dak., J. Redke	M-L	3	x	-	x	-	-	-	-	-	-	-	-	tr:3-10		Eastville, Va.
9. S.Dak., R.A.Fletcher	M	3	x	-	x	-	-	-	-	-	-	-	-	tr:3-18		Carden City, S. Dak.
10. N.Dak., A.B.Thompson	M-L	2	x	-	x	-	-	-	-	-	-	-	-	tr:3-10		Eastville, Va.
11. N.Dak., R.L.Douglas	L	2	x	-	x	-	-	-	-	-	-	-	-	tr:3-10		Eastville, Va.
12. N.Dak., Jens Letnes	S-M	1	x	-	x	-	-	-	-	-	-	-	-	tr:3-17		Hillsboro, N.Dak.
13. N.Dak., L. Asfett	S-M	1	x	-	x	-	-	-	-	-	-	-	-	tr:3-10		Eastville, Va.
14. N.Dak., J. L. Whitnack	S-M	1	x	-	x	-	-	-	-	-	-	-	-	tr:3-17		Moorestad, Minn.
15. N.Dak., H. A. Hoesley	M-L	1	x	-	x	-	-	-	-	-	-	-	-	tr:3-17		Crystal, N. Dak.
16. N.Dak., Ho.Gr., Hutchinsons	S-M	1	x	-	x	-	-	-	-	-	-	-	-	3-17		Onley, Va.
17. Minn., C. E. Leedy	S-M	tr	x	-	x	-	-	-	-	-	-	-	-	tr:3-15		St.Paul, Minn.
18. Va., H. A. Joalyn	M	2	x	-	x	-	-	-	-	-	-	-	-	tr:3-8		East Hardwick, Vt.
19. Nova Scotia, #47	M	2	x	-	x	-	-	-	-	-	-	-	-	tr:3-15		Truro, Nova Scotia
20. Nova Scotia	M	2	x	-	x	-	-	-	-	-	-	-	-	tr:3-15		Truro, Nova Scotia
21. N.Y., Porter and Bonney	S-L	1	x	-	x	-	-	-	-	-	-	-	-	tr:3-16		Elba, N. Y.
22. N.Y., B. Cottrell	S-M	1	x	-	x	-	-	-	-	-	-	-	-	tr:3-16		Hamer, N. Y.

copy

R. Finney Mason, Mapperville, Va.
Planted with New Iron Age Planter With Spacer Attachment - 4/18/34
Rows 95" Long, 30" Apart, Seed 14" in Row

Source	Missing Hills											Discarded Hills																			
	T	R	D	M	W	L	B	I	T	M	L	S	E	N	W	I	T	R	D	M	W	L	B	I	T	M	L	S	E	N	W	I
Of	1															1															
Seed	y															e															
1. Stem Eyes	5	4	-	-	-	-	-	-	1	-	-	1	-	-	-	5	4	-	-	-	-	-	-	-	-	-	-	-	-	-	
2. Check	2	2	-	-	-	-	-	-	0	-	-	0	-	-	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
3. P. E. I.	1	1	-	-	-	-	-	-	0	-	-	0	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
4. P.E.I., Ho.Gr., C.M. Wise	4	3	-	-	-	-	-	-	0	-	-	0	-	-	-	4	3	-	-	-	-	-	-	-	-	-	-	-	-	-	
5. Ma., #1, J. Prescott	0	-	-	-	-	-	-	-	0	-	-	0	-	-	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
6. Ma., #2, J. Prescott	0	-	-	-	-	-	-	-	0	-	-	0	-	-	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
7. Ma., Ho.Gr., G.T. Johnson	4	4	-	-	-	-	-	-	0	-	-	0	-	-	-	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-	
8. Check	4	4	-	-	-	-	-	-	1	-	-	1	-	-	-	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-	
9. S.Dak., J. Redtko	21	21	-	-	-	-	-	-	0	-	-	0	-	-	-	21	21	-	-	-	-	-	-	-	-	-	-	-	-	-	
10. S.Dak., E. A. Fletcher	3	3	-	-	-	-	-	-	0	-	-	0	-	-	-	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	
11.																															
12. N.Dak., H. L. Douglass	9	9	-	-	-	-	-	-	0	-	-	0	-	-	-	9	9	-	-	-	-	-	-	-	-	-	-	-	-	-	
13.																															
14. N.Dak., L. Asford	6	6	-	-	-	-	-	-	0	-	-	0	-	-	-	6	6	-	-	-	-	-	-	-	-	-	-	-	-	-	
15.																															
16. N.Dak., H. A. Hoesley (* Stone Marker)	6	6	-	-	-	-	-	-	0	-	-	0	-	-	-	6	6	-	-	-	-	-	-	-	-	-	-	-	-	-	
17. N.Dak., Ho.Gr., Hutchinson	3	3	-	-	-	-	-	-	3	-	-	3	-	-	-	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	
18. Check	2	2	-	-	-	-	-	-	0	-	-	0	-	-	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
19. Minn., C. E. Leedy	1	1	-	-	-	-	-	-	0	-	-	0	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
20. Wt., H. A. Joslyn	1	1	-	-	-	-	-	-	0	-	-	0	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
21. Nova Scotia, #47	13	13	-	-	-	-	-	-	0	-	-	0	-	-	-	13	13	-	-	-	-	-	-	-	-	-	-	-	-	-	
22. Nova Scotia	0	-	-	-	-	-	-	-	0	-	-	0	-	-	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
23. N.Y., Porter and Bonney	4	4	-	-	-	-	-	-	0	-	-	0	-	-	-	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-	
24. N.Y., B. Cottrell	4	4	-	-	-	-	-	-	0	-	-	0	-	-	-	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-	
25. Check	1	1	-	-	-	-	-	-	2	-	-	2	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
26. Chippewa																															
27. Entandia																															
28. Golden																															
29. 366																															
30. 41914																															
31. 45075																															
32. 45956																															
33. 44073																															
34. 36d, 44639 (12 pc.), 44605 7 rows Spalding Rose 1 row Vermont 3 rows Nova Scotia																															

Florida, 1934, Dug 12 days before planting

*Many spindle tuber type hills

Check - Maine, Hussey and Son

(- 33 f -)

copy

Eastern Shore Experiment Station - Onley, Va.
 Planted and Fertilized with New Iron Age Plants with Spacer Attachment
 Planted 3/31/34; Rows 30" Apart, Seed 15" in Row
 Rows 106' long

Sources	Hanging Hills					Dissolved Hills									
	T	R	D	N	W	L	B	T	M	L	S	B	R	W	I
	o	o	o	o	o	o	r	o	o	e	p	.	h	e	s
	t	t	a	a	a	a	:	t	s	a	.	L	i	a	j
	a	d	e	k	t	S	:	a	a	f	T	.	z	k	u
Of	l	y				t	:	l	i	r	.	.	.	.	r
Seed		E	e	S		:	:	c	o	T	.	.	.	.	y
		y	p			:	:	l	.	.	.	.	.	.	.
		e	.			:	:	l	.	.	.	.	.	.	.

1. Stem Eyes	16	16	-	-	-	-	0	-	-	-	-	-	-	-	-
2. Ch., Mo., Hussey & Son	10	10	-	-	-	-	1	-	-	-	1	-	-	-	-
3. P. E. I.	12	12	-	-	-	-	0	-	-	-	-	-	-	-	-
4. P.E.I., Ho.Gr., C.M. Wise	3	3	-	-	-	-	0	-	-	-	-	-	-	-	-
5. Mo., #1, J. Prescott	3	3	-	-	-	-	0	-	-	-	-	-	-	1	-
6. Mo., #2, J. Prescott	2	2	-	-	-	-	0	-	-	-	-	-	-	-	-
7. Mo., Ho.Gr., G.F. Johnson	2	2	-	-	-	-	4	-	4	-	-	-	-	-	-
8. Check	5	5	-	-	-	-	1	-	-	-	1	-	-	-	-
9. S.Dak., J. Ruttko	1	1	-	-	-	-	0	-	-	-	-	-	-	1	-
10. S.Dak., E.A. Fletcher	0	0	-	-	-	-	0	-	-	-	-	-	-	-	-
11. S.Dak., A.E. Thompson	7	7	-	-	-	-	1	1	-	-	-	-	-	-	-
12. S.Dak., R.L. Douglass	9	9	-	-	-	-	0	-	-	-	-	-	-	2	-
13. S.Dak., Jens Letnas	4	4	-	-	-	-	1	1	-	-	-	-	-	-	-
14. S.Dak., L. Ansdet (Far North)	4	4	-	-	-	-	0	-	-	-	-	-	-	-	-
15. S.Dak., J. L. Whitlock	4	4	-	-	-	-	0	-	-	-	-	-	-	-	-
16. S.Dak., H. A. Hoesley	2	2	-	-	-	-	0	-	-	-	-	-	-	-	-
17. S.Dak., Ho.Gr., Hutchinson	2	2	-	-	-	-	1	-	-	-	1	-	-	-	-
18. Check	0	0	-	-	-	-	0	-	-	-	-	-	-	-	-
19. Minn., C. E. Leedy	1	1	-	-	-	-	3	-	3	-	-	-	-	-	-
20. Wt., H. A. Juelyn	2	2	-	-	-	-	0	-	-	-	-	-	-	-	-
21. Nova Scotia, #47	4	4	-	-	-	-	0	-	-	-	-	-	-	-	-
22. Nova Scotia	4	4	-	-	-	-	0	-	-	-	-	-	-	-	-
23. N.Y., Porter & Bonney	2	2	-	-	-	-	1	-	-	-	-	-	-	1	-
24. N.Y., B. Cottrell	7	7	-	-	-	-	0	-	-	-	-	-	-	2	-
25. Check	13	13	-	-	-	-	3	-	2	-	1	-	-	-	-
26. S 44505															
27. Estahin, 42667															
28. S 41914															
29. 44539															
30. 45056															
31. 366															
32. Chippers, 42672															
33. Golden, 4442B															
34. 44073															
35. 45075															
36. 46335A, 45665, 45694, 45697, 46243, 46244, 46251, 46255, 46271, 46272, 46288C, 46331, 46332 (Sp.), 46376, 46385, 46413, 46431 46466															

Check - C. E. Hussey and Son, Mine

(- 5 -)

copy

G. C. Bonniwell, Harborton, Va.
 Planted by Hand - 5/31/34
 Rows 30" Apart, Seed 16" in Row, Rows 100"

Source	Of	Seed	Missing Hills					Disseed Hills									
			T	R	D	N	W	L	B	T	M	L	S	B	R	W	I
			c	c	c	c	c	r	c	c	c	p	h	e	n		
			t	t	a	a	a	s	t	s	a	L	i	e	s	J	
			a	d	E	k	t	S	a	e	f	T	.z	k	u		
			1		y			t	l	i	R	.					
				E	e	S		e	c	o	T						
				y	P			m			1						
				e							1						
1. Stem Eyes			9	9	-	-	-	-	0	-	-	-	-	-	-	-	-
2. Check			2	-	2	-	-	-	0	-	-	-	-	-	-	-	-
3. P. E. I.			1	-	1	-	-	-	1	1	-	-	-	-	-	-	-
4. P.E.I., Ho.Gr., C.M. Wise			1	1	-	-	-	-	0	-	-	-	-	-	-	-	-
5. Mo., #2, J. Prescott			1	1	-	-	-	-	0	-	-	-	-	-	-	-	-
6. Mo., #1, J. Prescott			0	-	-	-	-	-	0	-	-	-	-	-	-	-	-
7. Mo., Ho.Gr., G.T. Johnson			2	2	-	-	-	-	1	1	-	-	-	-	-	-	-
8. Check			2	2	-	-	-	-	0	-	-	-	-	-	-	-	-
9. S.Dak., J. Radtke			1	1	-	-	-	-	0	-	-	-	-	-	-	-	-
10. S.Dak., E.A. Fletcher			2	2	-	-	-	-	0	-	-	-	-	-	-	-	-
11. S.Dak., A. B. Thompson			16	16	-	-	-	-	0	-	-	-	-	-	-	-	-
12.																	
13. N.Dak., Jena Letnes			9	9	-	-	-	-	0	-	-	-	-	-	-	-	-
14. N.Dak., L. Asfeld (Far North)			22	22	-	-	-	-	0	-	-	-	-	-	-	-	-
15. N.Dak., J. L. Whitnack			0	-	-	-	-	-	1	1	-	-	-	-	-	-	-
16. N.Dak., H. A. Hoomsley			0	-	-	-	-	-	3	3	-	-	-	-	-	-	-
17. N.Dak., Ho.Gr., Hutchinson			1	1	-	-	-	-	2	2	-	-	-	-	-	-	-
18. Check			0	-	-	-	-	-	0	-	-	-	-	-	-	-	-
19. Minn., C. E. Loedy			2	2	-	-	-	-	0	-	-	-	-	-	-	-	-
20. Vt., H. A. Joslyn			1	1	-	-	-	-	0	-	-	-	-	-	-	-	-
21. Nova Scotia, #47			7	7	-	-	-	-	0	-	-	-	-	-	-	-	-
22. Nova Scotia			0	-	-	-	-	-	0	-	-	-	-	-	-	-	-
23. N.Y., Porter and Bonney			0	-	-	-	-	-	0	-	-	-	-	-	-	-	-
24. N.Y., B. Cottrell			0	-	-	-	-	-	0	-	-	-	-	-	-	-	-
25. Check			0	-	-	-	-	-	0	-	-	-	-	-	-	-	-

Check - Maine, C. E. Hussey and Son

omit

GERMINATION COUNTS

1934

Source of Seed	Total No. Hills	%	Cases of Missing Hills			
			Miss. Hills	% Rot	% Dead Eye	% No Eye	% Lost
1. Stem Eyes	233	12.07	12.44	0.00	0.43	0.00
2. Check, Me., Hussey & Son	1612	3.97	2.67	0.15	0.31	0.87
3. P. E. I.	403	3.47	3.32	0.25	0.00	0.00
4. P. E. I., Ho.Gr., Wisc	403	2.24	1.74	0.00	0.25	0.22
5. Me., #1, J. Prescott	403	0.99	0.74	0.00	0.00	0.22
6. Me., #2, J. Prescott	403	0.74	0.74	0.00	0.00	0.00
7. Me., Ho.Gr., Johnson	403	1.99	1.99	0.00	0.00	0.00
8. S.Dak., J. Redtke	403	7.69	6.21	0.00	0.00	1.49
9. S.Dak., E. A. Fletcher	403	1.73	1.24	0.00	0.00	0.49
10. N.Dak., A. B. Thompson	322	9.00	8.69	0.00	0.31	0.00
11. N.Dak., R. L. Douglass	186	10.25	10.65	0.00	0.00	0.00
12. N.Dak., Jena Lohmes	322	5.90	5.28	0.00	0.62	0.00
13. N.Dak., L. Aredit (FarNorth)	403	20.35	19.11	0.00	0.00	1.24
14. N.Dak., J. L. Whitnack	322	5.15	2.49	0.00	0.00	0.62
15. N.Dak., H. A. Hoesley	403	1.99	1.99	0.00	0.00	0.00
16. N.Dak., Ho.Gr., Hutchinson	403	2.48	2.23	0.00	0.00	0.25
17. Minn., C. E. Leedy	403	0.99	0.99	0.00	0.00	0.00
18. Vt., H. A. Joslyn	403	0.74	0.74	0.00	0.00	0.00
19. Nova Scotia, #47	403	6.45	5.46	0.00	0.00	0.99
20. Nova Scotia	403	1.99	1.24	0.00	0.25	0.50
21. N. Y., Porter and Bonney	403	2.22	1.48	0.00	0.00	0.74
22. N. Y., B. Cottrell	403	2.98	2.73	0.00	0.25	0.00

(- 33 j -)

copy

DISEASE COUNTS

1934

Source	Cf	No			% Various Diseases			% Weak Plants
		T P I	S P I	M	L R	S T	B	
		col	ta	an	eo	pu	al	
	Seed	l t s	s n s	a s	al	. t e	a l	
		s	s	s	f l	r	c e	
		d s	d s	c			k g	
1. Stem Eyes		233	5.56	0.00	0.43	5.15	0.00	2.58
2. Ck., Me., Russey and Son	1612	1.11	0.13		0.13	0.90	0.25	0.31
3. P. E. I.	403	0.50	0.25		0.00	0.25	0.00	0.25
4. P. E. I., Ho. Gr., Wise	403	0.74	0.00		0.25	0.49	0.00	0.25
5. Me., #1, J. Prescott	403	1.49	1.24		0.00	0.25	0.00	0.25
6. Me., #2, J. Prescott	403	0.49	0.00		0.00	0.49	0.00	0.00
7. Me., Ho. Gr., Johnson	403	3.47	0.00		1.24	2.23	0.00	0.49
8. S. Dak., J. Radtke	403	3.72	0.25		0.00	3.47	0.00	0.25
9. S. Dak., E. A. Fletcher	403	0.49	0.00		0.00	0.49	0.00	0.00
10. N. Dak., A. B. Thompson	322	1.24	0.31		0.00	0.62	0.31	0.62
11. N. Dak., R. L. Douglass	166	0.00	0.00		0.00	0.00	0.00	1.20
12. N. Dak., Jens Letnes	322	1.55	1.24		0.00	0.31	0.00	0.00
13. N. Dak., L. Asfekt	403	0.99	0.00		0.99	0.00	0.00	1.49
14. N. Dak., J. L. Whitnack	322	1.24	0.31		0.00	0.93	0.00	0.62
15. N. Dak., H. A. Hoesley	403	0.74	0.00		0.74	0.00	0.00	0.25
16. N. Dak., Ho. Gr., Hutchinson	403	3.22	1.74		0.00	1.49	0.00	0.00
17. Minn., C. E. Leedy	403	0.25	0.25		0.00	0.00	0.00	0.00
18. Vt., H. A. Joclyn	403	0.99	0.00		0.74	0.25	0.00	0.00
19. Nova Scotia, #47	403	0.74	0.00		0.00	0.74	0.00	0.99
20. Nova Scotia	403	0.25	0.00		0.00	0.25	0.00	0.00
21. N.Y., Porter & Bonney	403	0.25	0.00		0.00	0.25	0.00	0.49
22. N.Y., E. Cottrell	403	0.00	0.00		0.00	0.49	0.00	0.49

1933 YIELDS - CORNLER SEED SOURCE DEMONSTRATION

The average yield of the five source-of-seed plots in 1933 is given below. The number in parentheses directly after the name of each strain denotes the number of plots in which that particular strain occurred.

Average of All Plots

Source of Seed		Yield - bushels per acre		Total
		Primes	Seconds	
1. N.Y., Porter and Bonnoy	(2)	137.0	34.7	171.3
2. S.Dak., Stein	(5)	135.4	36.0	170.4
3. Mo., Prescott	(5)	126.4	42.3	170.7
4. S.Dak., Madtke	(5)	126.6	31.4	158.0
5. Mo., Prescott #2	(5)	123.6	36.6	162.4
6. Mo., Corlies	(5)	123.1	32.3	155.4
7. Mo., Hussey	(5)	121.7	34.5	156.2
8. S.Dak., Parker	(5)	121.6	36.9	158.5
9. N.Dak., Thompson (A. B.)	(5)	120.3	35.4	153.7
10. N.Dak., Thompson (J.)	(5)	117.3	30.9	148.2
11. Wis., Miller	(5)	114.2	32.1	146.3
12. N. Y., Cottrell	(5)	108.6	42.3	150.9
13. S.Dak., Kormmann	(5)	109.2	34.6	133.8
14. Wis., Zeloski	(5)	108.0	35.4	143.4
15. Mich.,	(5)	105.7	41.2	146.9
16. N.Dak., Douglass	(5)	105.7	31.7	137.4
17. Mo., Home Grown	(5)	104.4	25.9	130.3
18. S.Dak., Hedlin	(5)	97.2	30.7	130.9
19. S.Dak., Home Grown	(5)	95.8	20.5	116.3
20. N.Y., Hollenbeck	(5)	94.7	27.5	122.2
21. P. E. I., Home Grown	(5)	95.3	18.7	114.0
22. Md., Dukes	(5)	90.7	18.3	109.0
23. N.Y., Rogers	(5)	75.0	37.5	112.5
24. N.Y., Wilson	(4)	53.4	25.1	78.5
Average		108.7	32.0	140.7

Yields ranged from 53.4 to 137.0 bushels of primes per acre, a difference of 83.6 bushels between the best and poorest strains. The average yield for all strains included in the plots was 108.7 bushels of primes per acre. Yields varied from 55.3 bushels below the average to 28.3 bushels above the average. This variation can be charged largely to source of seed.

1933 YIELD - COMPARISON OF CERTIFIED AND HOME-GROWN SEED

The plots again emphasized the superiority of certified seed over home-grown seed, as illustrated by the following table:

Source of Seed	Yield - Bushels Per Acre		Total
	Primes	Seconds	
Maine (Av. of 4 strains)	154.2	37.0	191.2
Maine, Home Grown	104.4	25.9	130.3
S.Dak., (Av. of 5 strains)	117.4	32.9	150.3
S.Dak., Home Grown	95.8	20.5	116.3
Average - Certified	120.6	34.9	155.7
Average - Home Grown	100.1	23.2	123.3

The difference in yield in favor of certified seed averaged 20.7 bushels of primes per acre, due largely to the later maturity of home-grown seed and to the greater prevalence of disease in home-grown seed. That this superiority of certified seed is not due just to factors operating this year is clearly demonstrated by the records of the past eight years, summarized in the following table:

Source of Seed	Yield	
	Bushels	Primes Per Acre
Maine, Certified	212	
Maine, Home Grown	176	
S.Dak., Certified	230	
S.Dak., Home Grown	190	
Average - Certified	221	
Average - Home Grown	183	

It will be noted from the above that the difference in yield in favor of certified seed over home-grown seed has averaged 38 bushels of primes per acre over an eight-year period.

FLY BEETLE CONTROL EXPERIMENT

Conducted On
The B. P. Pardee and David Miles Farms, near Micon, Va.
By L. D. Anderson, Assistant Entomologist
Virginia Truck Experiment Station

INSECTICIDES USED

		<u>Sprays</u>	
1.	Calcium arsenate - Bordeaux	.....	*2-3-3-50
2.	Calcium arsenate - Bordeaux	.....	2-4-6-50
3.	Calcium arsenate - Bordeaux	.....	2-6-9-50
4.	Calcium arsenate - Bordeaux - Zinc sulphate	.....	2-2-3-5-50
5.	Lead arsenate - Bordeaux	.....	2-4-6-50
6.	Zinc arsenate - Bordeaux	.....	2-4-6-50
7.	Lead arsenate - Calcium arsenate - Bordeaux	.....	1-1-4-6-50
8.	Bordeaux	.....	4-6-50
9.	Calcium arsenate - Zinc sulphate - Lime	.....	2-4-4-50
10.	Calcium arsenate	.....	2-50
11.	Lead arsenate	.....	2-50
12.	Calcium arsenate - Basic Copper Sulphate	.....	2-2-50
13.	Pyrex - Calcium arsenate	.....	6-2-50
*2 lbs. calcium arsenate, 2 lbs. copper sulphate, 3 lbs. lime, 50 gals. water			
		<u>Dusts</u>	
14.	Lead arsenate - Lime	.....	1-1
15.	Calcium arsenate - Lime	.....	1-1
16.	Calcium arsenate - Zinc sulphate - Lime	.....	1-1-1
17.	Duster - Lime	.....	1-3
18.	Calcium arsenate - Copper - Lime	.....	1-1-3
19.	Sulphur - Pyrethrum	.....	3-1
20.	Check	.....

Time and Number of Applications

A Bordeaux-Calcium Arsenate spray, is being tried in a series of combinations of time of application and number of applications to determine, if possible, the best time and number of times to treat.

Treatments with Traction Equipment

In order to test the efficiency of sprays and dusts on a commercial scale in controlling flea beetles, Kopotex and Lead Arsenate and Lime dusts, as well as Calcium Arsenate and Bordeaux spray, are being used. The equipment is a Niagara one-horse, 6-nozzle Traction Duster, and a "Red Jacket" 4-row, 3-nozzle-per-row Traction Sprayer.

Seed Treatment

A seed treatment test is being made to determine whether this has any effect on the amount of flea beetle larval injury to the tubers. Corrosive Sublimite (4 oz. to 30 gals.), Formaldehyde (1 pt. to 30 gals.), Seseban Bal (1 lb. to 2-1/2 gals.), were the materials used. Previous seasons' work indicates that seed treatment decreases larval injury, but results for this season will not be available until time of harvest.

Past experience indicates that mixtures containing copper, lime, and a stomach poison greatly improve the crop.

June 19

PROGRAM

1934

TWELFTH ANNUAL EASTERN SHORE OF VIRGINIA POTATO FIELD DAY, JUNE 19, 1934

Purpose: To bring about a better understanding among seed producers, dealers, farmers who grow table stock and seed, and others interested in the potato industry; and to observe and study potato and other demonstrations and experiments.

SCHEDULE

- 9.30 a. m. Assemble at the B. P. Paradise Farm, 3 miles west of New Church, Va.
- 10.45 a. m. Observe potatoes planted in Twin Rows, E. R. Phillips Farm, New Church,
- 11.15 a. m. Stop at Seed Source Flat, R. Finney Mason Farm, Mappeville, Va. (Those south of Painter attending the Field Day should observe J. L. Turner's Flat, at Painter, and G. C. Bonniwell's Flat, Fungotoage, Va.)
- 11.45 a. m. Arrive at Eastern Shore Experiment Station, Onley, Va.
- 12.00 Noon Lunch, served by ladies of the Onley Community Organization.
- 1.30 p. m. Program of Speeches:
 - Address of Welcome - Hon. B. T. Gunter, President of the Governing Board, Va. Truck Experiment Station
 - Discussion of Experimental Work - Director H. H. Zimmerman, Virginia Truck Experiment Station
 - Agricultural Credit - Captain C. R. Arnold, Farm Credit Adm'n.
 - A. A. A. Program - J. H. Quisenberry, Dist. Agrl. Agent
 - Machine Placement of Fertilizers - G. A. Cummings, U. S. D. A., Bureau of Agricultural Engineering
- 3.30 p. m. Machinery demonstrations and observation of Experiment Station Plots

EXPERIMENTS

- (1) Lima Bean Fertilizer Placement Experiment
- (2) Source of Nitrogen and Neutral vs Acid Reacting Fertilizers Experiment
- (3) Lime Experiment (6 forms of lime used)
- (4) Fertilizer Placement Experiment (U. S. D. A. Cooperating)

Methods of Placement:

Fertz. Key No.
6-6-6 : 12-12-10

(A)	(B)	
1	9	In mark, lightly mixed with soil
2	10	In mark, mixed well with soil
3	11	On each side in narrow bands, 2" away from seed piece, on same level
4	12	On each side, 2" away and 2" below level of seed piece
5	13	On each side, 4" away, on level with seed piece
6	14	On each side, 1" away, on level with seed piece
7	15	Underneath, 4" band, covered with 1" of soil
8	16	Local method - applied in furrow, 15" band, cultivated and planted as separate operation
	17	Check - No fertilizer

DEMONSTRATIONS

(Cont'd.)

- (5) Sweet Potato Experiments:
 - (a) Plant Spacing Test
 - (b) Triangulation Fertilizer Experiment With Porto Rico
 - (c) Sprout Treatment Experiment
- (6) Nitrogen and Potash Study (U. S. D. A. Cooperating)
- (7) 6-6-6 Brands Test (Each brand is represented by a single row 97' long, replicated 6 times)
- (8) Strawberry Variety Test
- (9) Bean Beetle Control Experiment (U. S. D. A., Bureau of Entomology Cooperating) 152 Plates
- (10) Twin-Row Method of Planting Potatoes
- (11) Source-of-Good Test Plot
- (12) Nutritional Experiment (Fertilizer reinforced with magnesium, copper, zinc, manganese, etc.)

DEMONSTRATIONS

- (1) Spraying and Dusting
- (2) Soil Testing
- (3) Grading

EXHIBITS

- (1) Specimens of Irish Cobbler Seed Used in Source-of-Good Demonstration Plots
- (2) Economic Insect Exhibit With Special Reference to the Mexican Bean Beetle and Japanese Beetle
- (3) Potato Machinery Exhibit, Including Planters, Fertilizer Distributors, Sprayers, Dusters, Graders, Etc.

Other Important Meetings:

- (1) Worcester County, Maryland, Potato Tour and Field Day, Pilchard Farm, Pocomoke, Md. June 20
- (2) Meeting of Northeastern Section of American Society of Agronomy, New Brunswick, New Jersey June 21-22
(This meeting will include a tour of the potato-growing district)

MAKE YOURSELF AT HOME

ASK QUESTIONS

COME AGAIN

COOPERATIVE EXTENSION WORK
IN
AGRICULTURE AND HOME ECONOMICS
STATE OF VIRGINIA

Onley, Virginia
June 13, 1934

EXTENSION SERVICE
COUNTY AGENT WORK

VIRGINIA AGRICULTURAL AND MECHANICAL
COLLEGE AND POLYTECHNIC INSTITUTE
AND UNITED STATES DEPARTMENT OF
AGRICULTURE, COOPERATION

SUBJECT: TWELFTH ANNUAL POTATO FIELD DAY AND TOUR
Tuesday, June 19, 1934

Dear Pastor:

Our Twelfth Annual Eastern Shore of Virginia Potato Field Day and Tour will be held on Tuesday, June 19, 1934. We hope you will be with us.

The ministers of the Shore have always been very kind in helping advertise our Field Days by making a simple announcement regarding the meeting in their pulpits on the preceding Sunday.

The schedule for this year's meeting follows:

- 9.30 a. m. Assemble at the B. P. Paradise Farm,
3 miles west of New Church, Va.
- 11.15 a. m. Stop at Mason Flat, south of Hoppersville, Va.
- 11.45 a. m. Arrive at Eastern Shore Experiment Station,
Onley, Va.
- 12.00 Noon Lunch, served by ladies of the Onley Community
Organization
- 1.30 p. m. Speeches
- 3.30 p. m. Machinery demonstrations and inspection of
Experiment Station Plots

Among the outstanding speakers on our program will be Dr. R. H. Zimmerman, Director of the Virginia Truck Experiment Station, Norfolk, Va., Mr. J. H. Quisenberry, District Agricultural Agent, Frederick Hall, Va., and Captain C. R. Arnold, of the Farm Credit Administration.

This meeting will afford the farmers of this section an ideal opportunity to receive the most up-to-date information on potato production, and to meet representatives of the Farm Credit Administration as the Production Credit Corporation, Bank for Cooperatives, Federal Land Bank, and Federal Intermediate Credit Bank will have representatives with us.

We are looking forward to having you with us on the 19th, and anything you can do to bring this meeting to the attention of your people will be deeply appreciated.

Very truly yours,

W. C. Strong
W. C. Strong, County Agent.

COOPERATIVE EXTENSION WORK
IN
AGRICULTURE AND HOME ECONOMICS
STATE OF VIRGINIA

Onley, Virginia
June 15, 1934

EXTENSION SERVICE
COUNTY AGENT WORK

VIRGINIA AGRICULTURAL AND MECHANICAL
COLLEGE AND POLYTECHNIC INSTITUTE
AND UNITED STATES DEPARTMENT OF
AGRICULTURE, COOPERATING

Dear Committeeman:

I wrote to you last week, advising that our Twelfth Annual Potato Field Day and Tour will be held on Tuesday, June 19. I hope you have advertised this fact in your section and that your friends and neighbors are planning to attend the meeting.

The meeting schedule follows:

- 9.30 a. m. Assemble at the B. P. Paradise Farm, 3 miles west of New Church, Va.
- 11.15 a. m. Stop at Mason Flat, south of Mappsville, Va.
- 11.45 a. m. Arrive at Eastern Shore Experiment Station, Onley, Va.
- 12.00 Noon. Lunch, served by ladies of the Onley Community Organization
- 1.30 p. m. Speeches
- 3.30 p. m. Machinery demonstrations and inspection of Experiment Station Plots

Among the outstanding speakers on our program will be Dr. H. H. Zimmerman, of the Virginia Truck Experiment Station, Norfolk, Va., J. H. Quisenberry, District Agricultural Agent, Frederick Hall, Va., and Captain C. R. Arnold, of the Farm Credit Administration.

We solicit your help in making this the most successful Potato Field Day we have ever held. You can do your part by coming to the meeting and by urging your neighbors to attend.

I want to thank you in advance for the cooperation I know you will give in this connection.

Very truly yours,

F. C. Strong
F. C. Strong, County Agent

COOPERATIVE EXTENSION WORK
IN
AGRICULTURE AND HOME ECONOMICS
STATE OF VIRGINIA

VIRGINIA AGRICULTURAL AND MECHANICAL
COLLEGE AND POLYTECHNIC INSTITUTE
AND OTHER RELATED DEPARTMENT OF
AGRICULTURAL COOPERATION

Onley, Virginia
June 14, 1934

EXTENSION SERVICE
COUNTY AGENT WORK

SUBJECT: TWELFTH ANNUAL EASTERN SHORE OF VIRGINIA POTATO FIELD DAY
Eastern Shore Experiment Station, Onley, Va., Tuesday, June 19, 1934

Dear Sir:

Arrangements are now complete for one of the most interesting Potato Field Days we have ever held. Many changes and developments have occurred during the past year or so in the potato industry as well as agriculture in general, and we have made every effort possible to 'keep up'.

In the upper part of Accomack County we are conducting a very intensive flea beetle control experiment which should be of interest to every potato grower in this section. At the Experiment Station we have a number of new and fundamental potato experiments with fertilizers, fertilizer placement, and lime. In this work we have the cooperation of the U. S. Department of Agriculture, Bureau of Chemistry and Soils and Agricultural Engineering.

We expect to have on display an unusually large and interesting machinery exhibit.

Among the outstanding speakers on our program will be Dr. H. H. Zimmerman, Director of the Virginia Truck Experiment Station, Norfolk, Va., J. H. Quisenberry, District Agricultural Agent, Frederick Hall, Va., and Captain C. R. Arnold, of the Farm Credit Administration, Washington, D. C.

The meeting schedule is as follows:

- 9.30 a. m. Assemble at the B. P. Paradise Farm, 3 miles west of New Church, Va.
- 11.15 a. m. Stop at Mason Flat, south of Haysville, Va.
- 11.45 a. m. Arrive at Eastern Shore Experiment Station, Onley, Va.
- 12.00 Noon Lunch, served by ladies of the Onley Community Organization
- 1.30 p. m. Speeches
- 3.30 p. m. Machinery demonstrations and inspection of Experiment Station Plots

If you have been attending our meetings each year, we will welcome you back this year; and if you have never attended, we hope you will begin to 'form the habit' by being with us on the 19th.

Very truly yours,

W. O. Strong
W. O. Strong, County Agent.

WOS-p

COOPERATIVE EXTENSION WORK
IN
AGRICULTURE AND HOME ECONOMICS
STATE OF VIRGINIA

U. S. DEPARTMENT OF AGRICULTURE
BUREAU OF EXTENSION SERVICE
AND UNITED STATES DEPARTMENT OF
AGRICULTURE, COOPERATION

EXTENSION SERVICE
COUNTY AGENT WORK

Onley, Virginia
June 14, 1934

Dear Friend:

I want to thank you in advance for hanging up
the enclosed poster regarding our Twelfth Annual
Eastern Shore of Virginia Potato Field Day and Tour.

We are anxious for every potato grower on the
Eastern Shore to avail himself of this opportunity
to observe our experimental work, inspect the com-
plete line of farm machinery which will be on dis-
play here at the Experiment Station, and receive
valuable information from authorities on agriculture
and farm credit.

I shall surely appreciate your calling the
enclosed poster to the attention of those who visit
your place of business, and if I can reciprocate the
favor in any way, I trust you will not hesitate to call
upon me.

Very truly yours,

W. C. Strong
W. C. Strong, County Agent.

WCS-p

TWELFTH ANNUAL Potato Field Day

E. S. EXPERIMENT STATION

Onley, Virginia

TUESDAY, JUNE 19, 1934

SCHEDULE

- 9:30 a. m. Assemble at the B. P. Paradee Farm, 3 miles west of New Church, Va.
Observe potatoes planted in Twin Rows, E. R. Phillips Farm, New Church, Va.
Stop at Seed Source Plat, R. Finney Mason Farm, Mappsville, Va.
Observe Magnesium Source and other experiments, Perry Bloxom Farm, Pastorina, Va.
Those South of Onley attending Field Day should observe J. L. Turner's Plat, at Painter, Va., and G. C. Bonniwell's Plat, at Pungoteague, Va.
- 11:45 a. m. Arrive at Eastern Shore Experiment Station, Onley, Va.
- 12:00 Noon Lunch, served by the ladies of Onley Community Organization.
-
-

- 1:30 p. m. Program of Speeches:
Address of Welcome—Dr. H. H. Zimmerley, Virginia Truck Experiment Station.
Agricultural Credit—Captain C. R. Arnold, Farm Credit Administration.
A. A. A. Program—J. H. Quisenberry, District Agricultural Agent.
Machine Placement of Fertilizers—G. A. Cummings, U. S. D. A., Bureau of Agricultural Engineering.

Other prominent men on program.

- 3:30 p. m. Machinery demonstrations and observation of Experiment Station Plats.

W. O. Strong and H. M. Nichols

County Agents

Please Post

COOPERATIVE EXTENSION WORK
IN
AGRICULTURE AND HOME ECONOMICS
STATE OF VIRGINIA

VIRGINIA AGRICULTURAL AND MECHANICAL
COLLEGE AND POLYTECHNIC INSTITUTE
AND UNITED STATES DEPARTMENT OF
AGRICULTURE, COOPERATION

EXTENSION SERVICE
COUNTY AGENT WORK

Onley, Virginia
June 5, 1934

Dear Committeeman:

Mr. B. P. Pardee, Chairman of our Accomack County Agricultural Advisory Board has asked me to write to you concerning our Twelfth Annual Potato Tour and Field Day, which will be held here at the Eastern Shore Experiment Station, Onley, Virginia, on Tuesday, June 19, 1934.

It is now time for us to make plans and the necessary arrangements for this meeting. We have been holding these field days for a dozen years, and we are especially anxious to make this the best we have ever held. As in the past, I have tried to arrange our date to just precede the northern potato tours and field days. Therefore, this year our meeting is scheduled for Tuesday, June 19, which date I trust will be satisfactory to you.

Inasmuch as flea beetle control work is becoming so important, we should like to spend an hour or so in the morning near Miona, where the Experiment Station is conducting a very intensive and thorough Flea Beetle Control Experiment. Mr. L. D. Anderson, Assistant Entomologist of the Virginia Truck Experiment Station, is conducting this work on the Pardee and Miles Farms, near Miona. This work should be of interest to every potato grower, for according to our records flea beetle control is becoming more and more important in Accomack County as these insects are apparently migrating south. In our tests last year we were able to increase the yield around 25 barrels per acre by controlling these insects.

I think we can get lunch served by the ladies of the Onley Community Organization, after which we can have a speaking program and inspect the work here at the Experiment Station. It has been suggested that we try to secure as our guest speaker some one from the Farm Credit Administration in Washington, inasmuch as the Federal Land Bank, Bank for Cooperatives, and Production Credit Association have lent our farmers around \$1,500,000.00.

We have some unusually interesting experiments this year here at the Experiment Station which every potato grower should see. Some of our work with fertilizers and fertilizer placement proves the distinct advantage of proper placement and the use of the right kind of fertilizer.

Anything you can do to induce your neighbors to come out to this meeting will prove of great benefit to them.

Appreciating your interest and cooperation, I am

Very truly yours,

W. C. Strong
W. C. Strong, County Agent
Supt., Eastern Shore Experiment Station

COOPERATIVE EXTENSION WORK
IN
AGRICULTURE AND HOME ECONOMICS
STATE OF VIRGINIA

VIRGINIA AGRICULTURAL AND MECHANICAL
COLLEGE AND POLYTECHNIC INSTITUTE
AND UNITED STATES DEPARTMENT OF
AGRICULTURE, COOPERATORS

EXTENSION SERVICE
COUNTY AGENT WORK

ANNOUNCING TWELFTH ANNUAL EASTERN SHORE OF VIRGINIA POTATO FIELD DAY AND TOUR

Tuesday, June 19, 1934, Eastern Shore Branch of the
Virginia Truck Experiment Station, Onley, Va.

Arrangements are being made for another big Potato Field Day. This announcement constitutes a special invitation for you to be with us again this year. A more interesting program than ever before is being arranged.

Some of the field demonstrations and tests to be observed during the day are:

- (1) Flea Beetle Control Experiment, West of New Church
- (2) Plots Containing Cobblers From the Most Important Seed-Growing Districts
- (3) New Early Varieties Being Developed By the United States Dept. of Agriculture
- (4) Lime Experiment on Irish Potatoes
- (5) Fertilizer Placement Experiment With Irish Potatoes and Lima Beans
- (6) Sweet Potato Plant Treatment and Fertilizer Experiments
- (7) Strawberry Variety Tests
- (8) Potatoes Planted By Twin-Row Method
- (9) Extensive Bean Beetle Control Experiment

Potato machinery will be exhibited and demonstrated, and a program which will be of interest to all who attend is being prepared.

Lunch will be served on the Experiment Station Grounds.

A large number of out-of-State, as well as local, people have already expressed intentions of being with us.

We are looking forward to the pleasure of seeing you on the 19th.

Very truly yours,

W. C. Strong
W. C. Strong, County Agent

WCG-p

P. S. On the day following our meeting, the Worcester County, Md., Potato Field Day and Tour will be held at Snow Hill, Md. And on the 21st and 22d of June, the Northeastern Section of the American Society of Agronomy is holding a meeting in New Jersey, which will include a tour of the potato-growing section.

COOPERATIVE EXTENSION WORK
IN
AGRICULTURE AND HOME ECONOMICS
STATE OF VIRGINIA

VIRGINIA AGRICULTURAL AND MECHANICAL
COLLEGE AND POLYTECHNIC INSTITUTE
AND UNITED STATES DEPARTMENT OF
AGRICULTURE, COOPERATION

EXTENSION SERVICE
COUNTY AGENT WORK

Onley, Virginia
June 1, 1934

Gentlemen:

Our Twelfth Annual Eastern Shore of Virginia
Potato Field Day and Tour will be held here at the
Experiment Station on Tuesday, June 19.

We are particularly anxious to have the various
lime companies represented for we are realizing more
and more each year the importance of lime to our
soils.

The lime experiment which we have been running
here at the Experiment Station for three years will
be of special interest to you.

We also have a wide variety of other experiments
which will be observed and explained, and we are pre-
paring a program which will be of interest to all those
who attend.

Looking forward to having you with us on the 19th,
I am

Very truly yours,

WOS-p

W. O. Strong, County Agent

P. S. Two other meetings of importance during the week
of our meeting are

Worcester County, Md., Potato Tour
and Field Day, Snow Hill - June 20

Meeting of Northeastern Section of
American Society of Agronomy,
New Jersey - June 21-22

COOPERATIVE EXTENSION WORK
IN
AGRICULTURE AND HOME ECONOMICS
STATE OF VIRGINIA

GENERAL AGRICULTURAL AND MECHANICAL
SCIENCE AND HORTICULTURE DIVISION
AND UNITED STATES DEPARTMENT OF
AGRICULTURE, WASHINGTON

EXTENSION SERVICE
COUNTY AGENT WORK

Onley, Virginia
June 1, 1934

Gentlemen:

We are holding our Twelfth Annual Eastern Shore of Virginia Potato Field Day and Tour on Tuesday, June 19, and are expecting a large attendance. Last year there were about 300 people present, representing 10 states and the District of Columbia. And there was a very good representation of fertilizer companies.

I am quite sure you will be especially interested in inspecting our fertilizer placement experiment in which we have single and double strength fertilizers applied in eight different positions in relation to the seed piece. Perhaps you may recall that there was very little difference in the appearance of the potatoes last year; it is quite the opposite this year, and the proper placement of fertilizer appears to be very important.

As usual, we are running our comparative brand test, but this year we have all the brands replicated five times which will give the fertilizer companies a better opportunity to check up on their particular brands.

We are planning a well diversified program which we believe will cause you to feel that the day has been well spent.

Looking forward to the pleasure of having you with us on the 19th, I am

Very truly yours,

EQG-p

W. C. Strong, County Agent

COOPERATIVE EXTENSION WORK IN AGRICULTURE AND HOME ECONOMICS - STATE OF VIRGINIA
Va. Agri. & Mech. Col.
and Poly. Inst. & U.S.D.A., Coop.
Extension Service

Onley, Virginia
May 30, 1934

Dear Fellow Worker:

I am writing below a news release in connection with our Twelfth Annual Potato Tour and Field Day. I want to extend to you a personal invitation to attend our meeting this year. We are expecting a large attendance and are planning a program which will be of interest to all.

Any publicity you may give this article will be appreciated,

Very truly yours,

WOG-p

W. O. Strong, County Agent

TWELFTH ANNUAL EASTERN SHORE OF VIRGINIA POTATO TOUR AND FIELD DAY

Eastern Shore Branch, Va. Truck Exp. Station
Onley, Virginia - June 19, 1934

The Twelfth Annual Potato Tour and Field Day of the Eastern Shore of Virginia will be held at the Eastern Shore Branch of the Virginia Truck Experiment Station, Onley, Virginia, on Tuesday, June 19, 1934.

Each year large numbers of potato specialists, Extension workers, fertilizer, lime, insecticide, and farm implement dealers, out-of-state potato growers, and several hundred local farmers attend and derive much benefit and pleasure from this meeting. In 1933, ten states and the District of Columbia were represented in the attendance, namely, Virginia, Maryland, Delaware, North Carolina, Pennsylvania, New Jersey, New York, Indiana, North Dakota, and Florida.

Cobblers from all the leading commercial seed-producing regions are being grown in test plots at the Experiment Station. This test, as well as a number of other interesting experiments, will be observed by those in attendance and discussed by officials of the Virginia Truck Experiment Station. There are also seed test plots at various other points throughout Accomack County which will be observed during the course of the day. A tour will also be made to a farm near Mims, Virginia, where a number of interesting flea beetle experiments are under way. These experiments will be explained by the Entomologists who are conducting them.

Irish Potatoes, Cont'd.

Potato Marketing Much time was given in an effort to improve the potato marketing situation. As a result of a number of dealers' and leaders' meetings and trips to Washington, a Marketing Agreement was finally perfected and signed by sufficient marketing agencies to make it effective on the Eastern Shore of Virginia and Maryland, Norfolk, and North Carolina potato shipping areas.* Much credit is due A. E. Bercker, W. O. Neal, and others of the Bureau of Agricultural Economics and Agricultural Adjustment Administration for their untiring effort and work in this connection.

The Marketing Agreement was in active operation only about two or three weeks and even though it did not appear in the minds of some to improve the disastrous situation, it did, however, give the Committee an opportunity to get some experience in the mechanics of its operation and unquestionably controlled to some extent the movement of potatoes to market.

* See Copy of Marketing Agreement on following pages.

COOPERATIVE EXTENSION WORK
IN
AGRICULTURE AND HOME ECONOMICS
STATE OF VIRGINIA

VIRGINIA AGRICULTURAL AND MECHANICAL
COLLEGE AND POLYTECHNIC INSTITUTE
AND OTHER STATE DEPARTMENT OF
AGRICULTURE, COOPERATION

EXTENSION SERVICE
COUNTY AGENT WORK

Orley, Virginia
December 29, 1933

RE: POTATO ACREAGE CONTROL MEETING OF OPERATORS
AND FINANCING AGENCIES - Central High School,
Painter, Va., January 3, 1934, 1.30 p. m.

Dear Sir:

Mr. A. E. Mareker, Executive Secretary of the Interstate Early Potato Committee, advises me that the North Carolina Acreage Control Meeting which he held with operators and financing agencies at Washington, North Carolina, last week was very successful. As you know, North Carolina was planning to increase its acreage 43 to 50 per cent, and according to Mr. Mareker they have agreed to hold their acreage down as near the 1933 acreage as possible.

From all indications, Virginia potato growers are also planning to materially increase their acreage and Mr. Mareker would like to meet our operators, financing agencies, and others in an effort to see what can be done to hold the Virginia acreage down to the 1933 planting. Therefore, please do not let anything interfere with your attendance at the meeting at Central High School, Painter, Va., on Wednesday, January 3, 1934, at 1.30 p. m.

With best wishes for a prosperous New Year, I am

Very truly yours,

W. O. Strong

W. O. Strong, County Agent.

WOS-p

COOPERATIVE EXTENSION WORK
IN
AGRICULTURE AND HOME ECONOMICS
STATE OF VIRGINIA

SOILS AGRICULTURAL AND MECHANICAL
COLLEGE AND POLYTECHNIC INSTITUTE
AND UNITED STATES DEPARTMENT OF
AGRICULTURE, WASHINGTON

EXTENSION SERVICE
COUNTY AGENT WORK

Orley, Virginia,
April 14, 1934.

Re: POTATO MARKETING AGREEMENT MEETING
ACCOMACK COURT HOUSE
APRIL 19th at 10:00 A. M.

At the request of A. E. Meroker, Executive Secretary, Interstate Early Potato Committee, there will be a very important meeting of the Marketing Agencies and Growers to discuss the proposed MARKETING AGREEMENT FOR IRISH POTATOES grown in Georgia, South Carolina, North Carolina, Virginia and Maryland.

There has already been a meeting held on this plan in Washington, North Carolina, on Thursday the 12th, with favorable reaction.

It is very important that every operator and large grower of the Eastern Shore of Virginia and Maryland attend this meeting, Thursday, April 19th at 10:00 A. M. for something should be done concerning the handling of this summer's crop.

With best wishes, I am

Very truly yours,

W. E. Strong
W. E. Strong
County Agent.

WOS:E

COOPERATIVE EXTENSION WORK
IN
AGRICULTURE AND HOME ECONOMICS
STATE OF VIRGINIA

VIRGINIA AGRICULTURAL AND MECHANICAL
COLLEGE AND EXPERIMENT STATION
AND UNITED STATES DEPARTMENT OF
AGRICULTURE, COOPERATING

EXTENSION SERVICE
COUNTY AGENT WORK

Galley, Virginia
April 17, 1934

TO THE PRODUCE DEALERS OF THE EASTERN SHORE OF VIRGINIA AND MARYLAND

Re: Potato Marketing Meeting

Accumac Court House

April 17, 1934 - 10.00 a. m.

You will be interested to know that at the Washington, North Carolina, meeting, representing the Norfolk and North Carolina territory, there were 9,229 cars represented by shippers. Persons representing 7,500 cars voted in favor of the Marketing Agreement and signed the formal petition for a hearing. This was an big sign-up for such a petition for hearing.

It is suggested that you come to the meeting on Thursday definitely advised regarding the number of cars you actually handled in 1933; also, that you come duly authorized to sign a formal petition asking the Agricultural Adjustment Administration for a hearing on this Agreement.

It is understood that signing such a formal petition for hearing does not bind any organization or shipper to sign the Marketing Agreement if finally adopted.

Your attention to the above and your presence at the meeting on Thursday will be appreciated.

Very truly yours,


W. O. Strong, County Agent.

WOS-p

COOPERATIVE EXTENSION WORK
IN
AGRICULTURE AND HOME ECONOMICS
STATE OF VIRGINIA

VIRGINIA AGRICULTURAL AND MECHANICAL
COLLEGE AND POLYTECHNIC INSTITUTE
AND UNITED STATES DEPARTMENT OF
AGRICULTURE, COOPERATING

EXTENSION SERVICE
COUNTY AGENT WORK

Onley, Virginia

June 28, 1934

As you already know, there will be a meeting of all the potato handlers or dealers operating on the Eastern Shore of Virginia and Maryland at Whispering Pines, at 7.00 p. m., Monday, July 2.

The purpose of this meeting is to elect the dealers' members of the Control Board and Promotion Committee as provided in the Marketing Agreement. Mr. W. C. Neal, of the Department of Agriculture, will be with us.

This will be a dinner meeting, those attending paying for their own plates. Kindly advise me by telephone (Chancock 115-F-12) the number of representatives you will have present at the meeting from your organization in order that I may make the necessary arrangements with the management at Whispering Pines.

Very truly yours,

W. O. Strong
W. O. Strong, County Agent.

WOS-p

POTATO GROWERS' MASS MEETING

REPRESENTING

ACCOMAC-NORTHAMPTON
COUNTIES

AT

CENTRAL HIGH SCHOOL

SATURDAY, JUNE 30th. 2:30 P.M.

The purpose of the meeting: to elect representatives
on Control Board and Proration Committee in connection
with Potato Marketing Agreement.

PLEASE POST

W. O. STRONG, CO. AST.
OULEY, WA.

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL ADJUSTMENT ADMINISTRATION

TENTATIVELY APPROVED MARKETING AGREEMENT

FOR

EASTERN POTATOES

GROWN IN FLORIDA, GEORGIA, SOUTH CAROLINA,

NORTH CAROLINA, VIRGINIA, AND MARYLAND

It is hereby certified that the document attached hereto is a true and correct copy of the said Marketing Agreement as tentatively approved by the Secretary of Agriculture, June 22, 1934.

(Signed) James K. Knudson
Acting Chief Hearing Clerk.

Dated: June 22, 1934

Washington, D. C.

Now, therefore, the parties hereto agree as follows:

ARTICLE II -- DEFINITIONS

Section 1. As used in this Agreement, the following terms have the following meanings:

1. "Secretary" means the Secretary of Agriculture of the United States.
2. "Act" means the Agricultural Adjustment Act, approved May 12, 1933, as amended.
3. "Person" means individual, partnership, corporation, association or any other business unit.
4. "Potatoes" means and includes all varieties of potatoes (*Solanum tuberosum*) grown in the States of Florida, Georgia, South Carolina, North Carolina, Virginia and Maryland.
5. "Shipper" means and includes any person whether or not such person is also a producer engaged wholly or in part in the business of shipping or consigning potatoes grown in any and all of the districts as herein defined from any point within said respective Districts.
6. "Signatory shipper" means any shipper who is party signatory to this Agreement.
7. "Producer" means any producer of potatoes grown in any of said Districts as herein defined. "Signatory producer" means any producer who is a party signatory to this Agreement.
8. "Ship" means to convey or cause to be conveyed in the continental United States and/or Canada by rail, truck, boat, or by any means whatsoever, whether as owner, agent or otherwise, in the current of interstate or foreign commerce.
9. "Control Committee" means the Control Committee created pursuant to article III hereof.
10. "Manager" means the manager, appointed by the Control Committee pursuant to article III hereof.
11. "Executive Committee" means the Executive Committee elected pursuant to article IV hereof.
12. "District Proration Committee" means any of the Proration Committees elected pursuant to article V hereof.

ARTICLE III -- CONTROL COMMITTEE

Section I. A Control Committee, consisting of signatory producers and signatory shippers, shall be established which shall be selected in accordance with the provisions of this article and shall serve until September 15th of each year and until their respective successors are selected. The initial members shall be selected within ten (10) days after the effective date of this agreement and their respective successors (other than those selected to fill vacancies) shall be selected annually thereafter at least fifteen (15) days prior to the termination of the term of office of their respective predecessors. No delay in the selection of any member or successor shall be deemed to invalidate any such selection.

Sec. 2. 1. Each District from which there has been shipped less than 2,000 carloads of potatoes during the preceding year shall be entitled to one member, who, and his successor, shall be selected by the shippers of such District: Provided, however, That if in any such District any shipper or shippers have, individually, shipped more than 25% of all potatoes shipped from such District, then in that event such District shall be entitled to two members, one of whom shall be selected by the remaining shippers in such District and the other member shall be selected by such shippers who have individually shipped more than 25% of all potatoes shipped from such District.

2. Each District from which there has been shipped not less than 2,000 carloads and not more than 5,000 carloads of potatoes during the preceding year shall be entitled to two members, who, and their respective successors, shall be selected by shippers of such District: Provided, however, That (1) if in any such District one shipper has shipped more than 25% of all potatoes shipped from such District, then in that event, one of said members shall be selected by the remaining shippers in such District and the other member shall be selected by such shipper who has individually shipped more than 25% of all potatoes shipped from such District and (2) if in any such District more than one shipper has individually shipped more than 25% of all potatoes shipped from such District, then, in that event, such District shall be entitled to three members, one of whom shall be selected by the remaining shippers in such District and the other two members shall be selected by such shippers who have individually shipped more than 25% of all potatoes shipped from such District.

3. Each District from which there has been shipped more than 5,000 carloads of potatoes during the preceding year shall be entitled to three (3) members who, and their respective successors, shall be selected by the shippers of such District: Provided, however, That (1) if in any such District any shipper has shipped more than 25% of all potatoes shipped from such District, then, in that event, two (2) of said members shall be selected by the remaining shippers in such District and the other members shall be selected by such shipper who has individually shipped more than 25% of all potatoes shipped from such District and (2) if in any such District, more than one shipper has individually shipped more than 25% of all potatoes shipped from such District, then, in that event, one of said members shall be selected by the remaining shippers in such District and the other two members shall be selected by such shippers who have individually shipped more than 25% of all potatoes shipped from such District.

4. A member and his successor shall be selected by the producers of each District for every shipper representative selected and named for such District as hereinabove provided in this article. Such member so selected shall be a producer of potatoes who is not engaged in the business of shipping, consigning, or otherwise handling potatoes other than potatoes of his own production.

5. All members and each of their respective successors to be selected as hereinabove provided, shall be selected by general elections in which all shippers and producers as herein provided, shall be entitled to participate. At any such elections each shipper and/or producer shall be entitled to cast but one vote on behalf of himself, agents, partners, affiliates, subsidiaries and representatives.

6. No shipper, including his subsidiaries and affiliates, shall be represented by more than one member on the Control Committee.

7. The number of carloads of potatoes shipped from any district shall be determined in terms of carloads or their equivalent, as recorded by the United States Department of Agriculture for the preceding year.

Sec. 3. Every group of person selecting or naming a member of the Control Committee may, in the same manner, at any time, select or name an alternate to act in the place of such member, (a) in his absence and/or (b) in the event of his removal, resignation or disqualification until a successor for his unexpired term has been selected or named.

Sec. 4. To fill any vacancy occasioned by the removal, resignation or disqualification of any member of the Control Committee, a successor for his unexpired term shall be selected or named within fifteen (15) days after such vacancy occurs, by the person, persons, or group by whom, and in the same manner as, such member was selected or named.

Sec. 5. If any member or successor is not selected within the applicable period specified in this article, the Secretary may select a person with full power to act as a member, to serve until such member or successor is selected.

Sec. 6. Upon the selection of three-fourths of its members, the Control Committee may organize and commence to function; Provided, however, That: (a) This provision shall not affect or supersede any other provision in this Agreement requiring a minimum vote with respect to specified action to be taken by the Control Committee; and (b) The Control Committee shall not perform any of its duties or powers herein granted while there are vacancies equal to or in excess of one-fourth of the total membership thereof.

Sec. 7. Upon the selection of any member or members of the Control Committee, the Secretary of said Control Committee shall certify to the Secretary, the name and address of each such member, and of his alternate, if any, and the date or dates of their selection. Before performing any duties as a member of the Control Committee each member thereof shall file with the Secretary a written acceptance of office, oath, and agreement to perform his duties as such member. The members and alternates, if any, so certified to the Secretary, shall be deemed for all purposes to be the duly selected members and alternates of the Control Committee, subject, however, to the right of any interested party to protest such selection, in accordance with the applicable administrative orders issued by the Secretary.

Sec. 8. The members of the Control Committee or of any other committee created hereunder (including successors, alternates or persons selected by the Secretary), and any agent or employees appointed or employed by the Control Committee or by any other committee, shall be subject to removal by the Secretary at any time with or without cause. Each and every order, regulation, decision, determination or other act of the Control Committee, or of any other committee, shall be subject to the continuing right of the Secretary to disapprove of the same at any time, and upon such disapproval, shall be deemed null and void except as to acts done in reliance thereon or in compliance therewith.

Sec. 9. Members of the Control Committee shall serve without compensation, but shall be entitled to expenses necessarily incurred in the performance of their duties hereunder.

Sec. 10. The powers and duties of the Control Committee shall include the following:

1. To elect a chairman and, from time to time, such other officers as it may deem advisable, and to adopt rules and regulations for the performance of its duties under this Agreement.

2. To supervise the performance of this Agreement and to act as intermediary between the Secretary and the shippers, and the producers.

3. To appoint a manager and such other employees as it deems necessary and to determine the salaries and define the duties of such employees.

4. To appoint and define the duties and additional committees or subcommittees to assist it in the performance of any of its duties and functions hereunder.

5. To investigate suspected violations of this Agreement and to hear and dispose of all questions, disputes and complaints arising in connection with the performance of this Agreement. If a member of the Control Committee shall be an interested party to any complaint or dispute or a representative of such an interested party, he shall, for the purpose of the consideration of such dispute or complaint, be disqualified as a member of the Control Committee. Such disqualifications, however, shall not be deemed to create a vacancy in the Control Committee within the prohibition of subdivision (b) of section 6 of this article.

An appeal in writing may be taken to the Secretary from any decision of the Control Committee, by any person aggrieved thereby within ten (10) days after the decision is announced. Pending decision of any such appeal by the Secretary, the parties involved shall abide by the decision of the Control Committee unless the Secretary shall rule otherwise. In the event of an appeal, it shall be the duty of the Control Committee to forward to the Secretary its complete record with regard to such matter of such appeal.

6. To negotiate and confer with representatives of shippers and/or producers of potatoes produced in other states and areas, with respect to the formulation of a marketing agreement providing for the proration of shipments among the several areas in the United States where potatoes are grown.

Sec. 11. No shipper shall be entitled to participate in the selection of members of the Control Committee in accordance with the terms of this article, if he has failed to pay his contribution pursuant to article IX of this Agreement or pursuant to any license supplementary hereto issued pursuant to section 8 (3) of the Act.

ARTICLE IV -- EXECUTIVE COMMITTEE

Section 1. An Executive Committee shall be established consisting of seven (7) members who shall be selected in accordance with the provisions of this article and are to serve until September 15th of each year, and until their respective successors are selected. The initial members shall be selected within ten (10) days after the organization of the Control Committee and their respective successors (other than those selected to fill vacancies) shall be selected annually thereafter as herein provided. No delays in selection of any member or successor shall be deemed to invalidate any such selection.

Sec. 2. One member and his successor shall be selected for each district from the district membership of the Control Committee by a majority vote of said district members.

Sec. 3. Every group or persons selecting a member of the Executive Committee may, in the same manner, at any time, select an alternate to act in the place of such member, (a) in his absence and/or (b) in the event of his removal, resignation or disqualification until a successor for his unexpired term has been selected.

Sec. 4. To fill any vacancy occasioned by the removal, resignation or disqualification of any member of the Executive Committee, a successor for his unexpired term shall be selected within fifteen (15) days after such vacancy occurs, by the person, persons or group by whom, and in the same manner as, such member was selected.

Sec. 5. The powers and duties of the Executive Committee shall be defined by the Control Committee; Provided, however, That season proration as defined in article VI shall be determined only by the Control Committee.

ARTICLE V -- DISTRICT PRORATION COMMITTEE

Section 1. A Proration Committee shall be established in each district consisting of seven (7) members who shall be selected in accordance with the provisions of this article, and shall serve until the 15th day of September of each year and until their respective successors are selected. The initial members shall be selected within ten (10) days

after the effective day of this Agreement and their respective successors (other than those elected to fill vacancies), shall be selected annually at least fifteen (15) days prior to the termination of the term of their respective predecessors. No delay in the selection of any member or successor shall be deemed to invalidate any such selection.

Sec. 2. 1. Three (3) members and each of their respective successors shall be selected by a general election in which all shippers of the district shall be entitled to participate. At any such election each shipper shall be entitled to cast but one vote on behalf of himself, agents, partners, affiliates, subsidiaries and representatives.

2. Three (3) members and each of their respective successors shall be selected by a general election in which all producers of the district shall be entitled to participate. At any such election each producer shall be entitled to cast but one vote on behalf of himself, agents, partners, affiliates, subsidiaries and representatives.

3. One (1) member and his successor in each district shall be selected by a majority vote of the members selected pursuant to the preceding paragraphs of this section.

Sec. 3. Each person, persons, or group in each district selecting a member of the District Proration Committee may, in the same manner, at any time, select an alternate, to act in the place and stead of such member (a) in his absence, and/or (b) in the event of his removal, resignation or disqualification until a successor for his unexpired term has been selected.

Sec. 4. To fill any vacancy occasioned by the removal, resignation or disqualification of any member of the District Proration Committee, a successor for his unexpired term shall be selected within fifteen (15) days after such vacancy occurs, by the person, persons or group by whom and in the same manner as such member was selected.

Sec. 5. If any member or successor is not selected within the applicable period specified in this article, the Secretary may select a person, with full power to act as a member, to serve until such member or successor is selected.

Sec. 6. Upon the selection of six (6) of its members, the Committee may organize and commence to function; Provided, however, that: (a) this provision shall not affect or supersede any other provision in this Agreement requiring a minimum vote with respect to specified action to be taken by the committee; and (b) the committee shall not perform any of its duties or powers herein granted while there are more than two (2) vacancies in its membership.

Sec. 7. This committee shall have the powers and perform the functions as provided in this Agreement.

ARTICLE VI -- SEASON PRORATION

Section 1. Between the first and fifteenth days of October of each year the Control Committee, subject to the disapproval of the Secretary, shall determine the total quantity of potatoes which it deems advisable to ship from all districts under this Agreement during the succeeding year. Such advisable quantity shall be based on the following factors relative to their effect upon the prices received by producers for early potatoes:

- (a) Early potato production in past years; (b) Quantity of late potatoes available for shipment after October first; (c) Purchasing power of consumers; (d) General price level; (e) Any other pertinent factors.

2. The quantity so determined shall be allocated among the districts under this Agreement on the basis of the calculated production for each such district obtained by multiplying the average acreage based on the preceding five (5) years by the average yield during the preceding ten (10) years for such district. Each such district shall receive a proportionate share of the total advisable quantity to be shipped during the succeeding year which share shall be the proportion which the calculated production for said district bears to the total calculated production for all districts under this Agreement.

In all instances where the same is applicable the official forecasts and estimates of acreage and yield as determined by the Crop Reporting Board of the United States Department of Agriculture shall be used in the computation of such season proration.

3. The Control Committee may, from time to time, with the approval of the Secretary, revise the total quantity of potatoes deemed advisable to ship from all districts during any year and/or change the allotment made to any district at any time in any year if the same may become necessary to effectuate the declared policy of the Act and the purposes of this Agreement.

4. No shipments shall be made from any district under this Agreement in excess of the total amount allotted to such district as determined herein by the Control Committee.

ARTICLE VII -- PERIOD PRORATION

Section 1. In order to stabilize prices by adjusting the supply of potatoes to the market demand, the District Proration Committee may from time to time institute proration of shipments during any period as hereinafter provided.

1. For the purpose of this article "District Proration Committee" means the members thereof who are qualified to vote as herein provided; "Proration period" means any period of time for which the District Proration Committee, determine to institute a proration of shipments:

"available and intended for shipment" means the quantity (subject to the limitations of the total seasonal shipments as determined in article VI) ready or to be ready for shipment and which is intended to be shipped in any proration period.

(a) In determining proration of shipments those District Proration Committees which represent districts under this Agreement wherein potatoes are available and intended for shipment during a proration period shall constitute the District Proration Committees qualified to vote on proration of shipments during any such period. On all questions relative to proration as defined in this article the vote of each District Proration Committee shall be such proportion of the total vote as the available and intended shipments of such district for the proration period is of the total available and intended shipments of all such districts for the proration period.

Sec. 2. The District Proration Committees shall determine the total quantity of potatoes which they deem advisable to be shipped in any proration period.

1. Each shipper who intends to ship any quantity of potatoes during such proration period shall report to the District Proration Committee covering his district at such time and in such manner as said committee may prescribe the quantity of potatoes available and intended for shipment in such proration period which he has authority from the owner or producer to handle or to which he has legal title, together with the name of each such owner and producer and the quantity of potatoes he is authorized to handle for such owner or producer and intends to ship during such proration period.

2. Any producer of potatoes intending to ship potatoes during such proration period which no shipper has authority to ship may report to the District Proration Committee covering his district the quantity which he has available and intends for shipment in such proration period, at the same time and in the same manner as is prescribed for reports by shippers in subdivision (1) of this section.

3. From the reports made pursuant to subdivisions (1) and (2) of this section, the District Proration Committees shall determine the total quantity of potatoes of each and all districts making such reports of potatoes which are available and intended for shipment during such proration period.

4. If the total quantity of potatoes of all districts available and intended for shipment as determined pursuant to subdivision (3) of this section exceeds the quantity deemed advisable for shipment as determined pursuant to section 2 the District Proration Committees shall institute a proration of shipments for such proration period by giving at least thirty-six (36) hours public notice thereof, and shall allocate to each district covered by the District Proration Committees and reporting potatoes available and intended for shipment, a proportionate share of the total quantity of potatoes deemed advisable

for shipment. Such proportionate share shall be determined by applying to the quantity available and intended for shipment by each such district as determined pursuant to subdivision (3) of this section, the percentage which the total quantity deemed advisable for shipment as determined by section (2), is of the total quantity available and intended for shipment by all such districts as determined pursuant to subdivision (3) of this section.

Sec. 3. Upon the determination by the District Proration Committees that proration shall be made effective for any period of time, the District Proration Committees shall notify the District Proration Committee of each district of the allotment for its district during the designated proration period. Thereupon the said District Proration Committee shall determine the share of the allotment which may be handled by each shipper or producer within that district. Such share shall be such proportion to the total allotment as the quantity of potatoes which each shipper or producer reported to the District Proration Committee that he intends to ship during such period is to the total of all such intended shipments for said district.

Sec. 4. Subject to such regulations as the District Proration Committee may prescribe, the shippers or producers may assign allotments made to them pursuant to section 3 of this article; but notice of any such assignment shall be immediately given to the District Proration Committee.

Sec. 5. During any proration period each shipper shall abide by the allocation made to him and during such period each shipper shall so far as practicable, divide his allocation among the producers for whom he handles such potatoes by applying the same percentage which had been applied in determining his allotment to the quantity of potatoes available for shipment by each of such producers.

Sec. 6. Any shipper shipping in excess of his allocation in any proration period shall be deemed to be in violation of this Agreement unless the District Proration Committee permits him to deduct double such excess from his allocation for the next succeeding proration period. Any shipper shipping less than his allocation in any proration period, may, with the consent of the District Proration Committee, add the amount of such undershipment to his allocation for the next succeeding proration period, but only if such next succeeding proration period is consecutive without any intervening period of no proration.

Sec. 7. Nothing in this article contained shall be construed to authorize any limitation on the right to ship potatoes, in any amount for charitable purposes or unemployment relief provided, that the Control Committee may from time to time prescribe proper safeguards to prevent potatoes shipped for such purposes from being reintroduced into the commercial channels of trade.

Sec. 8. The District Proration Committee may check the accuracy of the report of any shipper or any producer and may revise on the basis of such check the quantity reported as available and intended for shipment by such shipper or producer. All reports by shippers or by producers to the Control Committee shall be substantiated or verified in such manner as the Control Committee may determine, and all reports to the District Proration Committee shall be substantiated or verified in such manner as it may determine.

ARTICLE VIII -- REPORTS

Section 1. To the Secretary--1. The signatory shippers shall severally, from time to time, upon the request of the Secretary, furnish him information, on and in accordance with forms of reports to be supplied by him, for the purpose of (1) assisting the Secretary in the furtherance of his powers and duties with respect to this Agreement, and/or (2) enabling the Secretary to ascertain and determine the extent to which the declared policy of the Act and the purposes of this Agreement are being effectuated, such reports to be verified under oath. The Secretary's determination as to the necessity of and justification for the making of such reports and the information called for thereby shall be final and conclusive.

2. The signatory shippers also severally agree that, for the same purposes, and/or to enable the Secretary to verify the information furnished him on said forms of report, all their books and records, and the books and records of their affiliates and subsidiaries, shall, during the usual hours of business, be subject to the examination of the Secretary. The Secretary's determination as to the necessity of and justification for any such examination shall be final and conclusive.

3. The signatory shippers and their respective affiliates and subsidiaries shall severally keep books and records which will clearly reflect all financial transactions of their respective businesses and the financial conditions thereof.

4. Each signatory shipper shall, from time to time, upon the request of the Secretary, report to the Secretary charges made or paid for commissions, brokerage, storage, packing, or for any other service or activities.

5. All information furnished the Secretary pursuant to this article shall remain confidential in accordance with the applicable General Regulations, Agricultural Adjustment Administration.

Sec. 2. To the committees--To enable the committees to perform their duties hereunder and to make this Agreement effective each signatory shipper shall promptly furnish when, and in such form and substantiated in such manner as the respective committees may from time to time prescribe, all information requested as to quantities of potatoes available for shipment in any period, which he owns or has authority to handle, with the name of any person for whom he has authority to ship and the amount of such intended shipments, and all information requested as to shipments, destination of shipments, and diversion of shipments.

Sec. 3. To the manager--Each signatory shipper shall report to the manager, daily, at the close of business such information concerning his business transactions in potatoes as the manager may prescribe. Such information shall remain confidential with the manager and the Secretary, except that the manager shall compile the same in such form as not to disclose the separate sources thereof, and may mail

a copy thereof to each signatory shipper daily. The manager shall submit the daily reports of signatory shippers to the Secretary on his request.

Sec. 4. Reports by railroads:-- The signatory shippers agree to and do hereby authorize any and all railroad companies and other transportation companies to furnish to the Control Committee, or any other committee, or agent designated by a committee, a complete daily record of each shipment of potatoes, showing the point of origin thereof, the shipper, the car number, the destination, and any diversion of the shipment, for the purpose of assisting in the orderly distribution of potatoes.

ARTICLE IX -- EXPENSES AND INVESTIGATION

Section 1. To carry out the provisions of this Agreement and of any license supplementary thereto, issued pursuant to section 8 (3) of the Act, the Control Committee is authorized and directed:

(a) to incur such reasonable obligations as may be necessary and proper, and to meet such obligations out of funds raised as herein provided;

(b) to submit to the Secretary for his approval, subject to such notice and opportunity for hearing as the Secretary shall prescribe, (1) an itemized budget of its estimated expenses for the foregoing purposes, and (2) an equitable basis upon which the funds necessary to support such budget shall be contributed by the signatory shippers.

Sec. 2. Upon the approval by the Secretary of such budget, each of the signatory shippers agree to contribute to the Control Committee his share of the funds to be raised by it, in accordance with the basis of contribution submitted to and approved by the Secretary pursuant to subdivision (b) of section 1 of this article.

Sec. 3. The Control Committee is authorized and empowered, subject to the prior approval of the Secretary, to institute legal proceedings in the name of its individual members as a committee and to take such other steps as may be necessary to collect or enforce the payment of funds from persons liable therefor, pursuant to the foregoing sections. Unless otherwise provided in the notice of termination executed by the Secretary, the foregoing power shall continue after the termination of this Agreement, with respect to any funds which need to be raised and which are unpaid at the time of such termination. Nothing herein contained shall be construed to be in derogation or modification of the rights of the Secretary at any time to institute legal proceedings or to take such other steps as may be necessary to collect or enforce the payment of any such funds.

Sec. 4. Any funds which the Control Committee shall have on hand, or be entitled to receive under this article, upon the termination of this Agreement, over and above any amount necessary to meet outstanding obligations, shall at such time be returned to the signatory shippers prorata in proportion to their contributions made pursuant to this Agreement, and/or pursuant to the License which may be issued supplementary hereto, pursuant to section 8 (3) of the Act.

Sec. 5. The necessary expenses of all committees other than the Control Committee created under this Agreement, shall be subject to approval by the Control Committee, and shall be paid by the Control Committee out of funds in its hands available for such purpose if included in the budget approved by the Secretary pursuant to section 1 hereof.

Sec. 6. The Control Committee may, in its discretion, for the purposes of (1) collecting money for administration expenses, and/or (2) keeping account of shipments and sales by shippers, require shippers to purchase from the Control Committee for each stated period of time, permits to be affixed to each package or carload of potatoes before the same shall be eligible for shipments in interstate or foreign commerce. Provided, however, that any payments required for such permits shall in no event exceed the contributions which may be assessed against the shippers pursuant to this article.

ARTICLE X -- MAXIMUM CHARGES

Section 1. No signatory shipper, excepting producers' associations which operate on a strictly non-profit, cooperative basis, shall charge a producer for any service, rendered in connection with potatoes shipped from the districts under this Agreement, in excess of the average sum charged by such shipper for the same service during the previous three shipping seasons: Provided, that if any such shipper has engaged in business less than three shipping seasons, such shipper shall not charge for any service in excess of his average charge during the period of his operations, unless the Control Committee shall permit him to charge a sum not exceeding the average charge during the last three shipping seasons by shippers in the same locality.

Sec. 2. 1. Any such shipper may appeal to the Control Committee for permission to increase his charges. The Control Committee may, subject to the right of any producer or shipper to appeal to the Secretary as provided in article III authorize such shipper so to do upon proof of any one or more of the following facts:

(a) That his labor costs have increased over the average costs during the period upon which the shipper's charges are based;

(b) That his costs of materials have increased over the average costs during the period above specified;

(c) That additional new service is being rendered to producers by the shipper, involving greater expense to the shipper and commensurate benefit to the producers.

2. The Control Committee shall authorize an increase, however, only to the extent necessary to equalize such additional costs.

ARTICLE XI -- MISCELLANEOUS

Section 1. This Agreement may become effective with the approval of the Secretary to be given as herein provided as the signatory producers and/or signatory shippers for any particular District or Districts.

Sec. 2. Meetings of all committees created hereby or hereunder shall be open to any shipper, or any producer or the representative of any shipper or producer, who may attend any such meeting as an observer, unless the meeting is considering a dispute of controversy to which such shipper is a party.

Sec. 3. The members of any committee, and any employees thereof, shall not be held responsible individually in any way whatsoever to any shipper or any other person, for errors in judgment, mistakes, or other acts either of commission or omission, as such member or employee, except for acts of dishonesty. The liability of the shippers and producers hereunder is several and not joint and no shipper or producer shall be liable for the default of any other shipper or producer.

ARTICLE XII -- LICENSING

The signatory shippers hereby apply for and consent to licensing by the Secretary. Such licensing shall be in accordance with the applicable General Regulations heretofore and hereafter prescribed by the Secretary and approved by the President, and shall be subject to the right and power of the Secretary, from time to time, to modify or amend any license so issued.

ARTICLE XIII -- EFFECTIVE TIME

Section 1. This Agreement shall become effective at such time as the Secretary may declare above his signature attached hereto, and this Agreement shall continue in force until terminated as follows:

1. The Secretary may at any time terminate this Agreement as to all parties thereto by giving at least one (1) day's notice by means of a press release or in any other manner which the Secretary may determine.

2. The Secretary may at any time terminate this Agreement as to any party signatory thereto, by giving at least one (1) day's notice, by depositing the same in the mail and addressed to such party at his last known address.

3. The Secretary shall terminate this Agreement upon the request (a) signatory producers who produced sixty-seven per cent (67%) of the total volume of potatoes produced by all signatory producers during the marketing season next preceding the date of any such request, and (b) signatory shippers who shipped sixty-seven per cent (67%) of the total volume of

potatoes shipped by all signatory shippers during said season, by giving notice in the same manner as provided in paragraph (1) above.

4. This Agreement shall in any event terminate whenever the provisions of the Act authorizing it cease to be in effect.

ARTICLE XIV -- DURATION OF IMMUNITIES

The benefits, privileges, and immunities conferred by virtue of this Agreement shall cease upon its termination, except with respect to acts done prior thereto; and the benefits, privileges, and immunities conferred by this Agreement upon any party signatory hereto shall cease upon its termination as to such party except with respect to acts done prior thereto.

ARTICLE XV -- COUNTERPARTS

This Agreement may be executed in multiple counterparts and when one counterpart is signed by the Secretary, all such counterparts shall constitute, when taken together, one and the same instrument as if all such signatures were contained in one original.

ARTICLE XVI -- ADDITIONAL PARTIES

After this Agreement first takes effect any shipper or producer, not a party to this Agreement, may become a party thereto if a counterpart thereof is executed by him and by the Secretary. This Agreement shall take effect as to such new contracting party at such time as the Secretary may declare above his signature attached to such counterpart, and the benefits, privileges and immunities conferred by this Agreement shall then be effective as to such contracting party.

ARTICLE XVII -- AGENTS

The Secretary may by a designation in writing, name any person, including any officer or employee of the Government, or any Bureau or Division of the United States Department of Agriculture, to act as his agent or agency in connection with any of the provisions of this Agreement.

ARTICLE XVIII -- AMENDMENTS

Any term of this Agreement, with the exception of Article XIII hereof, may be amended upon the consent of either (a) signatory producers, who produced sixty-seven per cent (67%) of the total volume of potatoes produced by all signatory producers during the marketing season next preceding the effective date of any such amendment, or (b) signatory shippers who shipped sixty-seven per cent (67%) of the total volume of potatoes shipped by all signatory shippers from the district under this Agreement during said marketing season: Provided, however, That any such amendment shall become effective only upon the written approval of the Secretary.

ARTICLE XIX -- ANTI-TRUST LAWS

Any exemption from the anti-trust laws, and/or any validation of any acts or things which would have been unlawful, which may result from the execution of this Agreement by the Secretary, shall not extend or be construed to extend further than is absolutely necessary for the purpose of carrying out the provisions of this Agreement.

ARTICLE XX -- SIGNATURE OF PARTIES

In witness whereof the signatory shippers and the signatory producers, acting under the provisions of the Agricultural Adjustment Act, for the purposes and subject to the limitations herein contained, and not otherwise, have hereunto set their respective hands and seals.

(SEAL)

Whereas, it is provided by section 8 of the Act as follows:

In order to effectuate the declared policy, the Secretary of Agriculture shall have power to enter into marketing agreements with processors, associations of producers, and others engaged in the handling in the current of interstate or foreign commerce of any agricultural commodity or product thereof, after due notice and opportunity for hearing to interested parties. The making of any such agreement shall not be held to be in violation of any of the anti-trust laws of the United States, and any such agreement shall be deemed to be lawful: Provided, That no such agreement shall remain in force after the termination of this Act;

Whereas, due notice and opportunity for hearing to interested parties has been given pursuant to the provisions of the Act, and the regulations issued thereunder; and

Whereas, the Secretary finds:

(1) That the signatory shippers and signatory producers are engaged in the handling of potatoes grown in Florida, Georgia, South Carolina, North Carolina, Virginia, and Maryland in the current of interstate (and/or foreign) commerce; and

(2) That the conditions existing in the marketing and distribution of such potatoes in intrastate commerce burden and obstruct the marketing and distribution thereof in interstate (and/or foreign) commerce; and

(3) That the marketing and distribution of such potatoes in intrastate commerce is in competition with and inextricably intermingled with the marketing and distribution in interstate (and/or foreign) commerce; and

Whereas, it appears, after due consideration that this Agreement will tend to effectuate the policy of Congress declared in section 2 of the Act, as hereinbefore in this Agreement set forth:

Now, therefore, I, _____, Secretary of Agriculture, acting under the provisions of the Agricultural Adjustment Act, for the purposes and within the limitations therein contained, and not otherwise, do hereby execute this Agreement under my hand and the official seal of the Department of Agriculture in the city of Washington, D. C., on this _____ day of _____, 1934, and pursuant to the provisions hereof declare this Agreement to be effective on and after 12:01 a.m., eastern standard time, _____, 1934.

(Seal)

Secretary of Agriculture.

AUTHORIZATION TO CORRECT TYPOGRAPHICAL ERRORS
TO BE EXECUTED BY ALL SIGNERS

We, the undersigned, hereby authorize H. R. Wellman to consent on our behalf to the correction of any typographical errors which the Agricultural Adjustment Administration may consider it advisable to make in the Marketing Agreement for Eastern Potatoes grown in Florida, Georgia, South Carolina, North Carolina, Virginia, and Maryland.

Date _____ Firm Name _____
By _____ Name _____ Title--SEAL _____

Corporations only

CERTIFICATE OF RESOLUTION

At a duly convened meeting of the Board of Directors of

_____ held at _____
_____ on the _____ day of _____

_____, 1933, the following resolution was adopted:

RESOLVED, that _____

shall become a party to the Marketing Agreement for Eastern Potatoes grown in Florida, Georgia, South Carolina, North Carolina, Virginia, and Maryland, as read and explained to the meeting, and it is further RESOLVED, that _____

(title)

And _____ (title), he, and hereby are authorized and directed to sign, execute, and deliver a counterpart of said Agreement attached hereto, to the Secretary of Agriculture, together with an authorization naming H. R. Wellman to correct typographical errors.

I, _____ Secretary of _____

_____ do hereby certify that this is a true and correct copy of a resolution adopted at the above-named meeting, as said resolution appears in the minutes thereof.

Address of firm _____ SEAL _____

AND SEAL AT SIGNATURE LINE IN BODY OF CONTRACT

RECORD OF SHIPMENTS OF POTATOES

DURING THE 1933 SEASON

The undersigned states that to the best of his knowledge, as shown by his books and records, the following represents the entire quantity of potatoes shipped by him in the current of interstate or foreign commerce by rail, truck or boat during the 1933 shipping season from points within each of the districts set forth in this agreement:

Districts from which shipments were made during 1933 (Please refer to definition 16 of Article II of this agreement for description of each district before making out this statement).	Number of carloads shipped, including carload equivalents of the quantity moved by truck or boat.
(a) <u>North Florida District</u>	_____
(b) <u>South Florida "</u>	_____
(c) <u>South Carolina - Georgia Dist.</u>	_____
(d) <u>North Carolina District</u>	_____
(e) <u>Norfolk, Va. - Elizabeth City, N.C. Dist.</u>	_____
(f) <u>Eastern Shore of Virginia "</u>	_____
(g) <u>Eastern Shore of Maryland "</u>	_____
<u>TOTAL</u>	_____

This report is to include shipments made by the Shipper's affiliates, subsidiaries, agents or representatives. Show here the names of such agencies.

_____ being duly sworn deposes and says that he HAS READ THE FOREGOING STATEMENT BY HIM SUBSCRIBED AND KNOWS THE CONTENTS THEREOF AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF HIS KNOWLEDGE AND BELIEF.

Onley, Va., July 13, 1934

TO ALL POTATO SHIPPERS: The Potato Marketing Agreement went into effect at 12.01 a. m., Friday, July 13, 1934. The purpose of this Agreement is to increase the returns to growers. To accomplish this result it has been found necessary to prorate shipments by weekly periods. Committees have been set up to determine such prorates based upon the supply of potatoes on hand and the supplies which the market can reasonably be expected to handle. Each shipper has been notified as to his prorate, or the amount of potatoes, he can ship for the period July 16, 1934, to July 21, 1934, and is expected to divide his prorate equitably among all his producers.

Any potato grower who does not ship through any of the selling agencies but markets his own crop should make application for a prorate for this period at 48 Market St., Onancock, Va., (Tel. Onancock 148). For further information on the Marketing Agreement get in touch with the above office or with my office.

W. C. STROUD, COUNTY AGENT.

ELIZABETH CITY-NORFOLK-EASTERN SHORE
POTATO CONTROL COMMITTEE

48 MARKET STREET

ONANCOCK, VIRGINIA

July 13, 1934

TO SHIPPERS OF POTATOES GROWN IN VIRGINIA AND MARYLAND:

The Marketing Agreement for potatoes grown in Virginia and Maryland has been made effective by the Secretary of Agriculture at 12:01 A. M. today. This agreement which is for the purpose of improving prices provides that proration of shipments shall be used for this purpose.

As you know, proration of shipments is to be handled by the District Proration Committee which has been selected for each of these states. In determining the total quantity of potatoes which are to be shipped into interstate commerce during the week beginning July 16, 1934 and ending July 21, 1934, and the allotment to be issued to each shipper, the Agreement provides that these Committees shall ascertain the quantity of potatoes which are available and intended for shipment during the coming week. This quantity is to be computed from reports filed by each shipper showing the quantity of potatoes he has available and intends to ship during the said proration period. Potatoes shipped during a proration period in interstate commerce without an allotment constitute a violation of the Marketing Agreement and License.

If you wish an allotment to ship potatoes this coming week, it is necessary for you to complete the inclosed form and mail it to Milton T. Hickman, 48 Market St., Onancock, Virginia, Monday. If you have furnished this information by telephone or otherwise, this statement will serve as a confirmation of the figures you have already furnished.

Very truly yours,

Milton T. Hickman

Milton T. Hickman
 Executive Secretary

MEMBERS OF PRORATION COMMITTEES

Maryland, Eastern Shore

MEMBER

Albert Dickerson, Snow Hill (g)
J.C.Pilchard, Stockton (g)
O.P.Carey, Pocomoke (g)
W.E.Ross, Pocomoke (s)
Harry C. Mears, Pocomoke (s)
Eugene F. Matthews, Pocomoke (s)

ALTERNATE

Ralph E. Shockley, Snow Hill (g)
Russell White, Pocomoke (g)
Lumma Matthews, Pocomoke (g)
Ralph Ross, Pocomoke (s)
J.B.Robbins, Snow Hill (s)
W.C.Cullen, Pocomoke (s)

Virginia, Eastern Shore

A.T.Hickman, Painter (g)
Joe L. Taylor, Horsey (g)
John Ed Tankard, Exmore (g)
T.H.Nottingham, Eastville (g)
Chas. T. Elmore, Painter (s)
E.E.Covington, Exmore (s)
H.D.Phillips, Melfa (s)
C.G.Matthews, Parksley (s)

R.C.Hall, Parksley (g)
A.J.Mason, Accomac (g)
E.V.Downes, Capeville (g)
H.A.Wise, Kiptopeake (g)
A.Preston Scott, Cape Charles (s)
Jack V. Moore, Cape Charles (s)
F.B.Bell, Machipongo (s)
H.E.Kelley, New Church (s)

Elizabeth City--Norfolk

W.H.Pritchard, Elizabeth City (g) W.C.Jackson, Elizabeth City (g)
W.H.Duke, Churchland (g) H.A.Williamson, Norfolk (g)
R.T.Etheridge, Princess Anne Co. (g) C.B.Duer, Toano (g)
Emory Smith, Currituck, N.C. (s) John G. Wallace, Norfolk (s)
Thomas R. Upton, Norfolk (s) Carroll Abbott, Elizabeth City (s)
Guy W. Capps, Princess Anne Co.(s) H.McRae Finner, Suffolk (s)

MEMBERS OF POTATO CONTROL COMMITTEE

Maryland, Eastern Shore

MEMBER

J.Miles Lankford, Pocomoke, Md.(g)
W.E.Ross, Pocomoke (s)

ALTERNATE

W.H.Holloway, Newark, Md. (g)
E.F.Matthews, Pocomoke (s)

Virginia, Eastern Shore

B.D.Ayres, Accomac (g)
Quinton Nottingham, Eastville (g)
W.S.Nelson, Jr. Onancock (g)
B.T.Gunter, Accomac (s)
Clayton Willis, Cape Charles (g)
M.J.Duer, Exmore (s)
C.R.Waters, Onley (s)
H.C.West, Onancock, (s)

Edwin Nottingham, Cape Charles (g)
J.Brooks Mapp, Keller (g)
W.C.Cullen, Jr. Mappsburg (g)
G.S.Falston, Onley (s)
John Leatherbury, Eastville (g)
E.E.Covington, Exmore (s)
G.C.McMath, Onley (s)
James Middleton, Parksley (s)

Elizabeth City--Norfolk

W.L.Thompson, Weaville, N.C. (g) H.F.Sample, Elizabeth City (g)
V.G.Eberwine, Nansemond Co. N.C.(g) A.B.Green, Portsmouth (g)
Joseph H. Baker, Norfolk (s) W.R.Britton, Norfolk (s)
Carroll Abbott, Elizabeth City (s) John G. Wallace, Norfolk (s)

APPLICATION FOR ALLOTMENTS

_____, Applicant, hereby makes application to the _____ District Proration Committee for allotment of shipments of potatoes which may be shipped into interstate and foreign commerce during the proration period beginning _____, 1934, and ending _____ 1934.

Applicant requests an allotment of _____ carloads (based on 185 barrels or equivalent thereof) for the said proration period, and states that he has the following quantity of potatoes available and intended for shipment during the said proration period to which he has legal title or for which he has authority from the owner or producer to handle,

No. of carloads _____ (based on 185 barrels or equivalent thereof)

Applicant further states that based on his customary marketing methods, he expects to ship approximately the following proportions by rail, boat, and truck:

Rail	_____	Per Cent
Boat	_____	Per Cent
Truck	_____	Per Cent
	100	Per Cent

Applicant agrees to furnish the name of each person, owner or producer and the quantity of potatoes he is authorized to handle for such person, owner or producer and intends to ship during such proration period at such times and verified in such manner as may be requested by his respective District Proration Committee, the Control Committee, and subcommittees or representatives of either of these committees

In consideration of the services of the Elizabeth City-Norfolk and Eastern Shore Potato Control Committees and of the benefits received under the Marketing Agreement and License for Eastern Potatoes grown in North Carolina, Virginia, and Maryland, Applicant agrees to pay all assessments which the said Potato Control Committee may levy pursuant to Article IX of the said Marketing Agreement.

INDIVIDUAL: _____
(Signature of Applicant)

PARTNERSHIP: _____
By _____

(If applicant is a corporation,
seal must be affixed and signa-
ture of executive officer
subscribed) CORPORATION: _____
(Corporate Name)
By _____
President

Address of Applicant

ATTEST: _____
Secretary

INSTRUCTIONS

Allotments for the following procreation period will be made on the basis of allotment requests and statements of quantities of potatoes available and intended for shipment in the hands of the respective District Procreation Committees at the time allotments are made. Shippers and growers will be notified by press releases and otherwise of the office to which requests for allotments should be made and of the allotments which are made.

Applicants may make requests by mail, telephone or telegraph. Requests made by telephone or telegraph must be confirmed within twenty-four (24) hours on this form. Requests made by mail must be on this form.

The Committee will, at its discretion, decline to make allotments to applicants whose applications are not properly signed, sealed and witnessed.

MILTON T. HIGGINS
Executive Secretary

46 Market St., Oxnard, Va.

Elizabeth City-Norfolk-Eastern Shore
Potato Control Committee

REPORT OF INTRASTATE SHIPMENTS
BY TRUCK

Date _____

Guard Station _____

Milton T. Hickman, Executive Secretary
Potato Control Committee
48 Market Street,
Onancock, Virginia

I, we _____ having knowledge
(name of person or corporation)
that all potatoes shipped out from any point within the _____
District are subject to regulations of the District Proration and
of the Control Committee, under authority of the Marketing Agree-
ment and License for Eastern Potatoes, do hereby certify that
potatoes as shown below loaded in truck License No. _____
State _____ of which I, we are in possession, will be
sold within the State of _____ and will not be
taken out said State.

Barrels _____

Sacks _____

Bulk _____

Signed _____

Witness: _____ Address _____

Witness: _____ Signed _____

Address _____

COOPERATIVE EXTENSION WORK
IN
AGRICULTURE AND HOME ECONOMICS
STATE OF VIRGINIA

VIRGINIA AGRICULTURAL AND MECHANICAL
COLLEGE AND POLYTECHNIC INSTITUTE
AND UNITED STATES DEPARTMENT OF
AGRICULTURE, COOPERATING

EXTENSION SERVICE
COUNTY AGENT WORK

Onley, Virginia
September 17, 1934

Dear Committeeman:

There seems to be a desire on the part of a large number of our growers to make Irish potatoes a basic commodity. It looks now as though a concerted effort would be made along this line. If this matter materializes, I think those who voluntarily reduce their potato acreage in 1935 should not be penalized thereby when the prorations under the Marketing Agreement are made.

I expect to attend a state-wide potato growers' meeting at Washington, North Carolina, on Thursday, September 20, at 10.30 a. m., at which time the North Carolina potato growers are going to vote as to whether or not they desire potatoes to be made a basic commodity. I hope there will be a good delegation of Eastern Shore people at this meeting, for they plan to have delegations from farther south there at that time.

I would suggest that you write or wire Mr. A. E. Muecke, Executive Secretary of the Inter-State Early Potato Committee, Washington, D. C., requesting amending the Marketing Agreement to the extent that those who voluntarily reduce their acreage in 1935 would not be penalized thereby when the prorations are made.

If you have any questions, kindly get in touch with my office.

Very truly yours,

W. O. Strong

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W. O. Strong, County Agent

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL ADJUSTMENT ADMINISTRATION

PROPOSED AMENDMENT BY SIGNATORY SHIPPERS AND SIGNATORY PRODUCERS

TO

MARKETING AGREEMENT AND LICENSE FOR EASTERN POTATOES

GROWN IN

FLORIDA, GEORGIA, SOUTH CAROLINA, NORTH CAROLINA, VIRGINIA, AND MARYLAND

This Amendment in its present form is proposed as the basis of a public hearing for the above-mentioned industry, and none of the provisions contained herein are to be regarded as having received the approval of the Agricultural Adjustment Administration as applying to this industry.

(THIS IS NOT FOR SIGNATURE)

I hereby certify that this is a true and correct copy of the Proposed Amendment by Signatory Shippers and Signatory Producers to Marketing Agreement and License for Eastern Potatoes grown in Florida, Georgia, South Carolina, North Carolina, Virginia, and Maryland, on file in the Office of the Chief Hearing Clerk, United States Department of Agriculture, Agricultural Adjustment Administration.

(Signed) James K. Knudson
Chief Hearing Clerk

Dated: November 16, 1934

Washington, D. C.

PROPOSED AMENDMENT BY SIGNATORY PRODUCERS
AND SIGNATORY SHIPPERS
TO MARKETING AGREEMENT AND LICENSE FOR EASTERN
POTATOES GROWN IN
FLORIDA, GEORGIA, SOUTH CAROLINA, NORTH CAROLINA,
VIRGINIA AND MARYLAND

WHEREAS, on the 12th day of July, 1934, the undersigned signatory producers and signatory shippers entered into a Marketing Agreement entitled "Marketing Agreement for Eastern Potatoes Grown in Florida, Georgia, South Carolina, North Carolina, Virginia and Maryland" with the Secretary of Agriculture of the United States; and

WHEREAS, it is provided in article XVIII of said Marketing Agreement:

"Any term of this Agreement, with the exception of article XIII hereof, may be amended upon the consent of either (a) signatory producers, who produced sixty-seven percent (67%) of the total volume of potatoes produced by all signatory producers during the marketing season next preceding the effective date of any such amendment, or (b) signatory shippers who shipped sixty-seven percent (67%) of the total volume of potatoes shipped by all signatory shippers from the district under this Agreement during said marketing season: Provided, however, That any such amendment shall become effective only upon the written approval of the Secretary."

and,

WHEREAS, pursuant to the aforesaid provision, M. L. Wilson, Acting Secretary of Agriculture, did on the 12th day of July, 1934 approve an Amendment to the aforesaid Marketing Agreement; and

WHEREAS, producers and shippers signatory to said Marketing Agreement are desirous of further amending the same:

NOW, THEREFORE, the undersigned hereby consent that section 6 of article III, which appears below, be deleted from the Agreement:

"Sec. 6. Upon the selection of three-fourths of its members, the Control Committee may organize and commence to function: Provided, however, That (a) This provision shall not affect or supersede any other provision in this Agreement requiring a minimum vote with respect to specified action to be taken by the Control Committee; and (b) the Control Committee shall not perform any of its duties or powers herein granted while there are vacancies equal to or in excess of one-fourth of the total membership thereof."

and,

That the following be substituted as section 6 of article III of the Agreement:

"Sec. 6. Upon the selection of three-fourths of its members, the Control Committee may organize and commence to function ~~as provided, however~~, That (a) This provision shall not affect or supersede any other provision in this Agreement requiring a minimum vote with respect to specified action to be taken by the Control Committee; and (b) The Control Committee shall not perform any of its duties or powers herein granted while there are vacancies in excess of one-fourth of the total membership thereof."

and,

That article VI, which appears below, be deleted from the Agreement:

"Section 1. (1) Between the first and fifteenth days of October of each year the Control Committee, subject to the disapproval of the Secretary, shall determine the total quantity of potatoes which it deems advisable to ship from all districts under this Agreement during the succeeding year. Such advisable quantity shall be based on the following factors relative to their effect upon the prices received by producers for early potatoes: (a) Early potato production in past years; (b) quantity of late potatoes available for shipment after October first; (c) purchasing power of consumers; (d) general price level; (e) any other pertinent factors.

"(2) The quantity so determined shall be allocated among the districts under this Agreement on the basis of the calculated production for each such district obtained by multiplying the average acreage based on the preceding five (5) years by the average yield during the preceding ten (10) years for such district. Each such district shall receive a proportionate share of the total advisable quantity to be shipped during the succeeding year which share shall be the proportion which the calculated production for said district bears to the total calculated production for all districts under this Agreement.

"In all instances where the same is applicable the official forecasts and estimates of acreage and yield as determined by the Crop Reporting Board of the United States Department of Agriculture shall be used in the computation of such season proration.

"(3) The Control Committee may, from time to time, with the approval of the Secretary, revise the total quantity of potatoes deemed advisable to ship from all districts during any year and/or change the allotment made to any district at any time in any year if the same may become necessary to effectuate the declared policy of the Act and the purposes of this Agreement;

"(4) No shipments shall be made from any district under this Agreement in excess of the total amount allotted to such district as determined herein by the Control Committee."

and,

That the following be substituted as article VI of the Agreement:

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"Section 1. (1) Between the first and fifteenth days of October of each year the Control Committee, with the prior approval of the Secretary, shall determine the total quantity of potatoes which it deems advisable to ship from all districts under this Agreement during the succeeding year. Such advisable quantity shall be based on the following factors giving due consideration to their effect upon the prices received by producers for early potatoes: (a) Early potato production in past years; (b) quantity of late potatoes available for shipment after October first; (c) purchasing power of consumers; (d) general price level; (e) any other pertinent factors.

"(2) The quantity so determined shall be allocated among the districts under this Agreement on the basis of the average carlot shipments for each such district for the preceding five (5) years. Each such district shall be allotted a proportionate share of the total advisable quantity to be shipped during the succeeding year which share shall be the proportion which the carlot shipments for said district bears to the total carlot shipments for all districts under this Agreement.

"(3) In all instances where the same is applicable, the available official records and estimates of carlot shipments and/or their equivalent as furnished by the United States Department of Agriculture shall be used in the computations required under paragraphs (1) and (2) of this section.

"(4) The Control Committee may, from time to time, with the prior approval of the Secretary, revise the total quantity of potatoes deemed advisable to ship from all districts during any year and/or change the allotment made to any district at any time in any year if the same may become necessary to effectuate the declared policy of the Act and the purposes of this Agreement, or equitably to distribute the total advisable quantity among the various districts. For the year 1934 no delay in the making of a season proration shall invalidate such action.

"(5) No shipments shall be made from any district under this Agreement in excess of the total amount allotted to such district by the Control Committee as provided herein.

"Sec. 2. (1) Upon the execution of a Marketing Agreement for Shippers and Producers of Southwestern Potatoes Grown in Florida, Alabama, Louisiana, Mississippi, Tennessee, Texas, Arkansas and Oklahoma, and the issuance of a License for such shippers, and upon the inclusion of this section or one similar thereto in such marketing agreement and license and in the License issued on the 13th day of July, 1934 by M. L. Wilson, Acting Secretary of Agriculture of the United States entitled "License for Shippers of Potatoes Grown in Florida, Georgia, South Carolina, North Carolina, Virginia and Maryland", the Control Committee in conjunction with the Control Committee selected under such Marketing Agreement and License for Southwestern Potatoes shall meet in joint session, and may determine (a) the total quantity of potatoes deemed advisable to be shipped from all districts included in said Marketing Agreement and License for Southwestern Potatoes and in this Agreement during the succeeding year, and (b) the division of such advisable quantity between the areas included in said Southwestern Potato Agreement and License and the areas included in this Agreement. The deter-

mination of the total advisable quantity to be shipped in the succeeding year shall be based upon the factors set forth in article VI of each marketing agreement, and the division of such total advisable quantity as to each area, shall be based on the same formula as provided in article VI of each marketing agreement for the division of the advisable quantity between districts. The joint session of the respective Control Committees as herein provided shall be held between the first and tenth day of October of each year at a place selected by agreement of said Control Committees. For the year 1934 no delay in the making of such determination shall invalidate such action.

"(2) The aforesaid Control Committees acting in joint session may, from time to time, with the prior approval of the Secretary, revise the total quantity of potatoes deemed advisable to ship from all districts included in the Marketing Agreement and License for Southwestern Potatoes and in this Agreement during any year, and/or change the allotment made to the areas included in either agreement and/or license at any time in any year if the same may become necessary to effectuate the declared policy of the Act and the purposes of this Agreement, and equitably to distribute the total advisable quantity as between the areas included in either agreement and/or License.

"(3) Upon the joint determination of the Control Committees as to the total quantity of potatoes deemed advisable to ship from the area covered by this Agreement, the Control Committee under this agreement shall proceed to allocate such total quantity among the respective districts included within this Agreement in the manner provided in section 1: Provided, however, That in the event the joint session of the Control Committees shall fail to determine the total quantities of potatoes deemed advisable for shipment from the respective areas affected, the Control Committee hereunder shall have the power to determine the total quantity advisable for shipment from the area covered by this Agreement in the manner provided in paragraph 1 of section 1.

"(4) No shipments shall be made from the area included in this Agreement in excess of the total amount allotted to such area pursuant to section 2 of this article, if and when such allotment is made.

"(5) The Control Committee under any marketing agreement and/or license for potatoes, executed subsequent to the effective time of this Agreement may, with the prior approval of the Secretary, meet in the joint sessions of the Control Committees as provided in section 2 of this article. Such committee shall have like privileges and be subject to the same regulations as provided for the Control Committees of the Eastern and Southwestern Potato Agreements in said sessions. The advisable quantity to be determined by such joint sessions of Control Committees shall include such additional territory and such additional territory shall be entitled to be allotted its share of the total quantity deemed advisable to be shipped in accordance with the formula and procedure above provided in this article."

That paragraph (6) of section 2 of article V which appears below, be deleted from the Agreement:

"(6) One (1) member and his respective successor in the Eastern Shore of Virginia District shall be selected by a majority vote of the members selected pursuant to paragraphs 7 and 8 of this section."

and,

That the following be substituted as paragraph (6) of section 2 of article V:

"(6) One (1) member and his respective successor in the Eastern Shore of Virginia District shall be selected by a majority vote of the members selected pursuant to paragraphs 4 and 5 of this section."

IN WITNESS WHEREOF the signatory shippers acting under the provision of article XVIII of the aforesaid Marketing Agreement for the purposes and subject to the limitations herein contained, and not otherwise, have hereunto set their respective hands and seals.

Docket No. MA-252; L-33
MA-253; L-34
MA-254; L-35

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL ADJUSTMENT ADMINISTRATION

PROPOSED AMENDED MARKETING AGREEMENT

FOR

POTATOES GROWN IN FLORIDA, GEORGIA, SOUTH CAROLINA,
NORTH CAROLINA, VIRGINIA, AND MARYLAND

This Amended Marketing Agreement in its present form is proposed as the basis of a public hearing for the above-mentioned industry, and none of the provisions contained herein are to be regarded as having received the approval of the Agricultural Adjustment Administration as applying to this industry.

(THIS IS NOT FOR SIGNATURE)

I hereby certify that this is a true and correct copy of the Proposed Amended Marketing Agreement for Potatoes Grown in Florida, Georgia, South Carolina, North Carolina, Virginia, and Maryland, on file in the Office of the Chief Hearing Clerk, United States Department of Agriculture, Agricultural Adjustment Administration.

(Signed) James K. Kimdon
Chief Hearing Clerk

Dated: November 16, 1934

Washington, D. C.

PROPOSED AMENDED MARKETING AGREEMENT
FOR EASTERN POTATOES GROWN IN
FLORIDA, GEORGIA, SOUTH CAROLINA, NORTH CAROLINA,
VIRGINIA AND MARYLAND

ARTICLE I--PURPOSES

The parties to this Agreement are the signatory shippers and signatory producers of potatoes grown in Florida, Georgia, South Carolina, North Carolina, Virginia, and Maryland, and the Secretary of Agriculture of the United States.

WHEREAS, it is the declared policy of Congress as set forth in section 2 of the Agricultural Adjustment Act, approved May 12, 1933, as amended:

(1) To establish and maintain such balance between the production and consumption of agricultural commodities, and such marketing conditions therefor, as will reestablish prices to farmers at a level that will give agricultural commodities a purchasing power with respect to articles that farmers buy, equivalent to the purchasing power of agricultural commodities in the base period, the base period, in the case of all agricultural commodities except tobacco being the pre-war period, August 1909-July 1914, and in the case of tobacco, the base period being the post-war period August 1919-July 1929;

(2) To approach such equality of purchasing power by gradual correction of the present inequalities therein at as rapid a rate as is deemed feasible in view of the current consumptive demand in domestic and foreign markets; and

(3) To protect the consumers' interest by readjusting farm production at such level as will not increase the percentage of the consumers' retail expenditures for agricultural commodities, or products derived therefrom, which is returned to the farmer, above the percentage which was returned to the farmer in the pre-war period, August 1909-July 1914; and

WHEREAS, pursuant to the Agricultural Adjustment Act, the parties hereto, for the purpose of correcting conditions now obtaining in the production of potatoes in Florida, Georgia, South Carolina, North Carolina, Virginia, and Maryland, and the distribution thereof, and to effectuate the declared policy of the Act, desire to enter into a marketing agreement under the provisions of section 8, subsection 2 of the Act;

NOW, THEREFORE, the parties hereto agree as follows:

ARTICLE II--DEFINITIONS

Section 1. As used in this Agreement, the following terms have the following meanings:

1. "Secretary" means the Secretary of Agriculture of the United States.

2. "Act" means the Agricultural Adjustment Act, approved May 13, 1933, as amended.

3. "Person" means individual, partnership, corporation, association, or any other business unit.

4. "Potatoes" means and includes all varieties of potatoes (*Solanum tuberosum*) grown in the States of Florida, Georgia, South Carolina, North Carolina, Virginia, and Maryland.

5. "Shipper" means and includes any person, whether or not such person is also a producer engaged wholly or in part in the business of shipping or consigning potatoes grown in any and all of the districts as herein defined from any point within said respective Districts.

6. "Signatory shipper" means any shipper who is party signatory to this Agreement.

7. "Producer" means any producer of potatoes grown in any of said Districts as herein defined. "Signatory producer" means any producer who is a party signatory to this Agreement.

8. "Ship" means to convey or cause to be conveyed in the continental United States and/or Canada by rail, truck, boat, or by any means whatsoever, whether as owner, agent, or otherwise, in the current of interstate or foreign commerce.

9. "Control Committee" means the Control Committee created pursuant to article III hereof.

10. "Manager" means the manager appointed by the Control Committee pursuant to article III hereof.

11. "Executive Committee" means the Executive Committee elected pursuant to article IV hereof.

12. "District Proration Committee" means any of the Proration Committees elected pursuant to article V hereof.

13. "Books and records" means any books, records, accounts, contracts, documents, memoranda, papers, correspondence, or other written data pertaining to the business of the person in question.

14. "Subsidiary" means any person of or over whom or which, a shipper or an affiliate of a shipper has, or several shippers collectively have, either directly or indirectly, actual or legal control, whether by stock ownership or in any other manner.

15. "Affiliate" means any person and/or any subsidiary thereof, who or which has, either directly or indirectly, actual or legal control of or over a shipper, whether by stock ownership or in any other manner.

16. "District" means and includes any of the geographical producing areas defined as follows:

- (a) North Florida district--comprised of that part of the State of Florida north of the south boundary line of Volusia County except the counties of Escambia and Santa Rosa;
- (b) South Florida district--comprised of that part of the State of Florida south of the south boundary line of Volusia County;
- (c) South Carolina-Georgia district--comprised of the States of South Carolina and Georgia;
- (d) North Carolina district--comprised of the State of North Carolina except the northeastern counties of Currituck, Camden, Pasquotank, Perquimans, Chowan and Gates;
- (e) Norfolk, Virginia-Elizabeth City, North Carolina, district--comprised of the North Carolina counties of Currituck, Camden, Pasquotank, Perquimans, Chowan, and Gates, and those commercial early-producing sections in Virginia, south and west of the Chesapeake Bay and Potomac River;
- (f) Eastern Shore of Virginia district--comprised of the Northampton and Accomac Counties of Virginia;
- (g) Eastern Shore of Maryland district--comprised of the nine counties in Maryland east of Chesapeake Bay.

ARTICLE III--CONTROL COMMITTEE

Section 1. A Control Committee, consisting of signatory producers and signatory shippers, shall be established which shall be selected in accordance with the provisions of this article and shall serve until September 15th of each year and until their respective successors are selected. The initial members shall be selected within ten (10) days after the effective date of this Agreement and their respective successors (other than those selected to fill vacancies) shall be selected annually thereafter at least fifteen (15) days prior to the termination of the term of office of their respective predecessors. No delay in the selection of any member or successor shall be deemed to invalidate any such selection.

Sec. 2. (1) Each district from which there has been shipped less than 2,000 carloads of potatoes during the preceding year shall be entitled to one member, who, and his successors, shall be selected by the shippers of such district: Provided, however, That if in any such district any shipper or shippers have, individually, shipped more than 25 percent of all potatoes shipped from such district, then in that event such district shall

be entitled to two members, one of whom shall be selected by the remaining shippers in such district and the other member shall be selected by such shippers who have individually shipped more than 25 percent of all potatoes shipped from such district.

(2) Each district from which there has been shipped not less than 2,000 carloads and not more than 5,000 carloads of potatoes during the preceding year shall be entitled to two members, who, and their respective successors, shall be selected by shippers, of such district: Provided, however, That (1) if in any such district one shipper has shipped more than 25 percent of all potatoes shipped from such district, then, in that event, one of said members shall be selected by the remaining shippers in such district and the other member shall be selected by such shipper who has individually shipped more than 25 percent of all potatoes shipped from such district, and (2) if in any such district more than one shipper has individually shipped more than 25 percent of all potatoes shipped from such district, then, in that event, such district shall be entitled to three members, one of whom shall be selected by the remaining shippers in such district and the other two members shall be selected by such shippers who have individually shipped more than 25 percent of all potatoes shipped from such district.

(3) Each district from which there has been shipped more than 5,000 carloads of potatoes during the preceding year shall be entitled to three (3) members who, and their respective successors, shall be selected by the shippers of such district: Provided, however, That (1) if in any such district any shipper has shipped more than 25 percent of all potatoes shipped from such district, then, in that event, two (2) of said members shall be selected by the remaining shippers in such district and the other members shall be selected by such shipper who has individually shipped more than 25 percent of all potatoes shipped from such district and (2) if in any such district more than one shipper has individually shipped more than 25 percent of all potatoes shipped from such district, then, in that event, one of said members shall be selected by the remaining shippers in such district and the other two members shall be selected by such shippers who have individually shipped more than 25 percent of all potatoes shipped from such district.

(4) A member and his successor shall be selected by the producers of each district for every shipper representative selected and named for such district as hereinabove provided in this article. Such member so selected shall be a producer of potatoes who is not engaged in the business of shipping, consigning, or otherwise handling potatoes other than potatoes of his own production.

(5) All members and each of their respective successors to be selected as hereinabove provided shall be selected by general elections in which all shippers and producers, as herein provided, shall be entitled to participate. At any such elections each shipper and/or producer shall be entitled to cast but one vote on behalf of himself, agents, partners, affiliates, subsidiaries, and representatives.

(6) No shipper, including his subsidiaries and affiliates, shall be represented by more than one member on the Control Committee.

(7) The number of carloads of potatoes shipped from any district shall be determined in terms of carloads or their equivalent, as recorded by the United States Department of Agriculture for the preceding year.

Sec. 3. Every group or person selecting or naming a member of the Control Committee may, in the same manner, at any time, select or name an alternate to act in the place of such member, (a) in his absence and/or (b) in the event of his removal, resignation, or disqualification until a successor for his unexpired term has been selected or named.

Sec. 4. To fill any vacancy occasioned by the removal, resignation, or disqualification of any members of the Control Committee, a successor for his unexpired term shall be selected or named within fifteen (15) days after such vacancy occurs, by the person, persons, or group by whom, and in the same manner as, such member was selected or named.

Sec. 5. If any member or successor is not selected within the applicable period specified in this article, the Secretary may select a person with full power to act as a member to serve until such member or successor is selected.

Sec. 6. Upon the selection of three-fourths of its members; the Control Committee may organize and commence to function: Provided, however, That (a) This provision shall not affect or supersede any other provision in this Agreement requiring a minimum vote with respect to specified action to be taken by the Control Committee; and (b) The Control Committee shall not perform any of its duties or powers herein granted while there are vacancies in excess of one-fourth of the total membership thereof.

Sec. 7. Upon the selection of any member or members of the Control Committee, the secretary of said Control Committee shall certify to the Secretary the name and address of each such member, and of his alternate, if any, and the date or dates of their selection. Before performing any duties as a member of the Control Committee each member thereof shall file with the Secretary a written acceptance of office, oath, and agreement to perform his duties as such member. The members and alternates, if any, so certified to the Secretary, shall be deemed for all purposes to be the duly selected members and alternates of the Control Committee, subject, however, to the right of any interested party to protest such selection, in accordance with the applicable Administrative orders issued by the Secretary.

Sec. 8. The members of the Control Committee or of any other committee created hereunder (including successors, alternates, or persons selected by the Secretary), and any agent or employees appointed or employed by the Control Committee or by any other committee, shall be subject to removal by the Secretary at any time with or without cause. Such and every order, regulation, decision, determination, or other act of the Control Committee, or of any other committee, shall be subject to the continuing right of the Secretary to disapprove of the same at any time, and upon such disapproval shall be deemed null and void except as to acts done in reliance thereon or in compliance therewith.

Sec. 9. Members of the Control Committee shall serve without compensation, but shall be entitled to expenses necessarily incurred in the performance of their duties hereunder.

Sec. 10. The powers and duties of the Control Committee shall include the following:

1. To elect a chairman and, from time to time, such other officers as it may deem advisable, and to adopt rules and regulations for the performance of its duties under this Agreement.
2. To supervise the performance of this Agreement and to act as intermediary between the Secretary and the shippers, and the producers.
3. To appoint a manager and such other employees as it deems necessary and to determine the salaries and define the duties of such employees.
4. To appoint and define the duties and additional committees or sub-committees to assist it in the performance of any of its duties and functions hereunder.
5. To investigate suspected violations of this Agreement and to hear and dispose of all questions, disputes, and complaints arising in connection with the performance of this Agreement. If a member of the Control Committee shall be an interested party to any complaint or dispute or a representative of such an interested party, he shall, for the purpose of the consideration of such dispute or complaint, be disqualified as a member of the Control Committee. Such disqualifications, however, shall not be deemed to create a vacancy in the Control Committee within the prohibition of subdivision (b) of section 6 of this article. An appeal in writing may be taken to the Secretary, from any decision of the Control Committee by any person aggrieved thereby within ten (10) days after the decision is announced. Pending decision of any such appeal by the Secretary, the parties involved shall abide by the decision of the Control Committee unless the Secretary shall rule otherwise. In the event of an appeal, it shall be the duty of the Control Committee to forward to the Secretary its complete record with regard to such matter of such appeal.
6. To negotiate and confer with representatives of shippers and/or producers of potatoes produced in other states and areas, with respect to the formulation of a marketing agreement providing for the proration of shipments among the several areas in the United States where potatoes are grown.

Sec. 11. No shipper shall be entitled to participate in the selection of members of the Control Committee in accordance with the terms of this article, if he has failed to pay his contribution pursuant to article IX of this Agreement or pursuant to any license supplementary hereto issued pursuant to section 8 (3) of the Act.

ARTICLE IV—EXECUTIVE COMMITTEE

Section 1. An Executive Committee shall be established consisting of seven (7) members who shall be selected in accordance with the provisions

of this article and are to serve until September 15th of each year, and until their respective successors are selected. The initial members shall be selected within ten (10) days after the organization of the Control Committee and their respective successors (other than those selected to fill vacancies) shall be selected annually thereafter as herein provided. No delays in selection of any member or successor shall be deemed to invalidate any such selection.

Sec. 2. One member and his successor shall be selected for each district from the district membership of the Control Committee by a majority vote of said district members.

Sec. 3. Every group or persons selecting a member of the Executive Committee may, in the same manner, at any time, select an alternate to act in the place of such member, (a) in his absence and/or (b) in the event of his removal, resignation, or disqualification until a successor for his unexpired term has been selected.

Sec. 4. To fill any vacancy occasioned by the removal, resignation or disqualification of any member of the Executive Committee, a successor for his unexpired term shall be selected within fifteen (15) days after such vacancy occurs, by the person, persons, or group by whom, and in the same manner as, such member was selected.

Sec. 5. The powers and duties of the Executive Committee shall be defined by the Control Committee: Provided, however, That season prorotation as defined in article VI shall be determined only by the Control Committee.

ARTICLE V--DISTRICT PROROTATION COMMITTEE

Section 1. A Prorotation Committee shall be established in each district except as hereinafter provided, consisting of seven (7) members who shall be selected in accordance with the provisions of this article, and shall serve until the fifteenth day of September of each year and until their respective successors are selected; Provided, however, That in the Eastern Shore of Virginia District, the Prorotation Committee shall consist of nine (9) members to be selected as provided in this article. The initial members shall be selected within ten (10) days after the effective date of this Agreement, and their respective successors (other than those selected to fill vacancies) shall be selected annually at least fifteen (15) days prior to the termination of the term of their respective predecessors. No delay in the selection of any member or successor shall be deemed to invalidate any such selection.

Sec. 2. (1) Three (3) members and each of their respective successors except as hereinafter provided shall be selected by a general election in which all shippers of the District shall be entitled to participate. At any such election each shipper shall be entitled to cast but one vote in behalf of himself, agencies, partners, affiliates, subsidiaries, and representatives.

(2) Three (3) members and each of their respective successors except as hereinafter provided shall be selected by a general election in which

all producers of a district shall be entitled to participate. At any such election each producer shall be entitled to cast but one vote in behalf of himself, agencies, partners, affiliates, subsidiaries, and representatives.

(3) One (1) member and his successor in each district shall be selected by a majority vote of the members selected pursuant to the preceding paragraphs of this section.

(4) Four (4) members and each of their respective successors shall be selected by a general election in which all shippers in the Eastern Shore of Virginia District shall be entitled to participate. Provided, however, That if any shipper or shippers in said District shall have shipped twenty-five (25) percent or more of the total shipments of potatoes shipped from said District during the preceding year, then, in that event, each such shipper shall be entitled to select one of the members of said Proration Committee but said shipper shall not participate in the selection of the remaining members of such Committee. At any such election each shipper shall be entitled to cast but one vote on behalf of himself, agencies, partners, affiliates, subsidiaries, and representatives.

(5) Four (4) members and each of their respective successors shall be selected by a general election in which all producers in the Eastern Shore of Virginia District shall be entitled to participate. At any such election each producer shall be entitled to cast but one vote in behalf of himself, agencies, partners, affiliates, subsidiaries, and representatives.

(6) One (1) member and his respective successor in the Eastern Shore of Virginia District shall be selected by a majority vote of the members selected pursuant to paragraphs 4 and 5 of this section.

Sec. 3. Each person, persons, or group, in each district selecting a member of the District Proration Committee may, in the same manner, at any time, select an alternate, to act in the place and stead of such member (a) in his absence, and/or (b) in the event of his removal, resignation, or disqualification until a successor for his unexpired term has been selected.

Sec. 4. To fill any vacancy occasioned by the removal, resignation, or disqualification of any member of the District Proration Committee, a successor for his unexpired term shall be selected within fifteen (15) days after such vacancy occurs, by the person, persons, or group by whom and in the same manner as such member, was selected.

Sec. 5. If any member or successor is not selected within the applicable period specified in this article, the Secretary may select a person, with full power to act as a member, to serve until such member or successor is selected.

Sec. 6. Upon the selection of six (6) of its members, the Committee may organize and commence to function: Provided, however, That (a) this provision shall not affect or supersede any other provision in this agreement requiring a minimum vote with respect to specified action to be taken by the Committee; and (b) the Committee shall not perform any of its duties or powers herein granted while there are more than two (2) vacancies in its membership.

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Sec. 7. This Committee shall have the powers and perform the functions as provided in this Agreement.

ARTICLE VI--SEASON PROMOTION

Section 1. (1) Between the first and fifteenth days of October of each year the Control Committee, with the prior approval of the Secretary, shall determine the total quantity of potatoes which it deems advisable to ship from all districts under this Agreement during the succeeding year. Such advisable quantity shall be based on the following factors giving due consideration to their effect upon the prices received by producers for early potatoes: (a) Early potato production in past years; (b) quantity of late potatoes available for shipment after October first; (c) purchasing power of consumers; (d) general price level; (e) any other pertinent factors.

(2) The quantity so determined shall be allocated among the districts under this Agreement on the basis of the average carlot shipments for each such district for the preceding five (5) years. Each such district shall be allotted a proportionate share of the total advisable quantity to be shipped during the succeeding year which share shall be the proportion which the carlot shipments for said district bears to the total carlot shipments for all districts under this Agreement.

(3) In all instances where the same is applicable, the available official records and estimates of carlot shipments and/or their equivalent as furnished by the United States Department of Agriculture shall be used in the computations required under paragraphs (1) and (2) of this section.

(4) The Control Committee may, from time to time, with the prior approval of the Secretary, revise the total quantity of potatoes deemed advisable to ship from all districts during any year and/or change the allotment made to any district at any time in any year if the same may become necessary to effectuate the declared policy of the Act and the purposes of this Agreement, or equitably to distribute the total advisable quantity among the various districts. For the year 1934 no delay in the making of a season promotion shall invalidate such action.

(5) No shipments shall be made from any district under this Agreement in excess of the total amount allotted to such district by the Control Committee as provided herein.

Sec. 2. (1) Upon the execution of a Marketing Agreement for Shippers and Producers of Southwestern Potatoes Grown in Florida, Alabama, Louisiana, Mississippi, Tennessee, Texas, Arkansas and Oklahoma, and the issuance of a License for such shippers, and upon the inclusion of this section or one similar thereto in such marketing agreement and license and in the License issued on the 13th day of July, 1934 by M.L. Wilson, Acting Secretary of Agriculture of the United States entitled "License for Shippers of Potatoes Grown in Florida, Georgia, South Carolina, North Carolina, Virginia and Maryland", the Control Committee in conjunction with the Control Committee selected under such Marketing Agreement and License for Southwestern Potatoes shall meet in joint session, and may determine (a) the total quantity of potatoes deemed advisable to be shipped from all

districts included in said Marketing Agreement and License for Southwestern Potatoes and in this Agreement during the succeeding year, and (b) the division of such advisable quantity between the areas included in said Southwestern Potato Agreement and License and the areas included in this Agreement. The determination of the total advisable quantity to be shipped in the succeeding year shall be based upon the factors set forth in article VI of each marketing agreement, and the division of such total advisable quantity as to each area, shall be based on the same formula of the advisable quantity between districts. The joint session of the respective Control Committees as herein provided shall be held between the first and tenth day of October of each year at a place selected by agreement of said Control Committees. For the year 1934 no delay in the making of such determination shall invalidate such action.

(2) The aforesaid Control Committees acting in joint session may, from time to time, with the prior approval of the Secretary, revise the total quantity of potatoes deemed advisable to ship from all districts included in the Marketing Agreement and License for Southwestern Potatoes and in this Agreement during any year, and/or change the allotment made to the areas included in either agreement and/or license at any time in any year if the same may become necessary to effectuate the declared policy of the Act and the purposes of this Agreement, and equitably to distribute the total advisable quantity as between the areas included in either agreement and/or license.

(3) Upon the joint determination of the Control Committees as to the total quantity of potatoes deemed advisable to ship from the area covered by this Agreement, the Control Committee under this agreement shall proceed to allocate such total quantity among the respective districts included within this Agreement in the manner provided in section 1; Provided, however, That in the event the joint session of the Control Committees shall fail to determine the total quantities of potatoes deemed advisable for shipment from the respective areas affected, the Control Committee hereunder shall have the power to determine the total quantity advisable for shipment from the area covered by this Agreement in the manner provided in paragraph 1 of section 1.

(4) No shipments shall be made from the area included in this Agreement in excess of the total amount allotted to such area pursuant to section 2 of this article, if and when such allotment is made.

(5) The Control Committee under any marketing agreement and/or license for potatoes, executed subsequent to the effective time of this agreement may, with the prior approval of the Secretary, meet in the joint sessions of the Control Committees as provided in section 2 of this article. Such Committee shall have like privileges and be subject to the same regulations as provided for the Control Committees of the Eastern and Southwestern Potato Agreements in said sessions. The advisable quantity to be determined by such joint sessions of Control Committees shall include such additional territory and such additional territory shall be entitled to be allotted its share of the total quantity deemed advisable to be shipped in accordance with the formula and procedure above provided in this article.

ARTICLE VII--PERIOD PRORATION

Section 1. In order to stabilize prices by adjusting the supply of potatoes to the market demand, the District Proration Committee may from time to time institute proration of shipments during any period as herein after provided.

1. For the purpose of this article "District Proration Committee" means the members thereof who are qualified to vote as herein provided; "Proration period" means any period of time for which the District Proration Committee determine to institute a proration of shipments; "available and intended for shipment" means the quantity (subject to the limitations of the total seasonal shipments as determined in article VI) ready or to be ready for shipment and which is intended to be shipped in any proration period.

- (a) In determining proration of shipments those District Proration Committees which represent districts under this Agreement wherein potatoes are available and intended for shipment during a proration period shall constitute the District Proration Committee qualified to vote on proration of shipments during any such period. On all questions relative to proration as defined in this article the vote of each District Proration Committee shall be such proportion of the total vote as the available and intended shipments of such district for the proration period is of the total available and intended shipments of all such districts for the proration period.

Sec. 2. The District Proration Committees shall determine the total quantity of potatoes which they deem advisable to be shipped in any proration period.

1. Each shipper who intends to ship any quantity of potatoes during such proration period shall report to the District Proration Committee covering his district at such time and in such manner as said committee may prescribe the quantity of potatoes available and intended for shipment in such proration period which he has authority from the owner or producer to handle or to which he has legal title, together with the name of each such owner and producer and the quantity of potatoes he is authorized to handle for such owner or producer and intends to ship during such proration period.

2. Any producer of potatoes intending to ship potatoes during such proration period which no shipper has authority to ship may report to the District Proration Committee covering his district the quantity which he has available and intends for shipment in such proration period, at the same time and in the same manner as is prescribed for reports by shippers in subdivision (1) of this section.

3. From the reports made pursuant to subdivisions (1) and (2) of this section, the District Proration Committees shall determine the total quantity of potatoes of each and all districts making such reports of potatoes which are available and intended for shipment during such proration period.

4. If the total quantity of potatoes of all districts available and intended for shipment as determined pursuant to subdivision (3) of this Section exceeds the quantity deemed advisable for shipment as determined pursuant to section 3 the District Proration Committees shall institute a proration of shipments for such proration period by giving at least thirty-six (36) hours public notice thereof, and shall allocate to each district covered by the District Proration Committees and reporting potatoes available and intended for shipment, a proportionate share of the total quantity of potatoes deemed advisable for shipment. Such proportionate share shall be determined by applying to the quantity available and intended for shipment by each such district as determined pursuant to subdivision 3 of this section, the percentage which the total quantity deemed advisable for shipment as determined by section 2, is of the total quantity available and intended for shipment by all such districts as determined pursuant to subdivision 3 of this section.

Sec. 3. Upon the determination by the District Proration Committee that proration shall be made effective for any period of time, the District Proration Committees shall notify the District Proration Committee of each district of the allotment for its district during the designated proration period. Thereupon the said District Proration Committee shall determine the share of the allotment which may be handled by each shipper or producer within that district. Such share shall be such proportion to the total allotment as the quantity of potatoes which each shipper or producer reported to the District Proration Committee that he intends to ship during such period is to the total of all such intended shipments of said district.

Sec. 4. Subject to such regulations as the District Proration Committee may prescribe, the shippers or producers may assign allotments made to them pursuant to section 3 of this article; but notice of any such assignment shall be immediately given to the District Proration Committee.

Sec. 5. During any proration period each shipper shall abide by the allocation made to him and during such period each shipper shall, so far as practicable, divide his allocation among the producers for whom he handles such potatoes by applying the same percentage which had been applied in determining his allotment to the quantity of potatoes available for shipment by each of such producers.

Sec. 6. Any shipper shipping in excess of his allocation in any proration period shall be deemed to be in violation of this Agreement unless the District Proration Committee permits him to deduct double such excess from his allocation for the next succeeding proration period. Any shipper shipping less than his allocation in any proration period may, with the consent of the District Proration Committee, add the amount of such undershipment to his allocation for the next succeeding proration period, but only if such next succeeding proration period is consecutive without any intervening period of no proration.

Sec. 7. Nothing in this article contained shall be construed to authorize any limitation on the right to ship potatoes, in any amount, for charitable purposes or unemployment relief, provided, that the Control Committee may from time to time prescribe proper safeguards to prevent potatoes

shipped for such purposes from being reintroduced into the commercial channels of trade.

Sec. 8. The District Proration Committee may check the accuracy of the report of any shipper or any producer and may revise on the basis of such check the quantity reported as available and intended for shipment by such shipper or producer. All reports by shippers or by producers to the Control Committee shall be substantiated or verified in such manner as the Control Committee may determine, and all reports to the District Proration Committee shall be substantiated or verified in such manner as it may determine.

ARTICLE VIII--REPORTS

Section 1. To the Secretary.--1. The signatory shippers shall severally, from time to time, upon the request of the Secretary, furnish him information, on and in accordance with forms of reports to be supplied by him, for the purpose of (1) assisting the Secretary in the furtherance of his powers and duties with respect to this Agreement, and/or (2) enabling the Secretary to ascertain and determine the extent to which the declared policy of the Act and the purposes of this Agreement are being effectuated, such reports to be verified under oath. The Secretary's determination as to the necessity of and justification for the making of such reports and the information called for thereby shall be final and conclusive.

2. The signatory shippers also severally agree that, for the same purposes, and/or to enable the Secretary to verify the information furnished him on said forms of report, all their books and records, and the books and records of their affiliates and subsidiaries, shall during the usual hours of business, be subject to the examination of the Secretary. The Secretary's determination as to the necessity of and justification for any such examination shall be final and conclusive.

3. The signatory shippers and their respective affiliates and subsidiaries shall severally keep books and records which will clearly reflect all financial transactions of their respective businesses and the financial conditions thereof.

4. Each signatory shipper shall, from time to time, upon the request of the Secretary, report to the Secretary charges made or paid for commissions, brokerage, storage, packing, or for any other service or activities.

5. All information furnished the Secretary pursuant to this article shall remain confidential in accordance with the applicable General Regulations, Agricultural Adjustment Administration.

Sec. 2. To the committees.--To enable the committees to perform their duties hereunder and to make this Agreement effective each signatory shipper shall promptly furnish when, and in such form and substantiated in such manner as the respective committees may from time to time prescribe, all information requested as to quantities of potatoes available for shipment in any period, which he owns or has authority to handle, with the name of any person for whom he has authority to ship and the amount of such intended shipments, and all information requested as to shipments, destination of shipments, and diversion of shipments.

Sec. 3. To the manager.--Each signatory shipper shall report to the manager, daily, at the close of business such information concerning his business transactions in potatoes as the manager may prescribe. Such information shall remain confidential with the manager and the Secretary, except that the manager shall compile the same in such form as not to disclose the separate sources thereof, and may mail a copy thereof to each signatory shipper daily. The manager shall submit the daily reports of signatory shippers to the Secretary on his request.

Sec. 4. Reports by railroads.--The signatory shippers agree to and do hereby authorize any and all railroad companies and other transportation companies to furnish to the Control Committee, or any other committee, or agent designated by a committee, a complete daily record of each shipment of potatoes, showing the point of origin thereof, the shipper, the car number, the destination, and any diversion of the shipment, for the purpose of assisting in the orderly distribution of potatoes.

ARTICLE IX--EXPENSES AND INVESTIGATION

Section 1. To carry out the provisions of this Agreement and of any license supplementary thereto, issued pursuant to section 8 (3) of the Act, the Control Committee is authorized and directed:

- (a) To incur such reasonable obligations as may be necessary and proper, and to meet such obligations out of funds raised as herein provided;
- (b) To submit to the Secretary for his approval, subject to such notice and opportunity for hearing as the Secretary shall prescribe, (1) an itemized budget of its estimated expenses for the foregoing purposes and (2) an equitable basis upon which the funds necessary to support such budget, shall be contributed by the signatory shippers.

Sec. 2. Upon the approval by the Secretary of such budget, each of the signatory shippers agree to contribute to the Control Committee his share of the funds to be raised by it, in accordance with the basis of contribution submitted to and approved by the Secretary pursuant to subdivision (b) of section 1 of this article.

Sec. 3. The Control Committee is authorized and empowered, subject to the prior approval of the Secretary, to institute legal proceedings in the name of its individual members as a committee and to take such other steps as may be necessary to collect or enforce the payment of funds from persons liable therefor, pursuant to the foregoing sections. Unless otherwise provided in the notice of termination executed by the Secretary, the foregoing power shall continue after the termination of this Agreement, with respect to any funds which need to be raised and which are unpaid at the time of such termination. Nothing herein contained shall be construed to be in derogation or modification of the rights of the Secretary at any time to institute legal proceedings or to take such other steps as may be necessary to collect or enforce the payment of any such funds.

Sec. 4. Any funds which the Control Committee shall have on hand, or be entitled to receive under this article, upon the termination of this Agreement, over and above any amount necessary to meet outstanding obligations, shall at such time be returned to the signatory shippers pro rata in proportion to their contributions made pursuant to this Agreement, and/or pursuant to the license which may be issued supplementary hereto, pursuant to section 8 (3) of the Act.

Sec. 5. The necessary expenses of all committees other than the Control Committee created under this Agreement, shall be subject to approval by the Control Committee, and shall be paid by the Control Committee out of funds in its hands available for such purpose if included in the budget approved by the Secretary pursuant to section 1 hereof.

Sec. 6. The Control Committee may, in its discretion, for the purpose of (1) collecting money for administration expenses, and/or (2) keeping account of shipments and sales by shippers, require shippers to purchase from the Control Committee for each stated period of time, permits to be affixed to each package or carload of potatoes before the same shall be eligible for shipment in interstate or foreign commerce: Provided, however, That any payments required for such permits shall in no event exceed the contributions which may be assessed against the shippers pursuant to this article.

ARTICLE X—MAXIMUM CHARGES

Section 1. No signatory shipper, excepting producers' associations which operate on a strictly nonprofit, cooperative basis, shall charge a producer for any service, rendered in connection with potatoes shipped from the districts under this Agreement, in excess of the average sum charged by such shipper for the same service during the previous three shipping seasons: Provided, That if any such shipper has engaged in business less than three shipping seasons, such shipper shall not charge for any service in excess of his average charge during the period of his operations, unless the Control Committee shall permit him to charge a sum not exceeding the average charge during the last three shipping seasons by shippers in the same locality.

Sec. 2. (1) Any such shipper may appeal to the Control Committee for permission to increase his charges. The Control Committee may, subject to the right of any producer or shipper to appeal to the Secretary as provided in article III, authorize such shipper so to do upon proof of any one or more of the following facts:

- (a) That his labor costs have increased over the average costs during the period upon which the shipper's charges are based;
- (b) That his costs of materials have increased over the average costs during the period above specified;
- (c) That additional new service is being rendered to producers by the shipper, involving greater expense to the shipper and commensurate benefit to the producers.

2. The Control Committee shall authorize an increase, however, only to the extent necessary to equalize such additional costs.

ARTICLE XI--MISCELLANEOUS

Section 1. This Agreement may become effective with the approval of the Secretary to be given as herein provided as to the signatory producers and/or signatory shippers for any particular district or districts.

Sec. 2. Meetings of all committees created hereby or hereunder shall be open to any shipper, or any producer or the representative of any shipper or producer, who may attend any such meeting as an observer, unless the meeting is considering a dispute or controversy to which such shipper is a party.

Sec. 3. The members of any committee, and any employees thereof, shall not be held responsible individually in any way whatsoever to any shipper or any other person, for errors in judgment, mistakes, or other acts either of commission or omission, as such member or employee, except for acts of dishonesty. The liability of the shippers and producers hereunder is several and not joint and no shipper or producer shall be liable for the default of any other shipper or producer.

ARTICLE XII--LICENSING

The signatory shippers hereby apply for and consent to licensing by the Secretary. Such licensing shall be in accordance with the applicable General Regulations heretofore and hereafter prescribed by the Secretary and approved by the President, and shall be subject to the right and power of the Secretary, from time to time, to modify or amend any license so issued.

ARTICLE XIII--EFFECTIVE TIME

Section 1. This Agreement shall become effective at such time as the Secretary may declare above his signature attached hereto, and this Agreement shall continue in force until terminated as follows:

1. The Secretary may at any time terminate this Agreement as to all parties thereto by giving at least one (1) day's notice by means of a press release or in any other manner which the Secretary may determine.
2. The Secretary may at any time terminate this Agreement as to any party signatory thereto, by giving at least one (1) day's notice, by depositing the same in the mail and addressed to such party at his last known address.
3. The Secretary shall terminate this Agreement upon the request of (a) signatory producers who produced sixty-seven percent (67%) of the total volume of potatoes produced by all signatory producers during the marketing season next preceding the date of any such request, and (b) signatory shippers who shipped sixty-seven percent (67%) of the total volume of potatoes shipped by all signatory shippers during said season, by giving notice in the same manner as provided in paragraph (1) above.

4. This Agreement shall in any event terminate whenever the provisions of the Act authorizing it cease to be in effect.

ARTICLE XIV--DURATION OF IMMUNITIES

The benefits, privileges, and immunities conferred by virtue of this Agreement shall cease upon its termination, except with respect to acts done prior thereto; and the benefits, privileges, and immunities conferred by this Agreement upon any party signatory hereto shall cease upon its termination as to such party except with respect to acts done prior thereto.

ARTICLE XV--COUNTERPARTS

This Agreement may be executed in multiple counterparts and when one counterpart is signed by the Secretary, all such counterparts shall constitute, when taken together, one and the same instrument as if all such signatures were contained in one original.

ARTICLE XVI--ADDITIONAL PARTIES

After this Agreement first takes effect any shipper or producer, not a party to this Agreement, may become a party thereto, if a counterpart thereof is executed by him and by the Secretary. This Agreement shall take effect as to such new contracting party at such time as the Secretary may declare above his signature attached to such counterpart, and the benefits, privileges, and immunities conferred by this Agreement shall then be effective as to such contracting party.

ARTICLE XVII--AGENTS

The Secretary may, by a designation in writing, name any person, including any officer or employee of the Government, or any Bureau or Division of the United States Department of Agriculture, to act as his agent or agency in connection with any of the provisions of this Agreement.

ARTICLE XVIII--AMENDMENTS

Any term of this Agreement, with the exception of article XIII hereof, may be amended upon the consent of either (a) signatory producers, who produced sixty-seven percent (67%) of the total volume of potatoes produced by all signatory producers during the marketing season next preceding the effective date of any such amendment, or (b) signatory shippers who shipped sixty-seven percent (67%) of the total volume of potatoes shipped by all signatory shippers from the district under this Agreement during said marketing season: Provided, However, That any such amendment shall become effective only upon the written approval of the Secretary.

ARTICLE XIX--ANTITRUST LAWS

Any exemption from the antitrust laws, and/or any validation of any acts or things which would have been unlawful, which may result from the execution of this Agreement by the Secretary, shall not extend or be construed to extend further than is absolutely necessary for the purpose of carrying out the provisions of this Agreement.

ARTICLE XX--SIGNATURE OF PARTIES

In witness whereof the signatory shippers and the signatory producers, acting under the provisions of the Agricultural Adjustment Act, for the purposes and subject to the limitations herein contained, and not otherwise, have herewith set their respective hands and seals.

R. C. Abbot Co., by Kenyon Bailey, Mgr.; Albemarle Produce Co., by J. V. Champion, vice pres.; Baker Produce Corporation, by Jos. H. Baker, Pres.; Battaglia Produce Corporation, by G. Battaglia, Jr., vice pres.; Buxton White Seed Co., by Buxton White; G. W. Capps Produce Corporation, by G. W. Capps, Pres.; Currituck Mutual Exchange, Inc., by Emory Smith, Sec.-Treas.; M. J. Duer & Co., Inc., by M. J. Duer, Pres.; W. H. Durke; Eastern Shore of Virginia Produce Exchange, by Benjamin F. Gunter, Pres.; W. Hardy Taylor, Sec.; Vernon G. Everette; R. F. Etheridge; Farmers Produce Company, by Harold F. West; Godwin Produce Company, by W. P. Godwin; A. B. Greene; Growers Exchange, Inc., by W. R. Britton, Pres.; J. Miles Lankford; G. A. Marston; Markaley Produce Company, by J. A. Middleton; Phillips & Co., Inc., by W. T. Phillips, Pres.; Produce and Ginning Co., by E. R. Farrell, Mgr.; Quality Products, Inc., by Wm. B. Tilghman, Jr., Pres.; S. G. Scott; Seaboard Produce Distributors, Inc., by Geo. W. McMath; Southern Produce Company, by C. W. Coleman, Pres.; H. A. Williamson.

Potato Growers' Mass Meeting

IN THE FORM OF A PUBLIC HEARING

Monday, Nov. 26, 9.00 a.m.

Central High School (PAINTER, VA.)

CONDUCTED BY THE

AGRICULTURAL ADJUSTMENT ADMINISTRATION

Farmers - - - COME OUT AND EXPRESS YOURSELVES

(W. C. Strong, County Agent)
Onley, Va., 11/23/34

Please Post

Docket No. M.A. 251 -L -32
S. E. Potatoes.

NOTICE OF HEARING WITH RESPECT TO PROPOSED AMENDMENT
TO MARKETING AGREEMENT AND LICENSE

WHEREAS, under the Agricultural Adjustment Act, approved May 12, 1933, as amended, and under General Regulations Series 1, Revision 1, Series 4, Revision 1, and Series 3, all as amended, of the Agricultural Adjustment Administration, and

WHEREAS, a certain amendment to the Marketing Agreement for shippers of potatoes grown in Florida, Georgia, South Carolina, North Carolina, Virginia and Maryland, has been proposed to be executed pursuant to Section 8 (2) of the Agricultural Adjustment Act, and

WHEREAS, the Secretary of Agriculture has determined that there is reasonable cause to believe that pursuant to Section 8 (3) of said Act, in order to effectuate the declared policy of the Act, it is necessary also to amend the License heretofore issued for shippers of potatoes grown in Florida, Georgia, South Carolina, North Carolina, Virginia and Maryland.

NOW, THEREFORE, pursuant to said Act and said General Regulations, notice is hereby given of a hearing to be held in the Central High School, Painters, Virginia, on November 26, 1934, at 3:00 a.m., at which hearing interested parties will be heard with reference to said proposed amendment to the Marketing Agreement and License for shippers of potatoes grown in Florida, Georgia, South Carolina, North Carolina, Virginia and Maryland and with respect to any other amendments to said Marketing Agreement or License proposed at said hearing.

The proposed amendment relates to the matter of a quorum being necessary for the control board to function; authorization given to control committee to meet in joint session with control committees in other areas who include in their marketing agreement and license provisions similar to the ones contained in this said agreement; allocation to various districts under the agreement based on the average car lot shipments for each such district for the preceding five year period and other related matters.

Copies of the said proposed amendment to the Marketing Agreement and License are now on file and available for inspection and distribution in the office of the Chief Hearing Clerk, Department of Agriculture, Washington, D.C.

R. G. Tuquell
Acting Secretary.

Dated: November 16, 1934.
Washington, D. C.

Docket No. W.A. 252 - L - 33
S.E. Potatoes.

NOTICE OF HEARING WITH RESPECT TO PROPOSED AMENDED MARKETING
AGREEMENT AND ISSUANCE OF AMENDED LICENSE

WHEREAS, under the Agricultural Adjustment Act, approved May 12, 1933, as amended, and under General Regulations Series 1, Revision 1, Series 4, Revision 1, and Series 2, all as amended, of the Agricultural Adjustment Administration, and

WHEREAS, an amended Marketing Agreement for shippers of potatoes grown in Florida, Georgia, South Carolina, North Carolina, Virginia and Maryland, has been proposed to be executed pursuant to section 8 (2) of the Agricultural Adjustment Act, and

WHEREAS, the Secretary of Agriculture has determined that there is reasonable cause to believe that pursuant to section 8 (3) of said Act, and in accordance with General Regulations, in order to effectuate the declared policy of the Act, it is necessary to issue an amended License for shippers of potatoes grown in Florida, Georgia, South Carolina, North Carolina, Virginia and Maryland.

NOW, THEREFORE, pursuant to said Act and said General Regulations, notice is hereby given of a hearing to be held in the Federal Building at Washington, North Carolina, on December 3, 1934, at 9:00 a.m., at which hearing interested parties will be heard with reference to said proposed Amended Marketing Agreement and the issuance of an Amended License for shippers of potatoes grown in Florida, Georgia, South Carolina, North Carolina, Virginia and Maryland and with respect to any other amendments to said proposed Amended Marketing Agreement and/or License submitted at said hearing.

The proposed Amended Marketing Agreement relates to the establishment of a control committee and of an executive committee; seasonal proration; period proration; reports; expenses and investigation; maximum charges; consent to licensing and other related matters.

Copies of said proposed amended Marketing Agreement are now on file and available for inspection and distribution in the office of the Chief Hearing Clerk, Department of Agriculture, Washington, D.C.

Wm. L. Wilson

Acting Secretary.

Dated: November 19, 1934
Washington, D.C.

S. E. Potatoes
Bucket No. M. A. 253
L. 34

NOTICE OF HEARING WITH RESPECT TO PROPOSED AMENDED MARKETING
AGREEMENT AND ISSUANCE OF AMENDED LICENSE

WHEREAS, under the Agricultural Adjustment Act, approved May 12, 1933, as amended, and under General Regulations Series 1, Revision 1, Series 4, Revision 1, and Series 9, all as amended, of the Agricultural Adjustment Administration, and

WHEREAS, an amended Marketing Agreement for shippers of potatoes grown in Florida, Georgia, South Carolina, North Carolina, Virginia and Maryland, has been proposed to be executed pursuant to section 8 (2) of the Agricultural Adjustment Act, and

WHEREAS, the Secretary of Agriculture has determined that there is reasonable cause to believe that pursuant to section 8 (3) c. said Act, and in accordance with General Regulations, in order to effectuate the declared policy of the Act, it is necessary to issue an amended license for shippers of potatoes grown in Florida, Georgia, South Carolina, North Carolina, Virginia and Maryland,

NOW, THEREFORE, pursuant to said Act and said General Regulations, notice is hereby given of a hearing to be held at St. Pauls High School, Moggetts, South Carolina, on December 9, 1934, at 9:00 a. m., at which hearing interested parties will be heard with reference to said proposed Amended Marketing Agreement and the issuance of an Amended License for shippers of potatoes grown in Florida, Georgia, South Carolina, North Carolina, Virginia and Maryland and with respect to any other amendments to said proposed Amended Marketing Agreement and/or License, submitted at said hearing.

The proposed Amended Marketing Agreement relates to the establishment of a control committee and of an executive committee; seasonal proration; period proration; reports; expenses and investigation; maximum charges; consent to licensing; and other related matters.

Copies of said proposed amended Marketing Agreement are now on file and available for inspection and distribution in the office of the Chief Hearing Clerk, Department of Agriculture, Washington, D. C.

M. L. Wilson

Acting Secretary

Dated: November 19, 1934
Washington, D. C.

NOTICE OF HEARING WITH RESPECT TO PROPOSED AMENDED MARKETING
AGREEMENT AND ISSUANCE OF AMENDED LICENSE

WHEREAS, under the Agricultural Adjustment Act, approved May 12, 1933, as amended, and under General Regulations Series 1, Revision 1, Series 4, Revision 1, and Series 9, all as amended, of the Agricultural Adjustment Administration, and

WHEREAS, an amended Marketing Agreement for shippers of potatoes grown in Florida, Georgia, South Carolina, North Carolina, Virginia and Maryland, has been proposed to be executed pursuant to section 8 (2) of the Agricultural Adjustment Act, and

WHEREAS, the Secretary of Agriculture has determined that there is reasonable cause to believe that pursuant to section 8 (3) of said Act, and in accordance with General Regulations, in order to effectuate the declared policy of the Act, it is necessary to issue an amended License for shippers of potatoes grown in Florida, Georgia, South Carolina, North Carolina, Virginia and Maryland.

NOW, THEREFORE, pursuant to said Act and said General Regulations, notice is hereby given of a hearing to be held at Hastings High School, Hastings, Florida, on December 7, 1934, at 9:30 a.m., at which hearing interested parties will be heard with reference to said proposed amended Marketing Agreement and the issuance of an amended License for shippers of potatoes grown in Florida, Georgia, South Carolina, North Carolina, Virginia and Maryland and with respect to any other amendments to said proposed amended Marketing Agreement and/or License submitted at said hearing.

The proposed Amended Marketing Agreement relates to the establishment of a control committee and of an executive committee; seasonal proration; period proration; reports; expenses and investigation; maximum charges; consent to licensing and other related matters.

Copies of said proposed amended Marketing Agreement are now on file and available for inspection and distribution in the office of the Chief Hearing Clerk, Department of Agriculture, Washington, D.C.

M. L. Wilson

Acting Secretary.

Dated: November 13, 1934.
Washington, D.C.

HEARING PROCEDURE
for
ALL PERSONS
who

APPEAR, TESTIFY, PRESENT EVIDENCE OR ARGUMENT

AT HEARINGS

upon

MARKETING AGREEMENTS, CODES, OR LICENSES

and

INFORMATION

as to

WHAT MUST BE DONE TO CONFORM WITH
GOVERNMENT REGULATIONS

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL ADJUSTMENT ADMINISTRATION

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I. PROCEDURE BEFORE OPENING OF THE HEARING

(A) Entering Appearances. All persons, their counsel or representatives who desire to be heard, to offer evidence, or to file any written statements or briefs at a hearing must enter their appearances by filling in Appearance Forms, which will be supplied either by the Assistant Hearing Clerk or the Official Reporter present at the hearing. Everyone entering an appearance will be given full opportunity to testify either orally, in writing, or both. No testimony will be inserted in the record unless the witness has entered his appearance in this manner.

Appearance forms may be executed at any time prior to the hearing through the office of the Chief Hearing Clerk, who will transmit the forms to the Presiding Officer assigned to the hearing.

II. PROCEDURE DURING THE HEARING

(A) Responsibilities of Presiding Officer and Witnesses. The hearing will be held under the direction of a Presiding Officer, whose rulings will be final as to all decisions involving the conducting thereof.

All witnesses will be sworn before testifying. In the interest of economy and time, witnesses are to be as concise as possible in their statements and yet make their positions and views clear. Each witness will be required to state whom he represents or on behalf of whom he is speaking. The Presiding

Officer will restrain any witness from burdening the record with irrelevant or immaterial testimony. Cross-examination of witnesses will not be allowed and no questions will be permitted from the floor until the witness has concluded his statement. After the witness has concluded his statement it is discretionary with the Presiding Officer whether or not questions from the floor will be allowed, but in no case will such questions be allowed direct to the witness without permission first being obtained from the Presiding Officer. All persons attending the hearing, however, will have an opportunity to answer either by oral testimony or in writing any statement made by a witness. The Presiding Officer and other representatives of the Government sitting with him are empowered to ask witnesses questions at any time during the hearing in order to clarify their position and to assist the witnesses in bringing out necessary facts.

(B) Order of Testimony. At the hearing the following shall be the order or method of the proceedings unless the Presiding Officer shall, in his discretion, determine a different order or method of procedure (this procedure is quoted verbatim from General Regulations, Series 1, Revision 1, and Series 2).

1. Marketing Agreements.

(a) The Presiding Officer shall cause the proposed agreement to be read without argument or comment.

(b) Persons in favor of the proposed marketing agreement will be heard on the question of whether there should be any marketing agreement, and those proposing the marketing agreement shall

show that the proposed marketing agreement tends to effectuate the declared policy of the Act.

(c) Persons who are in opposition to the Secretary becoming a party to any marketing agreement will then be heard. No testimony will be permitted at this stage of the proceedings as to any specific provisions of the proposed marketing agreement.

(d) Persons in favor of the proposed marketing agreement will then be heard on the question of the advisability of the several provisions of the proposed marketing agreement.

(e) Persons who oppose any or all of the provisions of the marketing agreement or who desire to suggest additions, alterations, or modifications in respect of the proposed marketing agreement, will then be heard, and any such suggested additions, alterations, or modifications must be submitted in writing at such time.

(f) Persons in favor of the proposed marketing agreement will then be permitted to discuss any such suggested additions, alterations, or modifications.

2. Codes

(a) The Presiding Officer shall cause the proposed code to be read without argument or comment.

(b) The sponsors of such proposed code shall then show that (1) such sponsors impose no inequitable restrictions on admission to membership and are truly representative of the trade or industry or subdivision thereof for which the code is proposed and (2) that the proposed code is not

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designed to promote monopolies or to eliminate or suppress small enterprises and will not operate to discriminate against them and will tend to effectuate the policy of the Act and (3) that the proposed code will not permit monopolies or monopolistic practices.

(c) Persons in favor of the proposed code will then be heard on the question of the advisability of the several provisions of the proposed code.

(d) Persons who oppose any or all of the provisions of the code or who desire to suggest additions, alterations, or modifications in respect of the proposed code will then be heard, and any such suggested additions, alterations, or modifications must be submitted in writing at such time.

(e) Persons in favor of the proposed code will then be permitted to discuss any such suggested additions, alterations, or modifications.

3. Licenses

Procedure with respect to licenses shall be substantially as that outlined above for marketing agreements.

(C) Written Exhibits. Immediately upon presentation to him by a witness at a hearing, the Presiding Officer will determine whether or not any written material presented is to be read into or attached to the record. If accepted, the Presiding Officer will number the document and immediately turn same over to the Official Reporter. The witness, however, will be allowed, if he so desires, the use of this numbered exhibit during the remainder of his statement, but must return it to the Official Reporter at the conclusion of his testimony.

If the material which the witness desires to use in support of his position is a book or other cumbersome document, the Presiding Officer may order it incorporated in the record by way of reference only, and/or to be filed in the Office of the Chief Hearing Clerk for purposes of said reference. The Official Reporter, on instruction from the Presiding Officer, shall number such documents and note in the record the fact that they are available for reference in the office of the Chief Hearing Clerk.

(D) Physical Exhibits. All exhibits other than printed matter submitted at a hearing are to be tagged and identified with the name and address of the party submitting same, and/or the organization he represents.

III. PROCEDURE SUBSEQUENT TO THE HEARING

A. Written Statements

The Presiding Officer will announce at the hearing the time to be allowed for the filing of briefs or other written testimony to be considered in connection with the record.

Briefs or other written testimony relating to the subject matter of the hearing may be filed before, at, or after the hearing. In any case, the same rules as to number of copies, sizes, verification, address, delivery, etc., will apply.

1. Number of Copies Necessary. Written material must be submitted in triplicate or in any additional number specified by the Presiding Officer at the hearing.

2. Size of Paper Required. Such written material, in so far as practicable, is to be submitted on letter-size -- $8\frac{1}{2}$ " x 11", and is to be fastened on the left-hand side.

3. Time of Delivery. Such written statements must be delivered to the office of the Chief Hearing Clerk, or be in the mail and postmarked for that office not later than 12:00 midnight of the final day of the period allowed by the Presiding Officer. This period shall commence to run on the day following the close of the hearing.

4. Statements to be Sworn To. All written statements shall bear substantially the following oath on each copy, which is to be subscribed and sworn to before a notary public, whose signature and seal must also appear on each copy of the brief:

STATE OF _____)
) SS:
 COUNTY OF _____)

I, _____, being first duly sworn, depose and say,

That I am the party who has signed the foregoing statement (argument or brief as case may be) and that all or any statements of fact therein contained are true to the best of my knowledge and belief.

SEAL

 Signature.

 Notary.

 Address.

5. Name and Address Necessary. All such written statements are to contain the name and address of the party submitting same.

6. Where to mail Statements. All such written statements are to be mailed to Chief Hearing Clerk, Room 5428 South Building, United States Department of Agriculture, Washington, D. C.

IV. HOW TO OBTAIN COPIES OF TRANSCRIPTS, CODES, AGREEMENTS, ETC.

Certified copies of all public documents relating to a given hearing may be obtained from the Office of the Chief Hearing Clerk, Agricultural Adjustment Administration.

Copies of proposed or finally approved codes, marketing agreements, licenses, etc., may be obtained from the correspondence, Records and Printing Section, Agricultural Adjustment Administration. All orders are to be accompanied by mailing lists of individual addresses.

Bulk orders for approved (printed) codes, agreements, licenses, etc. are to be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C., and are subject to a charge of \$3.75 per hundred.

Copies of the transcripts of hearing and accompanying documents are available for free public inspection in the office of the Chief Hearing Clerk, Agricultural Adjustment Administration.

Copies of the transcript of a given hearing are obtainable from the Official Reporter thereof for 10¢ per typewritten page. Agricultural Adjustment Administration hearings held in Washington, D.C.

are reported by Earl W. Cooper, 317 Columbian Building, Washington, D. C. Agricultural Adjustment Administration hearings held in cities other than Washington, D. C. are reported by Neil Satterlee, 1742 K St., N. W., Washington, D. C.

UNITED STATES
DEPARTMENT OF AGRICULTURE
AGRICULTURAL ADJUSTMENT ADMINISTRATION

MARKETING AGREEMENT SERIES—AGREEMENT No. 48
LICENSE SERIES—LICENSE No. 76

MARKETING AGREEMENT, AMENDMENT TO
MARKETING AGREEMENT, AND LICENSE
FOR
SHIPPERS OF POTATOES GROWN IN FLORIDA
GEORGIA, SOUTH CAROLINA
NORTH CAROLINA, VIRGINIA, AND MARYLAND

Marketing agreement approved and executed by the
Acting Secretary of Agriculture, July 12, 1934
Effective, 12:01 a.m., eastern standard time, July 13, 1934

Amendment to marketing agreement approved and executed by the
Acting Secretary of Agriculture, July 13, 1934
Effective, 12:07 p.m., eastern standard time, July 13, 1934

License issued by the Acting Secretary of Agriculture, July 13, 1934
Effective, 12:01 a.m., eastern standard time, July 14, 1934



UNITED STATES
GOVERNMENT PRINTING OFFICE
WASHINGTON : 1934

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**MARKETING AGREEMENT FOR EASTERN POTATOES
GROWN IN FLORIDA, GEORGIA, SOUTH CAROLINA,
NORTH CAROLINA, VIRGINIA, AND MARYLAND**

ARTICLE I—PURPOSES

The parties to this Agreement are the signatory shippers and signatory producers of potatoes grown in Florida, Georgia, South Carolina, North Carolina, Virginia, and Maryland, and the Secretary of Agriculture of the United States.

Whereas it is the declared policy of Congress as set forth in section 2 of the Agricultural Adjustment Act, approved May 12, 1933, as amended:

(1) To establish and maintain such balance between the production and consumption of agricultural commodities, and such marketing conditions therefor, as will reestablish prices to farmers at a level that will give agricultural commodities a purchasing power with respect to articles that farmers buy, equivalent to the purchasing power of agricultural commodities in the base period, the base period in the case of all agricultural commodities except tobacco being the pre-war period, August 1909-July 1914, and in the case of tobacco, the base period being the post-war period August 1919-July 1929;

(2) To approach such equality of purchasing power by gradual correction of the present inequalities therein at as rapid a rate as is deemed feasible in view of the current consumptive demand in domestic and foreign markets; and

(3) To protect the consumers' interest by readjusting farm production at such level as will not increase the percentage of the consumers' retail expenditures for agricultural commodities, or products derived therefrom, which is returned to the farmer, above the percentage which was returned to the farmer in the pre-war period, August 1909-July 1914; and

Whereas, pursuant to the Agricultural Adjustment Act, the parties hereto, for the purpose of correcting conditions now obtaining in the production of potatoes in Florida, Georgia, South Carolina, North Carolina, Virginia, and Maryland, and the distribution thereof, and to effectuate the declared policy of the Act, desire to enter into a marketing agreement under the provisions of section 8, subsection 2, of the Act;

Now, therefore, the parties hereto agree as follows:

ARTICLE II—DEFINITIONS

SECTION 1. As used in this Agreement, the following terms have the following meanings:

1. "Secretary" means the Secretary of Agriculture of the United States.

2. "Act" means the Agricultural Adjustment Act, approved May 12, 1933, as amended.

3. "Person" means individual, partnership, corporation, association, or any other business unit.

4. "Potatoes" means and includes all varieties of potatoes (*Solanum tuberosum*) grown in the States of Florida, Georgia, South Carolina, North Carolina, Virginia, and Maryland.

5. "Shipper" means and includes any person, whether or not such person is also a producer engaged wholly or in part in the business of shipping or consigning potatoes grown in any and all of the districts as herein defined from any point within said respective Districts.

6. "Signatory shipper" means any shipper who is party signatory to this Agreement.

7. "Producer" means any producer of potatoes grown in any of said Districts as herein defined. "Signatory producer" means any producer who is a party signatory to this Agreement.

8. "Ship" means to convey or cause to be conveyed in the continental United States and/or Canada by rail, truck, boat, or by any means whatsoever, whether as owner, agent, or otherwise, in the current of interstate or foreign commerce.

9. "Control Committee" means the Control Committee created pursuant to article III hereof.

10. "Manager" means the manager appointed by the Control Committee pursuant to article III hereof.

11. "Executive Committee" means the Executive Committee elected pursuant to article IV hereof.

12. "District Proration Committee" means any of the Proration Committees elected pursuant to article V hereof.

13. "Books and records" means any books, records, accounts, contracts, documents, memoranda, papers, correspondence, or other written data pertaining to the business of the person in question.

14. "Subsidiary" means any person of or over whom or which, a shipper or an affiliate of a shipper has, or several shippers collectively have, either directly or indirectly, actual or legal control, whether by stock ownership or in any other manner.

15. "Affiliate" means any person and/or any subsidiary thereof, who or which has, either directly or indirectly, actual or legal control of or over a shipper, whether by stock ownership or in any other manner.

16. "District" means and includes any of the geographical producing areas defined as follows:

(a) North Florida district—comprised of that part of the State of Florida north of the south boundary line of Volusia County except the counties of Escambia and Santa Rosa;

(b) South Florida district—comprised of that part of the State of Florida south of the south boundary line of Volusia County;

(c) South Carolina-Georgia district—comprised of the States of South Carolina and Georgia;

(d) North Carolina district—comprised of the State of North Carolina except the northeastern counties of Currituck, Camden, Pasquotank, Perquimans, Chowan, and Gates;

(e) Norfolk, Virginia-Elizabeth City, North Carolina, district—comprised of the North Carolina counties of Currituck, Camden, Pasquotank, Perquimans, Chowan, and Gates, and those commercial early-producing sections in Virginia, south and west of the Chesapeake Bay and Potomac River;

(f) Eastern Shore of Virginia district—comprised of the Northampton and Accomac Counties of Virginia;

(g) Eastern Shore of Maryland district—comprised of the nine counties in Maryland east of Chesapeake Bay.

ARTICLE III—CONTROL COMMITTEE

SECTION 1. A Control Committee, consisting of signatory producers and signatory shippers, shall be established which shall be selected in accordance with the provisions of this article and shall serve until September 15th of each year and until their respective successors are selected. The initial members shall be selected within ten (10) days after the effective date of this Agreement and their respective successors (other than those selected to fill vacancies) shall be selected annually thereafter at least fifteen (15) days prior to the termination of the term of office of their respective predecessors. No delay in the selection of any member or successor shall be deemed to invalidate any such selection.

SEC. 2. (1) Each district from which there has been shipped less than 2,000 carloads of potatoes during the preceding year shall be entitled to one member, who, and his successor, shall be selected by the shippers of such district: *Provided, however*, That if in any such district any shipper or shippers have, individually, shipped more than 25 percent of all potatoes shipped from such district, then in that event such district shall be entitled to two members, one of whom shall be selected by the remaining shippers in such district and the other member shall be selected by such shippers who have individually shipped more than 25 percent of all potatoes shipped from such district.

(2) Each district from which there has been shipped not less than 2,000 carloads and not more than 5,000 carloads of potatoes during the preceding year shall be entitled to two members, who, and their respective successors, shall be selected by shippers of such district: *Provided, however*, That (1) if in any such district one shipper has shipped more than 25 percent of all potatoes shipped from such district, then, in that event, one of said members shall be selected by the remaining shippers in such district and the other member shall be selected by such shipper who has individually shipped more than 25 percent of all potatoes shipped from such district and (2) if in any such district more than one shipper has individually shipped more than 25 percent of all potatoes shipped from such district, then, in that event, such district shall be entitled to three members, one of whom shall be selected by the remaining shippers in such district and the other two members shall be selected by such shippers who have individually shipped more than 25 percent of all potatoes shipped from such district.

(3) Each district from which there has been shipped more than 5,000 carloads of potatoes during the preceding year shall be entitled to three (3) members who, and their respective successors, shall be selected by the shippers of such district: *Provided, however*, That (1) if in any such district any shipper has shipped more than 25 percent of all potatoes shipped from such district, then, in that event, two (2) of said members shall be selected by the remaining shippers in such district and the other members shall be selected by such shipper who has individually shipped more than 25 percent of all potatoes shipped from such district and (2) if in any such district more than one shipper has individually shipped more than 25 percent of all potatoes shipped from such district, then, in that event, one of said

members shall be selected by the remaining shippers in such district and the other two members shall be selected by such shippers who have individually shipped more than 25 percent of all potatoes shipped from such district.

(4) A member and his successor shall be selected by the producers of each district for every shipper representative selected and named for such district as hereinabove provided in this article. Such member so selected shall be a producer of potatoes who is not engaged in the business of shipping, consigning, or otherwise handling potatoes other than potatoes of his own production.

(5) All members and each of their respective successors to be selected as hereinabove provided shall be selected by general elections in which all shippers and producers, as herein provided, shall be entitled to participate. At any such elections each shipper and/or producer shall be entitled to cast but one vote on behalf of himself, agents, partners, affiliates, subsidiaries, and representatives.

(6) No shipper, including his subsidiaries and affiliates, shall be represented by more than one member on the Control Committee.

(7) The number of carloads of potatoes shipped from any district shall be determined in terms of carloads or their equivalent, as recorded by the United States Department of Agriculture for the preceding year.

Sec. 3. Every group or person selecting or naming a member of the Control Committee may, in the same manner, at any time, select or name an alternate to act in the place of such member, (a) in his absence and/or (b) in the event of his removal, resignation, or disqualification until a successor for his unexpired term has been selected or named.

Sec. 4. To fill any vacancy occasioned by the removal, resignation, or disqualification of any member of the Control Committee, a successor for his unexpired term shall be selected or named within fifteen (15) days after such vacancy occurs, by the person, persons, or group by whom, and in the same manner as, such member was selected or named.

Sec. 5. If any member or successor is not selected within the applicable period specified in this article, the Secretary may select a person with full power to act as a member to serve until such member or successor is selected.

Sec. 6. Upon the selection of three-fourths of its members, the Control Committee may organize and commence to function: *Provided, however,* That (a) This provision shall not affect or supersede any other provision in this Agreement requiring a minimum vote with respect to specified action to be taken by the Control Committee; and (b) The Control Committee shall not perform any of its duties or powers herein granted while there are vacancies equal to or in excess of one-fourth of the total membership thereof.

Sec. 7. Upon the selection of any member or members of the Control Committee, the secretary of said Control Committee shall certify to the Secretary the name and address of each such member, and of his alternate, if any, and the date or dates of their selection. Before performing any duties as a member of the Control Committee each member thereof shall file with the Secretary a written acceptance of office, oath, and agreement to perform his duties as

such member. The members and alternates, if any, so certified to the Secretary, shall be deemed for all purposes to be the duly selected members and alternates of the Control Committee, subject, however, to the right of any interested party to protest such selection, in accordance with the applicable Administrative orders issued by the Secretary.

Sec. 8. The members of the Control Committee or of any other committee created hereunder (including successors, alternates, or persons selected by the Secretary), and any agent or employees appointed or employed by the Control Committee or by any other committee, shall be subject to removal by the Secretary at any time with or without cause. Each and every order, regulation, decision, determination, or other act of the Control Committee, or of any other committee, shall be subject to the continuing right of the Secretary to disapprove of the same at any time, and upon such disapproval shall be deemed null and void except as to acts done in reliance thereon or in compliance therewith.

Sec. 9. Members of the Control Committee shall serve without compensation, but shall be entitled to expenses necessarily incurred in the performance of their duties hereunder.

Sec. 10. The powers and duties of the Control Committee shall include the following:

1. To elect a chairman and, from time to time, such other officers as it may deem advisable, and to adopt rules and regulations for the performance of its duties under this Agreement.
2. To supervise the performance of this Agreement and to act as intermediary between the Secretary and the shippers, and the producers.
3. To appoint a manager and such other employees as it deems necessary and to determine the salaries and define the duties of such employees.
4. To appoint and define the duties and additional committees or subcommittees to assist it in the performance of any of its duties and functions hereunder.
5. To investigate suspected violations of this Agreement and to hear and dispose of all questions, disputes, and complaints arising in connection with the performance of this Agreement. If a member of the Control Committee shall be an interested party to any complaint or dispute or a representative of such an interested party, he shall, for the purpose of the consideration of such dispute or complaint, be disqualified as a member of the Control Committee. Such disqualifications, however, shall not be deemed to create a vacancy in the Control Committee within the prohibition of subdivision (b) of section 6 of this article. An appeal in writing may be taken to the Secretary from any decision of the Control Committee by any person aggrieved thereby within ten (10) days after the decision is announced. Pending decision of any such appeal by the Secretary, the parties involved shall abide by the decision of the Control Committee unless the Secretary shall rule otherwise. In the event of an appeal, it shall be the duty of the Control Committee to forward to the Secretary its complete record with regard to such matter of such appeal.

6. To negotiate and confer with representatives of shippers and/or producers of potatoes produced in other States and areas, with respect to the formulation of a marketing agreement providing for the proration of shipments among the several areas in the United States where potatoes are grown.

Sec. 11. No shipper shall be entitled to participate in the selection of members of the Control Committee in accordance with the terms of this article, if he has failed to pay his contribution pursuant to article IX of this Agreement or pursuant to any license supplementary hereto issued pursuant to section 8 (3) of the Act.

ARTICLE IV—EXECUTIVE COMMITTEE

SECTION 1. An Executive Committee shall be established consisting of seven (7) members who shall be selected in accordance with the provisions of this article and are to serve until September 15th of each year, and until their respective successors are selected. The initial members shall be selected within ten (10) days after the organization of the Control Committee and their respective successors (other than those selected to fill vacancies) shall be selected annually thereafter as herein provided. No delays in selection of any member or successor shall be deemed to invalidate any such selection.

Sec. 2. One member and his successor shall be selected for each district from the district membership of the Control Committee by a majority vote of said district members.

Sec. 3. Every group or persons selecting a member of the Executive Committee may, in the same manner, at any time, select an alternate to act in the place of such member, (a) in his absence and/or (b) in the event of his removal, resignation, or disqualification until a successor for his unexpired term has been selected.

Sec. 4. To fill any vacancy occasioned by the removal, resignation, or disqualification of any member of the Executive Committee, a successor for his unexpired term shall be selected within fifteen (15) days after such vacancy occurs, by the person, persons, or group by whom, and in the same manner as, such member was selected.

Sec. 5. The powers and duties of the Executive Committee shall be defined by the Control Committee; *Provided, however,* That season proration as defined in article VI shall be determined only by the Control Committee.

ARTICLE V—DISTRICT PRORATION COMMITTEE

SECTION 1. A Proration Committee shall be established in each district consisting of seven (7) members who shall be selected in accordance with the provisions of this article, and shall serve until the 15th day of September of each year and until their respective successors are selected. The initial members shall be selected within ten (10) days after the effective day of this Agreement and their respective successors (other than those elected to fill vacancies) shall be selected annually at least fifteen (15) days prior to the termination of the term of their respective predecessors. No delay in the selection of any member or successor shall be deemed to invalidate any such selection.

Sec. 2. (1) Three (3) members and each of their respective successors shall be selected by a general election in which all shippers of the district shall be entitled to participate. At any such election each shipper shall be entitled to cast but one vote on behalf of himself, agents, partners, affiliates, subsidiaries, and representatives.

(2) Three (3) members and each of their respective successors shall be selected by a general election in which all producers of the district shall be entitled to participate. At any such election each producer shall be entitled to cast but one vote on behalf of himself, agents, partners, affiliates, subsidiaries, and representatives.

(3) One (1) member and his successor in each district shall be selected by a majority vote of the members selected pursuant to the preceding paragraphs of this section.

Sec. 3. Each person, persons, or group in each district selecting a member of the District Proration Committee may, in the same manner, at any time, select an alternate, to act in the place and stead of such member (a) in his absence, and/or (b) in the event of his removal, resignation, or disqualification until a successor for his unexpired term has been selected.

Sec. 4. To fill any vacancy occasioned by the removal, resignation, or disqualification of any member of the District Proration Committee, a successor for his unexpired term shall be selected within fifteen (15) days after such vacancy occurs, by the person, persons, or group by whom and in the same manner as such member was selected.

Sec. 5. If any member or successor is not selected within the applicable period specified in this article, the Secretary may select a person, with full power to act as a member, to serve until such member or successor is selected.

Sec. 6. Upon the selection of six (6) of its members, the Committee may organize and commence to function: *Provided, however*, That (a) this provision shall not affect or supersede any other provision in this Agreement requiring a minimum vote with respect to specified action to be taken by the committee; and (b) the committee shall not perform any of its duties or powers herein granted while there are more than two (2) vacancies in its membership.

Sec. 7. This committee shall have the powers and perform the functions as provided in this Agreement.

ARTICLE VI—SEASON PRORATION

SECTION 1. (1) Between the first and fifteenth days of October of each year the Control Committee, subject to the disapproval of the Secretary, shall determine the total quantity of potatoes which it deems advisable to ship from all districts under this Agreement during the succeeding year. Such advisable quantity shall be based on the following factors relative to their effect upon the prices received by producers for early potatoes: (a) Early potato production in past years; (b) quantity of late potatoes available for shipment after October first; (c) purchasing power of consumers; (d) general price level; (e) any other pertinent factors.

(2) The quantity so determined shall be allocated among the districts under this Agreement on the basis of the calculated production for each such district obtained by multiplying the average acreage

based on the preceding five (5) years by the average yield during the preceding ten (10) years for such district. Each such district shall receive a proportionate share of the total advisable quantity to be shipped during the succeeding year which share shall be the proportion which the calculated production for said district bears to the total calculated production for all districts under this Agreement.

In all instances where the same is applicable the official forecasts and estimates of acreage and yield as determined by the Crop Reporting Board of the United States Department of Agriculture shall be used in the computation of such season proration.

(3) The Control Committee may, from time to time, with the approval of the Secretary, revise the total quantity of potatoes deemed advisable to ship from all districts during any year and/or change the allotment made to any district at any time in any year if the same may become necessary to effectuate the declared policy of the Act and the purposes of this Agreement.

(4) No shipments shall be made from any district under this Agreement in excess of the total amount allotted to such district as determined herein by the Control Committee.

ARTICLE VII—PERIOD PRORATION

SECTION 1. In order to stabilize prices by adjusting the supply of potatoes to the market demand, the District Proration Committee may from time to time institute proration of shipments during any period as hereinafter provided.

1. For the purpose of this article "District Proration Committee" means the members thereof who are qualified to vote as herein provided; "Proration period" means any period of time for which the District Proration Committees determine to institute a proration of shipments; "available and intended for shipment" means the quantity (subject to the limitations of the total seasonal shipments as determined in article VI) ready or to be ready for shipment and which is intended to be shipped in any proration period.

(a) In determining proration of shipments those District Proration Committees which represent districts under this Agreement wherein potatoes are available and intended for shipment during a proration period shall constitute the District Proration Committees qualified to vote on proration of shipments during any such period. On all questions relative to proration as defined in this article the vote of each District Proration Committee shall be such proportion of the total vote as the available and intended shipments of such district for the proration period is of the total available and intended shipments of all such districts for the proration period.

Sec. 2. The District Proration Committees shall determine the total quantity of potatoes which they deem advisable to be shipped in any proration period.

1. Each shipper who intends to ship any quantity of potatoes during such proration period shall report to the District Proration Committee covering his district at such time and in such manner as said committee may prescribe the quantity of potatoes available and intended for shipment in such proration period which he has

authority from the owner or producer to handle or to which he has legal title, together with the name of each such owner and producer and the quantity of potatoes he is authorized to handle for such owner or producer and intends to ship during such proration period.

2. Any producer of potatoes intending to ship potatoes during such proration period which no shipper has authority to ship may report to the District Proration Committee covering his district the quantity which he has available and intends for shipment in such proration period, at the same time and in the same manner as is prescribed for reports by shippers in subdivision (1) of this section.

3. From the reports made pursuant to subdivisions (1) and (2) of this section, the District Proration Committees shall determine the total quantity of potatoes of each and all districts making such reports of potatoes which are available and intended for shipment during such proration period.

4. If the total quantity of potatoes of all districts available and intended for shipment as determined pursuant to subdivision (3) of this section exceeds the quantity deemed advisable for shipment as determined pursuant to section 2 the District Proration Committees shall institute a proration of shipments for such proration period by giving at least thirty-six (36) hours public notice thereof, and shall allocate to each district covered by the District Proration Committees and reporting potatoes available and intended for shipment, a proportionate share of the total quantity of potatoes deemed advisable for shipment. Such proportionate share shall be determined by applying to the quantity available and intended for shipment by each such district as determined pursuant to subdivision 3 of this section, the percentage which the total quantity deemed advisable for shipment as determined by section 2, is of the total quantity available and intended for shipment by all such districts as determined pursuant to subdivision 3 of this section.

Sec. 3. Upon the determination by the District Proration Committees that proration shall be made effective for any period of time, the District Proration Committees shall notify the District Proration Committee of each district of the allotment for its district during the designated proration period. Thereupon the said District Proration Committee shall determine the share of the allotment which may be handled by each shipper or producer within that district. Such share shall be such proportion to the total allotment as the quantity of potatoes which each shipper or producer reported to the District Proration Committee that he intends to ship during such period is to the total of all such intended shipments for said district.

Sec. 4. Subject to such regulations as the District Proration Committee may prescribe, the shippers or producers may assign allotments made to them pursuant to section 3 of this article; but notice of any such assignment shall be immediately given to the District Proration Committee.

Sec. 5. During any proration period each shipper shall abide by the allocation made to him and during such period each shipper shall, so far as practicable, divide his allocation among the producers for whom he handles such potatoes by applying the same percentage

which had been applied in determining his allotment to the quantity of potatoes available for shipment by each of such producers.

Sec. 6. Any shipper shipping in excess of his allocation in any proration period shall be deemed to be in violation of this Agreement unless the District Proration Committee permits him to deduct double such excess from his allocation for the next succeeding proration period. Any shipper shipping less than his allocation in any proration period may, with the consent of the District Proration Committee, add the amount of such undershipment to his allocation for the next succeeding proration period, but only if such next succeeding proration period is consecutive without any intervening period of no proration.

Sec. 7. Nothing in this article contained shall be construed to authorize any limitation on the right to ship potatoes, in any amount, for charitable purposes or unemployment relief, provided, that the Control Committee may from time to time prescribe proper safeguards to prevent potatoes shipped for such purposes from being reintroduced into the commercial channels of trade.

Sec. 8. The District Proration Committee may check the accuracy of the report of any shipper or any producer and may revise on the basis of such check the quantity reported as available and intended for shipment by such shipper or producer. All reports by shippers or by producers to the Control Committee shall be substantiated or verified in such manner as the Control Committee may determine, and all reports to the District Proration Committee shall be substantiated or verified in such manner as it may determine.

ARTICLE VIII—REPORTS

SECTION 1. *To the Secretary.*—1. The signatory shippers shall severally, from time to time, upon the request of the Secretary, furnish him information, on and in accordance with forms of reports to be supplied by him, for the purpose of (1) assisting the Secretary in the furtherance of his powers and duties with respect to this Agreement, and/or (2) enabling the Secretary to ascertain and determine the extent to which the declared policy of the Act and the purposes of this Agreement are being effectuated, such reports to be verified under oath. The Secretary's determination as to the necessity of and justification for the making of such reports and the information called for thereby shall be final and conclusive.

2. The signatory shippers also severally agree that, for the same purposes, and/or to enable the Secretary to verify the information furnished him on said forms of report, all their books and records, and the books and records of their affiliates and subsidiaries, shall, during the usual hours of business, be subject to the examination of the Secretary. The Secretary's determination as to the necessity of and justification for any such examination shall be final and conclusive.

3. The signatory shippers and their respective affiliates and subsidiaries shall severally keep books and records which will clearly reflect all financial transactions of their respective businesses and the financial conditions thereof.

4. Each signatory shipper shall, from time to time, upon the request of the Secretary, report to the Secretary charges made or paid for commissions, brokerage, storage, packing, or for any other service or activities.

5. All information furnished the Secretary pursuant to this article shall remain confidential in accordance with the applicable General Regulations, Agricultural Adjustment Administration.

SEC. 2. *To the committees.*—To enable the committees to perform their duties hereunder and to make this Agreement effective each signatory shipper shall promptly furnish when, and in such form and substantiated in such manner as the respective committees may from time to time prescribe, all information requested as to quantities of potatoes available for shipment in any period, which he owns or has authority to handle, with the name of any person for whom he has authority to ship and the amount of such intended shipments, and all information requested as to shipments, destination of shipments, and diversion of shipments.

SEC. 3. *To the manager.*—Each signatory shipper shall report to the manager, daily, at the close of business such information concerning his business transactions in potatoes as the manager may prescribe. Such information shall remain confidential with the manager and the Secretary, except that the manager shall compile the same in such form as not to disclose the separate sources thereof, and may mail a copy thereof to each signatory shipper daily. The manager shall submit the daily reports of signatory shippers to the Secretary on his request.

SEC. 4. *Reports by railroads.*—The signatory shippers agree to and do hereby authorize any and all railroad companies and other transportation companies to furnish to the Control Committee, or any other committee, or agent designated by a committee, a complete daily record of each shipment of potatoes, showing the point of origin thereof, the shipper, the car number, the destination, and any diversion of the shipment, for the purpose of assisting in the orderly distribution of potatoes.

ARTICLE IX—EXPENSES AND INVESTIGATION

SECTION 1. To carry out the provisions of this Agreement and of any license supplementary thereto, issued pursuant to section 8 (3) of the Act, the Control Committee is authorized and directed:

(a) to incur such reasonable obligations as may be necessary and proper, and to meet such obligations out of funds raised as herein provided;

(b) to submit to the Secretary for his approval, subject to such notice and opportunity for hearing as the Secretary shall prescribe, (1) an itemized budget of its estimated expenses for the foregoing purposes and (2) an equitable basis upon which the funds necessary to support such budget shall be contributed by the signatory shippers.

SEC. 2. Upon the approval by the Secretary of such budget, each of the signatory shippers agree to contribute to the Control Committee his share of the funds to be raised by it, in accordance with the basis of contribution submitted to and approved by the Secretary pursuant to subdivision (b) of section 1 of this article.

Sec. 3. The Control Committee is authorized and empowered, subject to the prior approval of the Secretary, to institute legal proceedings in the name of its individual members as a committee and to take such other steps as may be necessary to collect or enforce the payment of funds from persons liable therefor, pursuant to the foregoing sections. Unless otherwise provided in the notice of termination executed by the Secretary, the foregoing power shall continue after the termination of this Agreement, with respect to any funds which need to be raised and which are unpaid at the time of such termination. Nothing herein contained shall be construed to be in derogation or modification of the rights of the Secretary at any time to institute legal proceedings or to take such other steps as may be necessary to collect or enforce the payment of any such funds.

Sec. 4. Any funds which the Control Committee shall have on hand, or be entitled to receive under this article, upon the termination of this Agreement, over and above any amount necessary to meet outstanding obligations, shall at such time be returned to the signatory shippers pro rata in proportion to their contributions made pursuant to this Agreement, and/or pursuant to the License which may be issued supplementary hereto, pursuant to section 8 (3) of the Act.

Sec. 5. The necessary expenses of all committees other than the Control Committee created under this Agreement, shall be subject to approval by the Control Committee, and shall be paid by the Control Committee out of funds in its hands available for such purpose if included in the budget approved by the Secretary pursuant to section 1 hereof.

Sec. 6. The Control Committee may, in its discretion, for the purposes of (1) collecting money for administration expenses, and/or (2) keeping account of shipments and sales by shippers, require shippers to purchase from the Control Committee for each stated period of time, permits to be affixed to each package or carload of potatoes before the same shall be eligible for shipments in interstate or foreign commerce: *Provided, however,* That any payments required for such permits shall in no event exceed the contributions which may be assessed against the shippers pursuant to this article.

ARTICLE X—MAXIMUM CHARGES

Section 1. No signatory shipper, excepting producers' associations which operate on a strictly nonprofit, cooperative basis, shall charge a producer for any service, rendered in connection with potatoes shipped from the districts under this Agreement, in excess of the average sum charged by such shipper for the same service during the previous three shipping seasons: *Provided,* That if any such shipper has engaged in business less than three shipping seasons, such shipper shall not charge for any service in excess of his average charge during the period of his operations, unless the Control Committee shall permit him to charge a sum not exceeding the average charge during the last three shipping seasons by shippers in the same locality.

Sec. 2. (1) Any such shipper may appeal to the Control Committee for permission to increase his charges. The Control Committee

may, subject to the right of any producer or shipper to appeal to the Secretary as provided in article III, authorize such shipper so to do upon proof of any one or more of the following facts:

- (a) That his labor costs have increased over the average costs during the period upon which the shipper's charges are based;
- (b) That his costs of materials have increased over the average costs during the period above specified;
- (c) That additional new service is being rendered to producers by the shipper, involving greater expense to the shipper and commensurate benefit to the producers.

(2) The Control Committee shall authorize an increase, however, only to the extent necessary to equalize such additional costs.

ARTICLE XI—MISCELLANEOUS

SECTION 1. This Agreement may become effective with the approval of the Secretary to be given as herein provided as to the signatory producers and/or signatory shippers for any particular district or districts.

SEC. 2. Meetings of all committees created hereby or hereunder shall be open to any shipper, or any producer or the representative of any shipper or producer, who may attend any such meeting as an observer, unless the meeting is considering a dispute or controversy to which such shipper is a party.

SEC. 3. The members of any committee, and any employees thereof, shall not be held responsible individually in any way whatsoever to any shipper or any other person, for errors in judgment, mistakes, or other acts either of commission or omission, as such member or employee, except for acts of dishonesty. The liability of the shippers and producers hereunder is several and not joint and no shipper or producer shall be liable for the default of any other shipper or producer.

ARTICLE XII—LICENSING

The signatory shippers hereby apply for and consent to licensing by the Secretary. Such licensing shall be in accordance with the applicable General Regulations heretofore and hereafter prescribed by the Secretary and approved by the President, and shall be subject to the right and power of the Secretary, from time to time, to modify or amend any license so issued.

ARTICLE XIII—EFFECTIVE TIME

SECTION 1. This Agreement shall become effective at such time as the Secretary may declare above his signature attached hereto, and this Agreement shall continue in force until terminated as follows:

1. The Secretary may at any time terminate this Agreement as to all parties thereto by giving at least one (1) day's notice by means of a press release or in any other manner which the Secretary may determine.

2. The Secretary may at any time terminate this Agreement as to any party signatory thereto, by giving at least one (1) day's notice, by depositing the same in the mail and addressed to such party at his last known address.

3. The Secretary shall terminate this Agreement upon the request of (a) signatory producers who produced sixty-seven percent (67%) of the total volume of potatoes produced by all signatory producers during the marketing season next preceding the date of any such request, and (b) signatory shippers who shipped sixty-seven percent (67%) of the total volume of potatoes shipped by all signatory shippers during said season, by giving notice in the same manner as provided in paragraph (1) above.

4. This Agreement shall in any event terminate whenever the provisions of the Act authorizing it cease to be in effect.

ARTICLE XIV—DURATION OF IMMUNITIES

The benefits, privileges, and immunities conferred by virtue of this Agreement shall cease upon its termination, except with respect to acts done prior thereto; and the benefits, privileges, and immunities conferred by this Agreement upon any party signatory hereto shall cease upon its termination as to such party except with respect to acts done prior thereto.

ARTICLE XV—COUNTERPARTS

This Agreement may be executed in multiple counterparts and when one counterpart is signed by the Secretary, all such counterparts shall constitute, when taken together, one and the same instrument as if all such signatures were contained in one original.

ARTICLE XVI—ADDITIONAL PARTIES

After this Agreement first takes effect any shipper or producer, not a party to this Agreement, may become a party thereto if a counterpart thereof is executed by him and by the Secretary. This Agreement shall take effect as to such new contracting party at such time as the Secretary may declare above his signature attached to such counterpart, and the benefits, privileges, and immunities conferred by this Agreement shall then be effective as to such contracting party.

ARTICLE XVII—AGENTS

The Secretary may, by a designation in writing, name any person, including any officer or employee of the Government, or any Bureau or Division of the United States Department of Agriculture, to act as his agent or agency in connection with any of the provisions of this Agreement.

ARTICLE XVIII—AMENDMENTS

Any term of this Agreement, with the exception of article XIII hereof, may be amended upon the consent of either (a) signatory producers, who produced sixty-seven percent (67%) of the total volume of potatoes produced by all signatory producers during the marketing season next preceding the effective date of any such amendment, or (b) signatory shippers who shipped sixty-seven per-

ment (67%) of the total volume of potatoes shipped by all signatory shippers from the district under this Agreement during said marketing season: *Provided, however*, That any such amendment shall become effective only upon the written approval of the Secretary.

ARTICLE XIX—ANTITRUST LAWS

Any exemption from the antitrust laws, and/or any validation of any acts or things which would have been unlawful, which may result from the execution of this Agreement by the Secretary, shall not extend or be construed to extend further than is absolutely necessary for the purpose of carrying out the provisions of this Agreement.

ARTICLE XX—SIGNATURE OF PARTIES

In witness whereof the signatory shippers and the signatory producers, acting under the provisions of the Agricultural Adjustment Act, for the purposes and subject to the limitations herein contained, and not otherwise, have hereunto set their respective hands and seals.

R. C. Abbot Co., by Kenyon Bailey, Mgr.; Albemarle Produce Co., by J. V. Champion, vice pres.; Baker Produce Corporation, by Jos. H. Baker, Pres.; Battaglia Produce Corporation, by G. Battaglia, Jr., vice pres.; Buxton White Seed Co., by Buxton White; G. W. Capps Produce Corporation, by G. W. Capps, Pres.; Currituck Mutual Exchange, Inc., by Emory Smith, Sec.-Treas.; M. J. Duer & Co., Inc., by M. J. Duer, Pres.; W. H. Durke; Eastern Shore of Virginia Produce Exchange, by Benjamin F. Gunter, Pres.; W. Hardy Taylor, Sec.; Vernon G. Eberwine; R. F. Etheridge; Farmers Produce Company, by Harold F. West; Godwin Produce Company, by W. P. Godwin; A. B. Greene; Growers Exchange, Inc., by W. R. Britton, Pres.; J. Miles Lankford; G. A. Marston; Parksley Produce Company, by J. A. Middleton; Phillips & Co., Inc., by W. T. Phillips, Pres.; Produce and Ginning Co., by E. R. Farrell, Mgr.; Quality Products, Inc., by Wm. B. Tilghman, Jr., Pres.; S. G. Scott; Seaboard Produce Distributors, Inc., by Geo. W. McMath; Southern Produce Company, by C. W. Coleman, Pres.; H. A. Williamson.

Whereas it is provided by section 8 of the Act as follows:

In order to effectuate the declared policy, the Secretary of Agriculture shall have power to enter into marketing agreements with processors, associations of producers, and others engaged in the handling in the current of interstate or foreign commerce of any agricultural commodity or product thereof, after due notice and opportunity for hearing to interested parties. The making of any such agreement shall not be held to be in violation of any of the antitrust laws of the United States, and any such agreement shall be deemed to

be lawful; *Provided*, That no such agreement shall remain in force after the termination of this Act;

Whereas due notice and opportunity for hearing to interested parties has been given pursuant to the provisions of the Act, and the regulations issued thereunder; and

Whereas pursuant to section 1 article XI, this Agreement may be made effective as to any particular district or districts; and

Whereas the Secretary finds:

(1) That the signatory shippers and signatory producers are engaged in the handling of potatoes grown in Norfolk, Virginia-Elizabeth City, North Carolina, district; Eastern Shore of Virginia district; and Eastern Shore of Maryland district in the current of interstate (and/or foreign) commerce; and

(2) That the conditions existing in the marketing and distribution of such potatoes in intrastate commerce burden and obstruct the marketing and distribution thereof in interstate (and/or foreign) commerce; and

(3) That the marketing and distribution of such potatoes in intrastate commerce is in competition with and inextricably intermingled with the marketing and distribution in interstate (and/or foreign) commerce; and

Whereas it appears, after due consideration, that this Agreement will tend to effectuate the policy of Congress declared in section 2 of the Act, as hereinbefore in this Agreement set forth:

Now, therefore, I, M. L. WILSON, Acting Secretary of Agriculture, acting under the provisions of the Agricultural Adjustment Act, for the purposes and within the limitations therein contained, and not otherwise, do hereby execute this Agreement in duplicate under my hand and the official seal of the Department of Agriculture in the city of Washington, D.C., on this 12th day of July 1934, and pursuant to the provisions hereof declare this Agreement to be effective as to the Norfolk, Virginia-Elizabeth City, North Carolina, district; Eastern Shore of Virginia district, and Eastern Shore of Maryland district on and after 12:01 a.m., eastern standard time, July 13, 1934.



M. L. Wilson

Acting Secretary of Agriculture.

AMENDMENT TO MARKETING AGREEMENT FOR EASTERN POTATOES GROWN IN FLORIDA, GEORGIA, SOUTH CAROLINA, NORTH CAROLINA, VIRGINIA, AND MARYLAND

Whereas the Secretary of Agriculture of the United States, pursuant to the terms and provisions of the Agricultural Adjustment Act, has on the 12th day of July, 1934, executed a Marketing Agreement for Eastern Potatoes grown in Florida, Georgia, South Carolina, North Carolina, Virginia and Maryland, the parties to said Marketing Agreement being the Secretary of Agriculture, the signatory shippers and the signatory producers of potatoes grown in said States; and

Whereas it is provided in article XVIII of said Marketing Agreement:

Any term of this Agreement, with the exception of article XIII hereof, may be amended upon the consent of either (a) signatory producers, who produced sixty-seven percent (67%) of the total volume of potatoes produced by all signatory producers during the marketing season next preceding the effective date of any such amendment, or (b) signatory shippers who shipped sixty-seven percent (67%) of the total volume of potatoes shipped by all signatory shippers from the districts under this Agreement during said marketing season: *Provided, however,* That any such amendment shall become effective only upon the written approval of the Secretary;

and

Whereas shippers, signatory to said Marketing Agreement, who shipped sixty-seven percent (67%) of the total volume of potatoes shipped by all shippers signatory to said Agreement from the districts under said Agreement during the marketing season next preceding the date hereof, have consented to the following amendment to said Marketing Agreement, to wit:

That article V in said Agreement be amended to read as follows:

SECTION 1. A Proration Committee shall be established in each district except as hereinafter provided, consisting of seven (7) members who shall be selected in accordance with the provisions of this article, and shall serve until the fifteenth day of September of each year and until their respective successors are selected: *Provided, however,* That in the Eastern Shore of Virginia District, the Proration Committee shall consist of nine (9) members to be selected as provided in this article. The initial members shall be selected within ten (10) days after the effective date of this Agreement, and their respective successors (other than those selected to fill vacancies) shall be selected annually at least fifteen (15) days prior to the termination of the term of their respective predecessors. No delay in the selection of any member or successor shall be deemed to invalidate any such selection.

SEC. 2. (1) Three (3) members and each of their respective successors except as hereinafter provided shall be selected by a gen-

eral election in which all shippers of the District shall be entitled to participate. At any such election each shipper shall be entitled to cast but one vote in behalf of himself, agencies, partners, affiliates, subsidiaries, and representatives.

"(2) Three (3) members and each of their respective successors except as hereinafter provided shall be selected by a general election in which all producers of a district shall be entitled to participate. At any such election each producer shall be entitled to cast but one vote in behalf of himself, agencies, partners, affiliates, subsidiaries, and representatives.

"(3) One (1) member and his successor in each district shall be selected by a majority vote of the members selected pursuant to the preceding paragraphs of this section.

"(4) Four (4) members and each of their respective successors shall be selected by a general election in which all shippers in the Eastern Shore of Virginia District shall be entitled to participate: *Provided, however*, That if any shipper or shippers in said District shall have shipped twenty-five (25) percent or more of the total shipments of potatoes shipped from said District during the preceding year, then, in that event, each such shipper shall be entitled to select one of the members of said Proration Committee but said shipper shall not participate in the selection of the remaining members of such Committee. At any such election each shipper shall be entitled to cast but one vote on behalf of himself, agencies, partners, affiliates, subsidiaries, and representatives.

"(5) Four (4) members and each of their respective successors shall be selected by a general election in which all producers in the Eastern Shore of Virginia District shall be entitled to participate. At any such election each producer shall be entitled to cast but one vote in behalf of himself, agencies, partners, affiliates, subsidiaries, and representatives.

"(6) One (1) member and his respective successor in the Eastern Shore of Virginia District shall be selected by a majority vote of the members selected pursuant to paragraphs 7 and 8 of this section.

"SEC. 3. Each person, persons, or group, in each district selecting a member of the District Proration Committee may, in the same manner, at any time, select an alternate, to act in the place and stead of such member (a) in his absence, and/or (b) in the event of his removal, resignation, or disqualification until a successor for his unexpired term has been selected.

"SEC. 4. To fill any vacancy occasioned by the removal, resignation, or disqualification of any member of the District Proration Committee, a successor for his unexpired term shall be selected within fifteen (15) days after such vacancy occurs, by the person, persons, or group by whom and in the same manner as such member was selected.

"SEC. 5. If any member or successor is not selected within the applicable period specified in this article, the Secretary may select a person, with full power to act as a member, to serve until such member or successor is selected.

"SEC. 6. Upon the selection of six (6) of its members, the Committee may organize and commence to function: *Provided, however*, That (a) this provision shall not affect or supersede any other pro-

vision in this Agreement requiring a minimum vote with respect to specified action to be taken by the Committee; and (b) the Committee shall not perform any of its duties or powers herein granted while there are more than two (2) vacancies in its membership.

"Sec. 7. This Committee shall have the powers and perform the functions as provided in this Agreement."

Now, therefore, M. L. WILSON, Acting Secretary of Agriculture, acting under and pursuant to article XVIII of said Marketing Agreement for Eastern Potatoes grown in Florida, Georgia, South Carolina, North Carolina, Virginia, and Maryland, does hereby approve, in duplicate, the foregoing amendment to the aforesaid Marketing Agreement, in the City of Washington, District of Columbia, on this 13th day of July, 1934, and declare said amendment to be effective on and after 12:01 p.m., eastern standard time, July 13, 1934.

M. L. Wilson

Acting Secretary of Agriculture.

LICENSE FOR SHIPPERS OF POTATOES GROWN IN NORFOLK, VIRGINIA-ELIZABETH CITY, NORTH CAROLINA DISTRICT—COMPRISED OF THE NORTH CAROLINA COUNTIES OF CURRITUCK, CAMDEN, PASQUOTANK, PERQUIMANS, CHOWAN, AND GATES, AND THOSE COMMERCIAL EARLY-PRODUCING SECTIONS IN VIRGINIA, SOUTH AND WEST OF THE CHESAPEAKE BAY AND POTOMAC RIVER; EASTERN SHORE OF VIRGINIA DISTRICT—COMPRISED OF THE NORTHAMPTON AND ACCOMAC COUNTIES OF VIRGINIA; EASTERN SHORE OF MARYLAND DISTRICT—COMPRISED OF THE NINE COUNTIES IN MARYLAND EAST OF CHESAPEAKE BAY

ARTICLE I—PURPOSES

Whereas it is provided by section 8 of the Agricultural Adjustment Act, approved May 12, 1933, as amended (hereinafter called the "Act"), as follows:

SEC. 8. In order to effectuate the declared policy the Secretary of Agriculture shall have power—

(3) To issue licenses permitting processors, associations of producers, and others, to engage in the handling, in the current of interstate or foreign commerce, of any agricultural commodity or product thereof, or any competing commodity or product thereof. Such licenses shall be subject to such terms and conditions not in conflict with existing acts of Congress or regulations pursuant thereto, as may be necessary to eliminate unfair practices or charges that prevent or tend to prevent the effectuation of the declared policy and the restoration of normal economic conditions in the marketing of such commodities or products and the financing thereof. * * *

(4) To require any licensee under this section to furnish such reports as to quantities of agricultural commodities or products thereof bought and sold and the prices thereof, and as to trade practices and charges, and to keep such systems of accounts, as may be necessary for the purpose of part 2 of this title;

and

Whereas, by virtue of the authority vested in the Secretary of Agriculture of the United States of America (hereinafter called the "Secretary") by the Act, the Secretary, with the approval of the President, has issued regulations relating to the issuance of licenses under the Act entitled "General Regulations Series 4, Revision 1"; and

Whereas the Secretary has determined to issue licenses as hereinafter provided, pursuant to section 8 (3) of said Act and to said Regulations; and

Whereas the Secretary, acting under the provisions of said Act, for the purposes and within the limitations therein contained, after due notice and opportunity for hearing to interested parties given pursuant to the provisions of said Act and the Regulations issued thereunder, and after due consideration, has on the 12th day of July, 1934, executed under his hand and the official seal of the Department of Agriculture a certain agreement entitled "Marketing Agreement for Eastern Potatoes Grown in Florida, Georgia, South Carolina, North Carolina, Virginia, and Maryland", making such agreement effective

as to the Norfolk, Virginia-Elizabeth City, North Carolina district—comprised of the North Carolina counties of Currituck, Camden, Pasquotank, Perquimans, Chowan, and Gates, and those commercial early-producing sections in Virginia, south and west of the Chesapeake Bay and Potomac River; the Eastern Shore of Virginia district—comprised of the Northampton and Accomac Counties of Virginia; and the Eastern Shore of Maryland district—comprised of the nine counties in Maryland east of Chesapeake Bay; and

Whereas the Secretary finds that the shipping of potatoes grown in the Norfolk, Virginia-Elizabeth City, North Carolina district—comprised of the North Carolina counties of Currituck, Camden, Pasquotank, Perquimans, Chowan, and Gates, and those commercial early-producing sections in Virginia, south and west of the Chesapeake Bay and Potomac River; the Eastern Shore of Virginia district—comprised of the Northampton and Accomac Counties of Virginia; and the Eastern Shore of Maryland district—comprised of the nine counties in Maryland east of Chesapeake Bay is in the current of interstate commerce because said shipping of potatoes is partly interstate and partly intrastate commerce and so inextricably intermingled that the interstate-commerce portion cannot be effectively regulated or licensed without licensing that portion which is intrastate commerce;

Now, therefore, the Secretary, acting under the authority vested in him as aforesaid,

Hereby licenses each and every person, firm, corporation, or association in the Norfolk, Virginia-Elizabeth City, North Carolina district—comprised of the North Carolina counties of Currituck, Camden, Pasquotank, Perquimans, Chowan, and Gates, and those commercial early-producing sections in Virginia, south and west of the Chesapeake Bay and Potomac River; the Eastern Shore of Virginia district—comprised of the Northampton and Accomac Counties of Virginia; and the Eastern Shore of Maryland district—comprised of the nine counties in Maryland east of Chesapeake Bay, engaged in shipping potatoes grown within the said districts to engage in the shipping of such potatoes subject to the following terms and conditions:

ARTICLE II—DEFINITIONS

SECTION 1. As used in this License, the following terms have the following meanings:

1. "Secretary" means the Secretary of Agriculture of the United States.
2. "Act" means the Agricultural Adjustment Act, approved May 12, 1933, as amended.
3. "Person" means individual, partnership, corporation, association or any other business unit.
4. "Potatoes" means and includes all varieties of potatoes (*Solanum tuberosum*) grown in the districts herein defined.
5. "Licensee" means any person engaged in shipping potatoes grown in the districts herein defined from any point or points in said districts.
6. "Producer" means any producer of potatoes grown in any of said districts as herein defined.

7. "Ship" means to convey or cause to be conveyed by rail, truck, boat, or by any means whatsoever, whether as owner, agent, or otherwise.

8. "Marketing Agreement" means the "Marketing Agreement for Eastern Potatoes grown in Florida, Georgia, South Carolina, North Carolina, Virginia, and Maryland", effective as to the Norfolk, Virginia-Elizabeth City, North Carolina district—comprised of the North Carolina counties of Currituck, Camden, Pasquotank, Perquimans, Chowan, and Gates, and those commercial early-producing sections in Virginia, south and west of the Chesapeake Bay and Potomac River; the Eastern Shore of Virginia district—comprised of the Northampton and Accomac Counties of Virginia; and the Eastern Shore of Maryland district—comprised of the nine counties in Maryland east of Chesapeake Bay, executed by the Secretary on the 12th day of July, 1934 and effective on the 13th day of July, 1934, as amended, on the 13th day of July, 1934.

9. "Control Committee" means the Control Committee established pursuant to article III of the Marketing Agreement, a copy of which article is hereto attached marked "Exhibit A" and made a part of this License.

10. "Manager" means the manager appointed by the Control Committee pursuant to article III of the Marketing Agreement.

11. "Executive Committee" means the Executive Committee elected pursuant to article IV of the Marketing Agreement, a copy of which article is hereto attached marked "Exhibit B" and made a part of this License.

12. "District Proration Committee" means the District Proration Committee elected pursuant to article V of the Marketing Agreement as amended, a copy of which article is hereto attached marked "Exhibit C" and made a part of this License.

13. "Books and records" means any books, records, accounts, contracts, documents, memoranda, papers, correspondence, or other written data pertaining to the business of the person in question.

14. "Subsidiary" means any person of or over whom or which, a shipper or an affiliate of a shipper has, or several shippers collectively have, either directly or indirectly, actual or legal control, whether by stock ownership or in any other manner.

15. "Affiliate" means any person and/or any subsidiary thereof, who or which has, either directly or indirectly, actual or legal control of or over a shipper, whether by stock ownership or in any other manner.

16. "District" means and includes any of the geographical producing areas defined as follows:

(a) Norfolk, Virginia-Elizabeth City, North Carolina, district—comprised of the North Carolina counties of Currituck, Camden, Pasquotank, Perquimans, Chowan, and Gates, and those commercial early producing sections in Virginia, south and west of the Chesapeake Bay and Potomac River;

(b) Eastern Shore of Virginia district—comprised of the Northampton and Accomac Counties of Virginia;

(c) Eastern Shore of Maryland district—comprised of the nine counties in Maryland east of Chesapeake Bay.

ARTICLE III—CONTROL COMMITTEE

SECTION 1. The members of the Control Committee, their alternates, and successors, certified from time to time to the Secretary pursuant to section 7 of article III of the Marketing Agreement, shall be deemed for all purposes under this License to be the duly selected members of said Committee, subject, however, to the right of any Licensee to protest such selection in accordance with the applicable administrative orders issued by the Secretary.

SEC. 2. The Control Committee, concurrent with and in addition to its powers and duties under the Marketing Agreement, shall have the powers and duties set forth in this License. All acts of said Committee as to Licensees who are parties to the Marketing Agreement shall be deemed to have been performed pursuant to the provisions of both the Marketing Agreement and of this License (so far as each is applicable) and as to other Licensees to have been performed pursuant only to the provisions of this License. In the event the Marketing Agreement is terminated prior to the termination of this License the Control Committee shall continue to have the powers and duties set forth in this License and the members of said Committee, their alternates and successors, shall continue to be selected by the person, persons, or group and in the manner provided in article III of the Marketing Agreement.

SEC. 3. Upon the selection of three-fourths ($\frac{3}{4}$) of its members as provided in article III of the Marketing Agreement the Control Committee may organize and function under this License: *Provided, however, That*

(a) This provision shall not affect or supersede any other provision of this License requiring a minimum vote with respect to specified action to be taken by the Control Committee; and

(b) The Control Committee shall not perform any of its duties or powers herein granted while there are vacancies equal to, or in excess of, one-fourth ($\frac{1}{4}$) of the total membership thereof.

SEC. 4. Each and every order, regulation, decision, determination, or other act, of the Control Committee, or of any other Committee, pursuant to this License shall be subject to the continuing right of the Secretary to disapprove of the same at any time and upon such disapproval shall be deemed null and void except as to acts done in reliance thereon or in compliance therewith.

SEC. 5. Members of the Control Committee shall serve under the License without compensation, but shall be entitled to expenses necessarily incurred in the performance of their duties hereunder.

SEC. 6. The powers and duties of the Control Committee under this License shall include the following:

(a) To elect a chairman and, from time to time, such other officers as may be deemed advisable and to adopt rules and regulations for the performance of its duties under this License.

(b) To supervise the performance of and or compliance with the terms and conditions of this License and to act as intermediary between the Secretary and the Licensees.

(c) To appoint a manager and such other employees as it deems necessary and to determine the salaries and define the duties of such employees.

(d) To appoint and define the duties of additional committees or subcommittees to assist it in the performance of any of its duties and functions hereunder.

(e) To investigate suspected violations of this License and to hear and dispose of all questions, disputes and complaints arising in connection with the performance of and/or compliance with the terms and conditions of this License. If a member of the Control Committee shall be an interested party to any complaint or dispute or a representative of such an interested party, he shall, for the purpose of the consideration of such dispute or complaint be disqualified as a member of the Control Committee. Such disqualification, however, shall not be deemed to create a vacancy in the Control Committee within the prohibition of subdivision (b) of section 6 of article III of the Marketing Agreement. An appeal in writing may be taken to the Secretary from any decision of the Control Committee by any person aggrieved thereby within ten days after the decision is announced. Pending the decision of any such appeal by the Secretary the parties involved shall abide by the decision of the Control Committee unless the Secretary shall rule otherwise. In the event of an appeal it shall be the duty of the Control Committee to forward to the Secretary its complete record with regard to the subject matter of such appeal.

Sec. 7. No Licensee shall be entitled to participate in the selection of the members of the Control Committee in accordance with the terms of article III of the Marketing Agreement if he has failed to pay his contribution pursuant to article IX of this License.

ARTICLE IV—EXECUTIVE COMMITTEE

SECTION 1. The members of the Executive Committee, their alternates and successors, established pursuant to Exhibit B, hereto attached, shall be deemed for all purposes under this License to be the duly selected members of said Committee. The powers and duties of the Executive Committee shall be defined by the Control Committee: *Provided, however,* That seasonal prorations as defined in article VI shall be determined only by the Control Committee.

ARTICLE V—DISTRICT PRORATION COMMITTEE

SECTION 1. The members of each District Proration Committee, their alternates and successors, established pursuant to article V of the Marketing Agreement, which article is attached hereto, shall be deemed for all purposes of this License to be the duly selected members of said Committee, subject, however, to the right of any Licensee to protest such selection in accordance with the applicable administrative orders issued by the Secretary.

Sec. 2. The District Proration Committees, concurrent with and in addition to their powers and duties under the Marketing Agreement, shall have the powers and duties set forth in this License. All acts of said Committees as to Licensees who are parties to the Marketing Agreement shall be deemed to have been performed pursuant to the provisions of both the Marketing Agreement and of this License (so far as each is applicable) and as to other Licensees to have

been performed pursuant only to the provisions of this License. In the event the Marketing Agreement is terminated prior to the termination of this License, the District Proration Committees shall continue to have the powers and duties set forth in this License and the members of said Committees, their alternates and successors, shall continue to be selected by the person, persons, or group and in the manner provided in Exhibit C of this License.

Sec. 3. Upon the selection of six (6) of its members as provided in article V of the Marketing Agreement each District Proration Committee may organize and function under this License: *Provided, however, That*

(a) This provision shall not affect or supersede any other provision of this License requiring a minimum vote with respect to specified action to be taken by said District Proration Committees, and

(b) No District Proration Committee shall perform any of its duties or powers herein granted while there are more than two (2) vacancies in its membership.

ARTICLE VI—SEASON PRORATION

SECTION 1. (1) Between the first and fifteenth days of October of each year the Control Committee, subject to the disapproval of the Secretary, shall determine the total quantity of potatoes which it deems advisable to ship from all districts under this License during the succeeding year. Such advisable quantity shall be based on the following factors relative to their effect upon the prices received by producers for early potatoes: (a) Early potato production in past years; (b) quantity of late potatoes available for shipment after October first; (c) purchasing power of consumers; (d) general price level; (e) any other pertinent factors.

(2) The quantity so determined shall be allocated among the districts under this License on the basis of the calculated production for each such district obtained by multiplying the average acreage based on the preceding five (5) years by the average yield during the preceding ten (10) years for such district. Each such district shall receive a proportionate share of the total advisable quantity to be shipped during the succeeding year which share shall be the proportion which the calculated production for said district bears to the total calculated production for all districts under this License.

In all instances where the same is applicable the official forecasts and estimates of acreage and yield as determined by the Crop Reporting Board of the United States Department of Agriculture shall be used in the computation of such season proration.

(3) The Control Committee may, from time to time, with the approval of the Secretary, revise the total quantity of potatoes deemed advisable to ship from all districts during any year and/or change the allotment made to any district at any time in any year if the same may become necessary to effectuate the declared policy of the Act and the purposes of this License.

(4) No shipments shall be made from any district under this License in excess of the total amount allotted to such district as determined herein by the Control Committee.

ARTICLE VII—PERIOD PRORATION

SECTION 1. In order to stabilize prices by adjusting the supply of potatoes to the market demand, the District Proration Committee may from time to time institute proration of shipments during any period as hereinafter provided.

(1) For the purpose of this article "District Proration Committee" means the members thereof who are qualified to vote as herein provided; "Proration period" means any period of time for which the District Proration Committees determine to institute a proration of shipments; "available and intended for shipment" means the quantity (subject to the limitations of the total seasonal shipments as determined in article VI) ready or to be ready for shipment and which is intended to be shipped in any proration period.

(a) In determining proration of shipments those District Proration Committees which represent districts under this License wherein potatoes are available and intended for shipment during a proration period shall constitute the District Proration Committees qualified to vote on proration of shipments during any such period. On all questions relative to proration as defined in this article the vote of each District Proration Committee shall be such proportion of the total vote as the available and intended shipments of such district for the proration period is of the total available and intended shipments of all such districts for the proration period.

SEC. 2. The District Proration Committees shall determine the total quantity of potatoes which they deem advisable to be shipped in any proration period.

(1) Each Licensee who intends to ship any quantity of potatoes during such proration period shall report to the District Proration Committee covering his district at such time and in such manner as said committee may prescribe the quantity of potatoes available and intended for shipment in such proration period which he has authority from the owner or producer to handle or to which he has legal title, together with the name of each such owner and producer and the quantity of potatoes he is authorized to handle for such owner or producer and intends to ship during such proration period.

(2) Any producer of potatoes intending to ship potatoes during such proration period which no Licensee has authority to ship may report to the District Proration Committee covering his district the quantity which he has available and intends for shipment in such proration period, at the same time and in the same manner as is prescribed for reports by Licensees in subdivision (1) of this section.

(3) From the reports made pursuant to subdivisions (1) and (2) of this section, the District Proration Committees shall determine the total quantity of potatoes of each and all districts making such reports of potatoes which are available and intended for shipment during such proration period.

(4) If the total quantity of potatoes of all districts available and intended for shipment as determined pursuant to subdivision (3) of this section exceeds the quantity deemed advisable for shipment as determined pursuant to section 2 the District Proration Committees shall institute a proration of shipments for such proration

period by giving at least thirty-six (36) hours' public notice thereof, and shall allocate to each district covered by the District Proration Committees and reporting potatoes available and intended for shipment, a proportionate share of the total quantity of potatoes deemed advisable for shipment. Such proportionate share shall be determined by applying to the quantity available and intended for shipment by each such district as determined pursuant to subdivision (3) of this section, the percentage which the total quantity deemed advisable for shipment as determined by section (2) is of the total quantity available and intended for shipment by all such districts as determined pursuant to subdivision (3) of this section.

Sec. 3. Upon the determination by the District Proration Committees that proration shall be made effective for any period of time, the District Proration Committees shall notify the District Proration Committee of each district of the allotment for its district during the designated proration period. Thereupon the said District Proration Committee shall determine the share of the allotment which may be handled by each Licensee or producer within that district. Such share shall be such proportion to the total allotment as the quantity of potatoes which each Licensee or producer reported to the District Proration Committee that he intends to ship during such period is to the total of all such intended shipments for said district.

Sec. 4. Subject to such regulations as the District Proration Committee may prescribe, the Licensees or producers may assign allotments made to them pursuant to section 3 of this article; but notice of any such assignment shall be immediately given to the District Proration Committee.

Sec. 5. During any proration period each Licensee shall abide by the allocation made to him and during such period each Licensee shall, so far as practicable, divide his allocation among the producers for whom he handles such potatoes by applying the same percentage which had been applied in determining his allotment to the quantity of potatoes available for shipment by each of such producers.

Sec. 6. Any Licensee shipping in excess of his allocation in any proration period shall be deemed to be in violation of this License unless the District Proration Committee permits him to deduct double such excess from his allocation for the next succeeding proration period. Any Licensee shipping less than his allocation in any proration period may, with the consent of the District Proration Committee, add the amount of such undershipment to his allocation for the next succeeding proration period, but only if such next succeeding proration period is consecutive without any intervening period of no proration.

Sec. 7. Nothing in this article contained shall be construed to authorize any limitation on the right to ship potatoes, in any amount for charitable purposes or unemployment relief: *Provided*, That the Control Committee may from time to time prescribe proper safeguards to prevent potatoes shipped for such purposes from being reintroduced into the commercial channels of trade.

Sec. 8. The District Proration Committee may check the accuracy of the report of any Licensee or any producer and may revise on

the basis of such check the quantity reported as available and intended for shipment by such Licensee or producer. All reports by Licensees or by producers to the Control Committee shall be substantiated or verified in such manner as the Control Committee may determine, and all reports to the District Proration Committee shall be substantiated or verified in such manner as it may determine.

ARTICLE VIII—REPORTS

SECTION 1. To the Secretary.—(1) The Licensees shall severally, from time to time, upon the request of the Secretary, furnish him information, on and in accordance with forms of reports to be supplied by him for the purpose of (a) assisting the Secretary in the furtherance of his powers and duties with respect to this License, and/or (b) enabling the Secretary to ascertain and determine the extent to which the declared policy of the Act and the purposes of this License are being effectuated, such reports to be verified under oath.

(2) For the same purposes, and/or to enable the Secretary to verify the information furnished him on said forms of report, all the books and records of the Licensees, and the books and records of their affiliates and subsidiaries, shall, during the usual hours of business, be subject to the examination of the Secretary.

(3) The Licensees and their respective affiliates and subsidiaries shall severally keep books and records which will clearly reflect all financial transactions of their respective businesses and the financial conditions thereof.

(4) Each Licensee shall, from time to time, upon the request of the Secretary, report to the Secretary charges made or paid for commissions, brokerage, storage, packing, or for any other service or activities.

(5) All information furnished the Secretary pursuant to this article shall remain confidential in accordance with the applicable General Regulations, Agricultural Adjustment Administration.

SEC. 2. To the committees.—To enable the committees to perform their duties hereunder and to make this License effective each Licensee shall promptly furnish when, and in such form and substantiated in such manner as the respective committees may from time to time prescribe, all information requested as to quantities of potatoes available for shipment in any period, which he owns or has authority to handle, with the name of any person for whom he has authority to ship and the amount of such intended shipments, and all information requested as to shipments, destination of shipments, and diversion of shipments.

SEC. 3. To the manager.—Each Licensee shall report to the manager, daily, at the close of business such information concerning his business transactions in potatoes as the manager may prescribe. Such information shall remain confidential with the manager and the Secretary, except that the manager shall compile the same in such form as not to disclose the separate sources thereof, and may mail a copy thereof to each Licensee daily. The manager shall submit the daily reports of Licensees to the Secretary on his request.

ARTICLE IX—EXPENSES AND INVESTIGATION

SECTION 1. To carry out the provisions of this License, the Control Committee is authorized and directed:

(a) To incur such reasonable obligations as may be necessary and proper, and to meet such obligations out of funds raised as herein provided;

(b) To submit to the Secretary for his approval, subject to such notice and opportunity for hearing as the Secretary shall prescribe, (1) an itemized budget of its estimated expenses for the foregoing purposes, and (2) an equitable basis upon which the funds necessary to support such budget shall be contributed by the Licensees.

SEC. 2. Upon the approval by the Secretary of such budget, each Licensee shall contribute to the Control Committee his share of the funds to be raised by it, in accordance with the basis of contribution submitted to and approved by the Secretary pursuant to subdivision (b) of section 1 of this article.

SEC. 3. The Control Committee is authorized and empowered, subject to the prior approval of the Secretary, to institute legal proceedings in the name of its individual members as a committee and to take such other steps as may be necessary to collect or enforce the payment of funds from persons liable therefor, pursuant to the foregoing sections. Unless otherwise provided in the notice of termination executed by the Secretary, the foregoing power shall continue after the termination of this License, with respect to any funds which need to be raised and which are unpaid at the time of such termination. Nothing herein contained shall be construed to be in derogation or modification of the rights of the Secretary at any time to institute legal proceedings or to take such other steps as may be necessary to collect or enforce the payment of any such funds.

SEC. 4. Any funds which the Control Committee shall have on hand, or be entitled to receive under this License, upon the termination hereof over and above any amount necessary to meet outstanding obligations, shall at such time be returned to the Licensees pro rata in proportion to their contributions made pursuant to this License.

SEC. 5. The necessary expenses of all committees other than the Control Committee created under this License, shall be subject to approval by the Control Committee, and shall be paid by the Control Committee out of funds in its hands available for such purpose if included in the budget approved by the Secretary pursuant to section 1 hereof.

SEC. 6. The Control Committee may, in its discretion, for the purposes of (1) collecting money for administration expenses, and/or (2) keeping account of shipments and sales by Licensees, require Licensees to purchase from the Control Committee for each stated period of time, permits to be affixed to each package or carload of potatoes before the same shall be eligible for shipments in interstate or foreign commerce: *Provided, however*, That any payments required for such permits shall in no event exceed the contributions which may be assessed against the Licensees pursuant to this article.

ARTICLE X—MAXIMUM CHARGES

SECTION 1. No Licensee, excepting producers' associations which operate on a strictly nonprofit, cooperative basis, shall charge a producer for any service, rendered in connection with potatoes shipped from the districts under this License, in excess of the average sum charged by such Licensee for the same service during the previous three shipping seasons: *Provided*, That if any such Licensee has engaged in business less than three shipping seasons, such Licensee shall not charge for any service in excess of his average charge during the period of his operations, unless the Control Committee shall permit him to charge a sum not exceeding the average charge during the last three shipping seasons by shippers in the same locality.

SEC. 2. (1) Any such Licensee may appeal to the Control Committee for permission to increase his charges. The Control Committee may, subject to the right of any producer or Licensee to appeal to the Secretary as provided in article III, authorize such Licensee so to do upon proof of any one or more of the following facts:

(a) That his labor costs have increased over the average costs during the period upon which the Licensee's charges are based;

(b) That his costs of materials have increased over the average costs during the period above specified;

(c) That additional new service is being rendered to producers by the Licensee, involving greater expense to the Licensee and commensurate benefit to the producers.

(2) The Control Committee shall authorize an increase, however, only to the extent necessary to equalize such additional costs.

ARTICLE XI—MISCELLANEOUS

SECTION 1. Meetings of all committees created hereby or hereunder shall be open to any Licensee or any producer or the representative of any Licensee or producer who may attend any such meeting as an observer unless the meeting is considering a dispute or controversy to which such Licensee is a party.

SEC. 2. The members of any committee and any employees thereof shall not be held responsible individually in any way whatsoever to any Licensee or any other person for errors in judgment, mistakes, or other acts of either commission or omission as such member or employee except for actual dishonesty. The liability of the Licensees and producers hereunder is several and not joint, and no Licensee or producer shall be liable for default of any other Licensee or producer.

SEC. 3. Nothing herein contained is or shall be construed to be in derogation or modification of the right of the Secretary or of the United States (1) to exercise any powers granted by the Act or otherwise and/or (2) in accordance with such powers to act in the premises whenever such action is deemed advisable.

SEC. 4. Any exemption from the antitrust laws, and/or validation of any acts or things which would otherwise have been unlawful, which may result from the execution of this License by the

Secretary, shall not extend or be construed to extend further than is absolutely necessary for the purpose of carrying out the provisions of this License.

SEC. 5. If any provision of this License is declared invalid, or the applicability thereof to any person, circumstance, or thing is held invalid, the validity of the remainder of this License and/or the applicability thereof to any other person, circumstance, or thing shall not be affected thereby.

SEC. 6. The Secretary may, by a designation in writing, name any person, including any officer or employee of the Government or any Bureau or division of the United States Department of Agriculture, to act as his agent or agency in connection with any of the provisions of this License.

SEC. 7. This License shall take effect as to every Licensee upon the date set forth herein above the signature of the Secretary.

In witness whereof, I, M. L. WILSON, Acting Secretary of Agriculture, do hereby execute, in duplicate, and issue this License in the City of Washington, District of Columbia, on this 13th day of July, 1934, and pursuant to the provisions hereof declare this License to be effective on and after 12:01 a.m., eastern standard time, on the 14th day of July, 1934.

M. L. Wilson

Acting Secretary of Agriculture.

In the matter of: License for Shippers of Potatoes Grown in Norfolk, Virginia-Elizabeth City, North Carolina District—comprised of the North Carolina Counties of Currituck, Camden, Pasquotank, Perquimans, Chowan, and Gates, and those Commercial Early-Producing Sections in Virginia, South and West of the Chesapeake Bay and Potomac River; Eastern Shore of Virginia District—comprised of the Northampton and Accomac Counties of Virginia; Eastern Shore of Maryland District—comprised of the Nine Counties in Maryland East of Chesapeake Bay, issued July 13, 1934, effective on and after 12:01 a.m., eastern standard time, July 14, 1934.

The Secretary hereby determines that an emergency has existed and exists in the industry covered by the aforesaid License which required a shorter period of notice than three days, and that the period of notice in respect to the issue of the License, provided for in said License, was and is reasonable under the circumstances.

In witness whereof, R. G. Tugwell, Acting Secretary of Agriculture has executed this determination in duplicate, and has hereunto set his hand and caused the official seal of the Department of Agriculture to be affixed in the City of Washington District of Columbia, this 1st day of August, 1934.



R. G. Tugwell

Acting Secretary of Agriculture.

EXHIBIT "A"

ARTICLE III—CONTROL COMMITTEE

SECTION 1. A Control Committee, consisting of signatory producers and signatory shippers, shall be established which shall be selected in accordance with the provisions of this article and shall serve until September 15th of each year and until their respective successors are selected. The initial members shall be selected within ten (10) days after the effective date of this Agreement and their respective successors (other than those selected to fill vacancies) shall be selected annually thereafter at least fifteen (15) days prior to the termination of the term of office of their respective predecessors. No delay in the selection of any member or successor shall be deemed to invalidate any such selection.

Sec. 2. (1) Each district from which there has been shipped less than 2,000 carloads of potatoes during the preceding year shall be entitled to one member, who, and his successor, shall be selected by the shippers of such district: *Provided, however,* That if in any such district any shipper or shippers have, individually, shipped more than 25 percent of all potatoes shipped from such district, then in that event such district shall be entitled to two members, one of whom shall be selected by the remaining shippers in such district and the other member shall be selected by such shippers who have individually shipped more than 25 percent of all potatoes shipped from such district.

(2) Each district from which there has been shipped not less than 2,000 carloads and not more than 5,000 carloads of potatoes during the preceding year shall be entitled to two members, who, and their respective successors, shall be selected by shippers of such district: *Provided, however,* That (1) if in any such district one shipper has shipped more than 25 percent of all potatoes shipped from such district, then in that event, one of said members shall be selected by the remaining shippers in such district and the other member shall be selected by such shipper who has individually shipped more than 25 percent of all potatoes shipped from such district and (2) if in any such district more than one shipper has individually shipped more than 25 percent of all potatoes shipped from such district, then, in that event, such district shall be entitled to three members, one of whom shall be selected by the remaining shippers in such district and the other two members shall be selected by such shippers who have individually shipped more than 25 percent of all potatoes shipped from such district.

(3) Each District from which there has been shipped more than 5,000 carloads of potatoes during the preceding year shall be entitled to three (3) members who, and their respective successors, shall be selected by the shippers of such District: *Provided, however,* That (1) if in any such District any shipper has shipped more than 25% of all potatoes shipped from such District, then, in that event, two (2) of said members shall be selected by the remaining shippers in such District and the other members shall be selected by such shipper who has individually shipped more than 25% of all potatoes shipped from such District, and (2) if in any such District more than one shipper has individually shipped more than 25% of all potatoes shipped from such District, then, in that event, one of said members shall be selected by the remaining shippers in such District and the other two members shall be selected by such shippers who have individually shipped more than 25% of all potatoes shipped from such District.

(4) A member and his successor shall be selected by the producers of each District for every shipper representative selected and named for such District as hereinabove provided in this article. Such member so selected shall be a producer of potatoes who is not engaged in the business of shipping, consigning, or otherwise handling potatoes other than potatoes of his own production.

(5) All members and each of their respective successors to be selected as hereinabove provided, shall be selected by general elections in which all shippers

and producers, as herein provided, shall be entitled to participate. At any and all elections each shipper and/or producer shall be entitled to cast but one vote on behalf of himself, agents, partners, affiliates, subsidiaries, and representatives.

(6) No shipper, including his subsidiaries and affiliates, shall be represented by more than one member on the Control Committee.

(7) The number of carloads of potatoes shipped from any district shall be determined in terms of carloads or their equivalent, as recorded by the United States Department of Agriculture for the preceding year.

Sec. 3. Every group or person selecting or naming a member of the Control Committee may, in the same manner, (a) in his absence and/or (b) in the event of his removal, resignation, or disqualification until a successor for his unexpired term has been selected or named.

Sec. 4. To fill any vacancy occasioned by the removal, resignation, or disqualification of any member of the Control Committee, a successor for his unexpired term shall be selected or named within fifteen (15) days after such vacancy occurs, by the person, persons, or group by whom, and in the same manner as such member was selected or named.

Sec. 5. If any member or successor is not selected within the applicable period specified in this article, the Secretary may select a person with full power to act as a member, to serve until such member or successor is selected.

Sec. 6. Upon the selection of three-fourths of its members, the Control Committee may organize and commence to function: *Provided, however,* That (a) This provision shall not affect or supersede any other provision in this Agreement requiring a minimum vote with respect to specified action to be taken by the Control Committee; and (b) the Control Committee shall not perform any of its duties or powers herein granted while there are vacancies equal to or in excess of one-fourth of the total membership thereof.

Sec. 7. Upon the selection of any member or members of the Control Committee, the Secretary of said Control Committee shall certify to the Secretary, the name and address of each such member, and of his alternate, if any, and the date or dates of their selection. Before performing any duties as a member of the Control Committee each member thereof shall file with the Secretary a written acceptance of office, oath, and agreement to perform his duties as such member. The members and alternates, if any, so certified to the Secretary shall be deemed for all purposes to be the duly selected members and alternates of the Control Committee, subject, however, to the right of any interested party to protest such selection, in accordance with the applicable Administrative orders issued by the Secretary.

Sec. 8. The members of the Control Committee or of any other committee created hereunder (including successors, alternates, or persons selected by the Secretary), and any agent or employees appointed or employed by the Control Committee or by any other committee, shall be subject to removal by the Secretary at any time with or without cause. Each and every order, regulation, decision, determination or other act of the Control Committee, or of any other committee, shall be subject to the continuing right of the Secretary to disapprove of the same at any time, and upon such disapproval, shall be deemed null and void except as to acts done in reliance thereon or in compliance therewith.

Sec. 9. Members of the Control Committee shall serve without compensation, but shall be entitled to expenses necessarily incurred in the performance of their duties hereunder.

Sec. 10. The powers and duties of the Control Committee shall include the following:

(1) To elect a chairman and, from time to time, such other officers as it may deem advisable, and to adopt rules and regulations for the performance of its duties under this Agreement.

(2) To supervise the performance of this Agreement and to act as intermediary between the Secretary and the shippers, and the producers.

(3) To appoint a manager and such other employees as it deems necessary and to determine the salaries and define the duties of such employees.

(4) To appoint and define the duties and additional committees or subcommittees to assist it in the performance of any of its duties and functions hereunder.

(5) To investigate suspected violations of this Agreement and to hear and dispose of all questions, disputes, and complaints arising in connection with the performance of this Agreement. If a member of the Control Committee shall be an interested party to any complaint or dispute or a representative of such an interested party, he shall, for the purpose of the consideration of such dispute or complaint, be disqualified as a member of the Control Committee. Such disqualifications, however, shall not be deemed to create a vacancy in the Control Committee within the prohibition of subdivision (b) of section 8 of this article. An appeal in writing may be taken to the Secretary from any decision of the Control Committee, by any person aggrieved thereby within ten (10) days after the decision is announced. Pending decision of any such appeal by the Secretary, the parties involved shall abide by the decision of the Control Committee unless the Secretary shall rule otherwise. In the event of an appeal, it shall be the duty of the Control Committee to forward to the Secretary its complete record with regard to such matter of such appeal.

(6) To negotiate and confer with representatives of shippers and/or producers of potatoes produced in other States and areas, with respect to the formulation of a marketing agreement providing for the proration of shipments among the several areas in the United States where potatoes are grown.

Sec. 11. No shipper shall be entitled to participate in the selection of members of the Control Committee in accordance with the terms of this article, if he has failed to pay his contribution pursuant to article IX of this Agreement or pursuant to any license supplementary hereto issued pursuant to section 8 (3) of the Act.

EXHIBIT "B"

ARTICLE IV—EXECUTIVE COMMITTEE

SECTION 1. An Executive Committee shall be established consisting of seven (7) members who shall be selected in accordance with the provisions of this article and are to serve until September 15th of each year, and until their respective successors are selected. The initial members shall be selected within ten (10) days after the organization of the Control Committee and their respective successors (other than those selected to fill vacancies) shall be selected annually thereafter as herein provided. No delays in selection of any member or successor shall be deemed to invalidate any such selection.

SEC. 2. One member and his successor shall be selected for each district from the district membership of the Control Committee by a majority vote of said district members.

SEC. 3. Every group or persons selecting a member of the Executive Committee may, in the same manner, at any time, select an alternate to act in the place of such member, (a) in his absence and/or (b) in the event of his removal, resignation, or disqualification until a successor for his unexpired term has been selected.

SEC. 4. To fill any vacancy occasioned by the removal, resignation, or disqualification of any member of the Executive Committee, a successor for his unexpired term shall be selected within fifteen (15) days after such vacancy occurs, by the person, persons, or group by whom, and in the same manner as, such member was selected.

SEC. 5. The powers and duties of the Executive Committee shall be defined by the Control Committee; *Provided, however,* That session prorogation as defined in article VI shall be determined only by the Control Committee.

EXHIBIT "C"

ARTICLE V—DISTRICT PRORATION COMMITTEE

SECTION 1. A Proration Committee shall be established in each district except as hereinafter provided, consisting of seven (7) members who shall be selected in accordance with the provisions of this article, and shall serve until the fifteenth day of September of each year and until their respective successors are selected: *Provided, however*, That in the Eastern Shore of Virginia District, the Proration Committee shall consist of nine (9) members to be selected as provided in this article. The initial members shall be selected within ten (10) days after the effective date of this Agreement, and their respective successors (other than those selected to fill vacancies) shall be selected annually at least fifteen (15) days prior to the termination of the term of their respective predecessors. No delay in the selection of any member or successor shall be deemed to invalidate any such selection.

Sec. 2. (1) Three (3) members and each of their respective successors except as hereinafter provided shall be selected by a general election in which all shippers of the District shall be entitled to participate. At any such election each shipper shall be entitled to cast but one vote in behalf of himself, agencies, partners, affiliates, subsidiaries and representatives.

(2) Three (3) members and each of their respective successors except as hereinafter provided shall be selected by a general election in which all producers of a district shall be entitled to participate. At any such election each producer shall be entitled to cast but one vote in behalf of himself, agencies, partners, affiliates, subsidiaries, and representatives.

(3) One (1) member and his successor in each district shall be selected by a majority vote of the members selected pursuant to the preceding paragraphs of this section.

(4) Four (4) members and each of their respective successors shall be selected by a general election in which all shippers in the Eastern Shore of Virginia District shall be entitled to participate: *Provided, however*, That if any shipper or shippers in said District shall have shipped twenty-five (25) percent or more of the total shipments of potatoes shipped from said District during the preceding year, then, in that event, such such shipper shall be entitled to select one of the members of said Proration Committee, but said shipper shall not participate in the selection of the remaining members of such Committee. At any such election each shipper shall be entitled to cast but one vote on behalf of himself, agencies, partners, affiliates, subsidiaries, and representatives.

(5) Four (4) members and each of their respective successors shall be selected by a general election in which all producers in the Eastern Shore of Virginia District shall be entitled to participate. At any such election each producer shall be entitled to cast but one vote in behalf of himself, agencies, partners, affiliates, subsidiaries, and representatives.

(6) One (1) member and his respective successor in the Eastern Shore of Virginia District shall be selected by a majority vote of the members selected pursuant to paragraphs 7 and 8 of this section.

Sec. 3. Each person, persons, or group, in each district selecting a member of the District Proration Committee may, in the same manner, at any time, select an alternate, to act in the place and stead of such member (a) in his absence, and/or (b) in the event of his removal, resignation, or disqualification until a successor for his unexpired term has been selected.

Sec. 4. To fill any vacancy occasioned by the removal, resignation, or disqualification of any member of the District Proration Committee, a successor for his unexpired term shall be selected within fifteen (15) days after such vacancy occurs, by the person, persons, or group by whom and in the same manner as such member was selected.

Sec. 5. If any member or successor is not selected within the applicable period specified in this article, the Secretary may select a person, with full power to act as a member, to serve until such member or successor is selected.

Sec. 6. Upon the selection of six (6) of its members, the Committee may organize and commence to function: *Provided, however, That:* (a) this provision shall not affect or supersede any other provision in this Agreement requiring a minimum vote with respect to specified action to be taken by the Committee; and (b) the Committee shall not perform any of its duties or powers herein granted while there are more than two (2) vacancies in its membership.

Sec. 7. This Committee shall have the powers and perform the functions as provided in this Agreement.

○

Irish Potatoes, Continued

Potato Outlook Meetings:

A series of Potato Outlook Meetings, sponsored by the Agricultural Advisory Board, was held in the County from December 4 to December 9, inclusive.

These meetings were addressed by A. E. Mörker, Secretary of the Interstate Early Potato Committee, who discussed the potato situation and outlook.

M. M. Parker, Horticulturist of the Virginia Truck Experiment Station, made a series of garden talks at these meetings.

Miss Nora Miller, Home Demonstration Agent, presented "The Home Outlook in Accomack County for 1934".

The following is the meeting schedule and record

of attendance:

			<u>Attendance</u>
New Church	Dec. 4, 7.30 p. m.	School Auditorium	89
Horsey	Dec. 5, 2.00 p. m.	D. F. Fletcher's Hall	20
Temperanceville	Dec. 5, 7.30 p. m.	School Auditorium	20
Blacks	Dec. 6, 2.00 p. m.	A. W. Short's Store	45
Accomac	Dec. 6, 7.30 p. m.	School Auditorium	25
Farkaley	Dec. 7, 7.30 p. m.	Town Hall	63
Hallwood	Dec. 8, 2.00 p. m.	Oddfellows' Hall	25
Painter	Dec. 8, 7.30 p. m.	Central High School	100
Creddockville	Dec. 9, 2.00 p. m.	Curtis Bros.' Store	74
Chancock	Dec. 9, 7.30 p. m.	School Auditorium	25
		Total	<u>466</u>

(c) Sweet Potatoes

Inasmuch as sweet potatoes are one of the major crops, much attention was given the growers in an effort to aid them in seed selection, seed treatment, crop rotation, and disease control. The mimeographed sheet on the following page was distributed among sweet potato storage house operators and sellers of bichloride of mercury.

Dr. Harold T. Cook, Plant Pathologist of the Virginia Truck Experiment Station, and Dr. Harter, of the Bureau of Plant Industry, cooperated in making disease surveys and giving recommendations.

The sweet potato sprout treatment experiment was continued under the direction of Dr. Cook, using the materials that showed the greatest promise of having commercial value last year. The test was somewhat disappointing due to the fact that the field used was so badly infested with Blue Stem organisms. The following treatments were used, both wet and dry: Bordeaux, Gamsan Bel, copper lime dust, sulphur dust, copper lime and sulphur dust, and red oxide.

All assistance possible was given the marketing agencies in an effort to properly handle, machine grade, clean and pack sweet potatoes. This effort has made a marked improvement in the reception of Eastern Shore sweet potatoes on the market.

Those farmers contemplating storing sweet potatoes for the late fall and winter market were urged to store only Little Stem Jerseys and some of the Yam types which had been carefully harvested and handled.

FOUR ESSENTIALS IN PRODUCING A GOOD CROP OF SWEET POTATOES

- I. Selection of disease free seed.
- II. Treatment of seed.
- III. Sanitation in bedding.
- IV. Crop Rotation.

These control measures are all simple and within reach of every grower.

I. WHEN SELECTING YOUR SEED:

1. Split stems while picking up seed in the fall and examine for stem rot. If stems are blackened inside discard the whole hill.
2. When bedding throw out all potatoes with nearly round sunken black spots on the surface or rotten ends. Use only healthy potatoes of the desired type.

II. WHEN TREATING THE SEED: (Have druggist weigh Corrosive Sublimate out in $\frac{1}{2}$ and 3 oz. lots.)

1. Dissolve 3 oz. Corrosive Sublimate in a fruit jar with hot water. Dilute to 24 gals. in a wooden barrel.
2. Immerse potatoes for 10 minutes by the clock "NOT BY GUESS". Use hamper or basket.
3. For a large quantity of potatoes, use 3 barrels and the process will not delay the bedding work. After treating 10 to 12 bushels in each barrel add $\frac{1}{2}$ oz. Corrosive Sublimate and enough water to bring up to 24 gals. again in order to keep up the original strength.
4. Bed potatoes at once.

CAUTION: - Corrosive Sublimate is a deadly poison.

III. SANITATION IN BEDDING:

1. Use care in the selection of the manure for sweet potato disease may be transmitted in this way.
2. Obtain the bedding soil or sand from the woods or sand pit. Pure sand is to be preferred.
3. Use fresh sand or soil for bedding each season.
4. Don't place seed nearer than three-fourths to one inch apart so sprouts will have room to develop into sturdy plants.
5. Don't cover seed with over one inch of sand or soil. (To be sure use a one inch board on potatoes as a guide.) When plants begin to break thru wall, apply two more inches of sand or soil.
6. Keep the bed well watered but not puddled.

IV. THE CROPS SHOULD BE ROTATED EACH YEAR. SEVERAL OF THE SWEET POTATO DISEASES LIVE OVER IN THE SOIL AND INCREASES IN SEVERITY FROM YEAR TO YEAR.

For further information write or call W. O. Strong, County Agent, at the Eastern Shore Experiment Station, Calvey, Va.

(d) Corn

The importance of having a field of what is locally called "forward" or early corn was stressed. Due to weather conditions, the corn borer, corn ear worm and fall Army worm were especially abundant and naturally attacked the late planted corn very severely. As a result of this insect injury, the only good corn that was produced was that which came from the early planted fields. The Agents cooperated with the Entomologist of the Virginia Truck Experiment Station and the U. S. Department of Agriculture in scouting for the European corn borer and recommending control measures. (See recommendations on following page.)

(e) Onions

The Agents are continuing to demonstrate and urge upon the growers the importance of having all land intended for onions test at least pH 5.5 to pH 6.0, and are stressing the fact that the land should contain a liberal amount of organic matter. It was the Agents' intention to investigate set growing in this section but they did not get any demonstrations out. This project will probably be conducted in 1935.

Careful harvesting, machine grading and cleaning, and shed packing were continued and are proving to be very satisfactory and profitable to the industry. At least 90% of the onions are now packed and sold in standard 50-lb sacks. Only a few of the very early harvested onions packed in baskets sold for as much as those packed in sacks.

An unfortunate situation arose among the onion growers in 1934. A number of the members of the Cooperative Onion Growers' Association became dissatisfied with the marketing agency which was employed in 1933, and as a result of this, part of the growers continued to ship their onions with the marketing agency and the Onion Growers' Association attempted to market their own onions. This naturally caused more or less confusion on the market and resulted in competition between the two outlets, causing the growers, as is usually the case, to pay the penalty. At this date, however, it is indicated that the officials of the Onion Growers Association realize their mistake and every effort will be made to see that all of the onions are marketed through one channel in 1935.

Corn Reduction Contract Signers

Names, Acreage, & Payments

<u>Name and Address</u>	<u>Corn Base</u>	<u>Payment</u>
H. J. Grevson, Parkaley	35.0	\$77.70
A. J. Taylor, Bullbegger	38.0	60.90
J. W. Ames, Belle Haven	31.5	62.10
Roger Burton, New Church	21.0	21.60
A. T. Mason, Barbarton	21.0	41.40
R. A. Turlington, Melfa	24.5	73.30
F. B. and J. H. Mason, Accmac	52.5	129.00
W. H. Savage, Mappsburg	14.7	36.00
C. W. Rodgers, Craddockville	16.0	39.30
W. H. Powell, Hallwood	14.7	30.60
J. T. Melam, Craddockville	15.4	34.30
George C. Nock, Pungoteague	24.5	54.30
V. W. Phillips, Onley	10.5	30.60
E. B. Phillips, New Church	43.7	91.80
M. S. Kellam, Craddockville	16.8	41.70
R. C. Elmore, Melfa	30.8	46.30
C. C. Bull, Melfa	17.5	45.90
C. F. Bonniwell, Wachapreague	11.0	19.60
L. Brooks Hart, Melfa	10.0	20.10
Ferry W. Blaxson, Parkaley	11.2	24.60
H. W. Colson, Mappsburg	21.0	26.40
C. I. Waterfield, Pungoteague	14.7	27.90
E. W. Lowers, New Church	15.7	21.90
Arthur T. Wise, Craddockville	15.0	30.30
Ambrose B. Sample, Painter	14.7	17.40
R. C. Hall, Parkaley	32.5	117.60
G. J. Kellam, Craddockville	15.7	55.20
H. C. Guy, Craddockville	14.5	29.70
J. W. K. Holland, Onley	26.5	25.50
T. L. Custis, Craddockville	11.2	25.70
	<u>644.42</u>	<u>1860.30</u>

HOW TO CONTROL THE EUROPEAN CORN BORER

Dr. Harry G. Walker, Entomologist of the Virginia Truck Experiment Station, has the following to say, which should be carefully considered by every Eastern Shoreman:

"The European Corn Borer was first found in a very limited area on the Eastern Shore of Virginia in 1931. Since that time it has multiplied very rapidly and has spread over practically all of the Eastern Shore. In a survey made this fall it was found that as high as 56 per cent of the stalks were infested in some corn fields. As many as ten to fifteen European Corn Borers were found in a single stalk, with five to six borers per stalk being common.

"If the European Corn Borer has been able to spread and multiply in such large numbers within such a short time, it is apparent that it has the possibilities of becoming one of the most serious insect pests on the Eastern Shore. Drastic measures should be undertaken to prevent this rapid multiplication. The borers or worms are from three-fourths to nearly one inch length when full grown, are grayish white in color, and the body is rather inconspicuously marked with small, round, grayish brown spots. These insects pass the winter as full grown borers usually within their host plant, where they pupate and change to moths the following spring, probably the latter part of April or May on the Eastern Shore. The female moths are pale yellowish brown in color, with irregular darker bands running across the wings. The males are darker in color than the females. The moths fly at dusk and each female will lay, on an average, from 500 to 600 whitish eggs during her lifetime in groups of from 5 to 50 eggs. The eggs usually hatch within a week and the young borers begin feeding on the leaves, back of the leaf rolls, in the mid rib of the leaves, or in the tassels, and as they grow they begin to bore into the stalks and cobs. In fact, practically all parts of the plant are subject to attack. Under conditions of a very heavy infestation they may completely destroy the entire crop. Corn seems to be their preferred host plant, but they are known to attack over 200 other kinds of plants, including beets, beans, potatoes, dahlias, gladioli, and chrysanthemums.

"CONTROL: Unlike the Colorado potato beetle and the Mexican bean beetle, the European Corn Borer cannot be successfully suppressed or controlled by the individual grower. To be successful, the entire community must cooperate in the destruction of the larvae, because the moths can fly for a considerable distance and if one grower cleans up and his neighbor does not, the whole area will be infested again the following year.

To date, the use of insecticides has not proved effective. If a crop becomes heavily infested, there is practically nothing that can be done to protect it. For this reason every grower should make a special effort to clean up and destroy all crop remnants before the larvae have a chance to pupate and emerge as adults. There are several ways in which corn fields may be cleaned up and the grower should select the method or methods best suited to his farm practices. To be safe, no corn stalks should be permitted to remain in the field or in the barn or feed lot after April 1st.

"Clean-Up Methods: Plowing is effective in destroying the European Corn Borer, provided all stalks and trash are completely covered. But if any trash is left on the surface of the ground the borers will crawl out of the buried stalks and complete their development in the trash on the surface. Because of this habit of the borers, it is often advisable to destroy the stalks in some other way. If the stalks are to be used as feed, they should be cut off as near the surface of the ground as possible, at least within two inches of the ground. Then, if the fodder is put in a silo or run through a shredder practically 100 per cent of the borers will be killed. If the stalks are fed dry or used for compost or manure, care must be taken that they are well tramped and well rotted before they are scattered in the field. All stalks that are dry should be raked up and burned before April 1st. If a grower wishes to carry corn fodder over for feed later than April 1st, it should be run through a shredder or feed grinder before the moths have a chance to emerge in the spring.

Daley, Va., 11/20/34

W. C. Strong, County Agent.

Beans (Snap and Forkhocks)

These two crops continue to be about as treacherous as ever as far as profit is concerned, and it is the opinion of many of the prominent growers that if taken over a period of years these crops would show very little, if any, profit.

The Virginia Truck Experiment Station and the Bureau of Entomology conducted very extensive and conclusive bean beetle control experiments. Field meetings were held at the demonstration plots.

The new rotenone and Cryolite compounds have proven very successful in controlling the Mexican bean beetle, and these materials are now being recommended as being equally effective as the previously recommended magnesium arsenate.

The Virginia Truck Experiment Station and the County Agents have been cooperating with the Bureau of Chemistry and Soils in demonstrating various methods of placing fertilizer in relation to the bean seed. Last year's and this year's tests indicate that it is most advantageous to apply the fertilizer in bands about two or three inches from the seed. A few of the commercial planters are now being equipped to apply the fertilizer in this way.

Tomatoes

Tomato acreage is being increased year by year throughout the County, both for green wrapping and canning purposes. A special effort has been made to give tomato growers as much information as possible concerning insect and disease control as well as the best fertilizer practice.

MEXICAN BEAN BEETLE CONTROL.

Growers on the Eastern Shore who have planted lima or late snap beans should be prepared to control the Mexican bean beetle as this insect continues to breed and develop until frost and late plantings of beans may be seriously injured unless proper control methods are practiced.

During the season of 1934 the United States Department of Agriculture, with L. W. Brannon of the Bureau of Entomology & Plant Quarantine in charge, have conducted a large series of control experiments at Galley, Virginia in cooperation with the Virginia Truck Experiment Station. The results of the experiments show that the Mexican bean beetle may be successfully controlled by the thorough application of either a spray or dust mixture.

SPRAYS

Magnesium arsenate:
4 lbs. in 100 gals. water, or-
(2 oz. in 3 gals. water)

Cryolite:
6 lbs. in 100 gals. water, or-
(3 oz. in 3 gals. water)

DUSTS

Dorris Powder (5% rotenone) 15 parts
Talc 85 parts

or-

Cryolite 60 parts
Talc 40 parts

The dusts recommended above should be applied at the rate of 15 to 20 pounds per acre.

The cryolite-talc dust has been used in only one experiment this season on the Eastern Shore and excellent control was obtained. Results with this material in experiments conducted in Ohio this season by the U. S. Bureau of Entomology & Plant Quarantine have not been as satisfactory as those obtained in Virginia. Due to this fact the material can only be recommended tentatively until further investigations have been conducted.

WHEN TO APPLY THE INSECTICIDES

Effective control of the Mexican bean beetle depends upon thorough and timely treatments. The material should be so applied that it will reach the undersides of the leaves where the insect feeds.

Begin treatments when adults are found in the fields or when eggs of the beetle become numerous. Treatments should be continued at weekly or 10-day intervals depending upon the abundance of the insect. The last treatment should be applied to snap beans when the plants are blooming and setting small pods. Do not apply magnesium arsenate or cryolite to snap beans after the pods have formed. If later treatments are necessary a darris dust or spray should be used.

PLOWING

The destruction of the crop remains immediately after a field is picked or abandoned is as important as thorough spraying. The fields should be plowed at least 6 inches deep, special effort being made to cover all the bean foliage. Under usual conditions a high percentage of all stages of the insect may be killed when thorough plowing is done. In the late fall large numbers of Mexican bean beetles are often bred up in abandoned or neglected fields. These insects enter hibernation near the neglected fields and serve as a source of infestation the following year.

COOPERATIVE EXTENSION WORK IN AGRICULTURE AND HOME ECONOMICS, STATE OF VA.
Va. Agri. & Mech. College and Poly. Inst. and U.S.D.A. Cooperating
EXTENSION SVC.

TWILIGHT MEETING

FOR THE PURPOSE OF OBSERVING RESULTS OF

Bean Beetle Control Experiment

(This Experiment is Being Conducted by the U. S. Bureau of Entomology,
in Cooperation with the Virginia Truck Experiment Station,
With L. W. Brannon in Charge)

E. 5. Experiment Station

Onley - Va.

Friday - July 6 - 5 p.m.

20 Dusts and 16 Sprays Are Being Tested In This Experiment. Several New
Materials Which Are Non-Poisonous To Man Or Animal Are Showing
Excellent Results. Untreated Plots Are Located On Each
Side of Every-Treated Plot

THIS EXPERIMENT PROVES THAT BEAN BEETLES CAN BE CONTROLLED CHEAPLY AND
EFFECTIVELY WITH EITHER DUSTS OR SPRAYS IF PROPERLY APPLIED. COME
AND SEE FOR YOURSELF AND BRING YOUR INTERESTED NEIGHBORS.

Dr. H. H. Zimmerley, Director of the Virginia Truck Experiment Station,
and L. W. Brannon, who is in charge of the experiment, will discuss
materials and treatments used

PLEASE POST

W. C. STRONG, COUNTY AGENT

Horticulture:

(a) Tree Fruits

Tree fruits are of minor importance in Accomack County. However, there are a number of small home orchards. The Agents gave out the V. P. I. Spray Bulletin and timely information to these small orchard owners throughout the season.

(b) Bush or Small Fruits

Small fruits, especially dewberries and raspberries, are being planted more and more each year. This fruit ripens soon after strawberries and it is hoped will enable some of the most successful growers to have a longer fruit cash crop season. The Young dewberry and Latham red raspberry seem to be the most profitable varieties for this section. Variety demonstrations are being conducted in an effort to keep up with the development of new varieties.

(c) Strawberries

The strawberry crop, which is one of the earliest cash crops, was not at all profitable again this year, which has resulted in a decreased acreage for 1935 picking.

Variety tests were conducted again as usual, but it has been impossible to find any new variety which is superior to those well established - Hafflin, Premier, and Big Joe. However, the Fairfax and Hickmore are offering some promise. The Hickmore has already proven itself to be especially good for the juice and canning plants.

The late summer and early fall fertilizer recommendation is being accepted and more and more of the farmers are adopting this practice in preference to the spring application.

Variety and fertilizer demonstrations and tests will be continued.

The mulching demonstrations proved to be quite successful and this practice is being adopted by many of the larger and more progressive growers. It is recommended that a thin mulch of pine needles be spread over the beds and the middles well filled with pine needles about mid-winter (January). The heavy mulch between the rows serves two purposes: first, holding the fruit out of the soil; and second, preventing severe drying out.

COOPERATIVE EXTENSION WORK
IN
AGRICULTURE AND HOME ECONOMICS

Va. Agr. & Mech.
College and Poly.
Inst. & U.S.D.A.
Cooperating

State of Virginia

EXTENSION SERVICE

Dear Fruit Grower:

Have you sprayed your peaches for leaf curl? To insure control of this disease, the spray should be applied before the buds begin to swell, as infection may take place with the first movement of the bud scales. If you have not sprayed for peach leaf curl, arrangements should be made to put the spray on as soon as the weather permits. A thorough application with liquid lime-sulphur at the rate of 12 gallons in each 100 gallons of solution while the trees are dormant will control leaf curl.

Start your codling moth control now. The full grown worms can be found under flakes of loose bark, in crevices on the trunk and large limbs, in dead weed stems, in knot holes and decayed wood, and in similar locations. Scraping the loose bark from the trunks and larger branches will crush a great many worms. Those not killed may be destroyed by catching the scrapings on a canvas and burning them. Destroying the scrapings is important. Scraping the trees is necessary in preparing them for banding next June. Clean up all trash and rubbish about the packing house.

The recently organized East Central Fruit Growers Production Credit Association is now ready to make loans to fruit growers. The loans will be made to cover growing, harvesting and marketing of the fruit, and spraying and washing equipment. The loans will be secured by crop liens and other collateral. Growers interested should get in touch with their county agent immediately.

Yours very truly,

County Agent

COOPERATIVE EXTENSION WORK IN AGRICULTURE AND HOME ECONOMICS
State of Virginia, Va. A. & M. College & Poly. Inst. & U.S.D.A. Cooperating
EXTENSION SERVICE

V.P.I. SPRAY SERVICE INFORMATION - 1934

THE DORSANT SPRAY

Virginia growers suffered heavy losses from rosy apple in 1933. In those orchards where the outbreak was severe, the effect of weakened spurs will be felt in this year's crop. It is good orchard practice and excellent insurance to include apple control in the spray program.

San Jose scale was abundant in many orchards in 1933, and barred many growers from profitable export outlets. The industry needs every available market. Scale can and should be cleaned up.

An apple and scale program should be included in every commercial orchard program. Growers with a large acreage should arrange to put on the dormant spray. Those with a small acreage which can be covered in a few days can safely apply a delayed dormant spray for scale and apple.

Materials for Dormant Spray: Tar oil 2.5% and lubricating oil 3%. THIS MATERIAL MUST BE APPLIED BEFORE GROWTH BEGINS AND WHEN THE TEMPERATURE IS 45 DEGREES OR HIGHER.

Materials for Delayed Dormant Spray: Lubricating oil 3% and cresylic acid 1%, or lime-sulphur 32 degree Benzol 12 gallons, and nicotine 1 pint, to 100 gallons of water. This material should be applied between the silver-tip stage and the time the leaves are $\frac{1}{2}$ inch long.

SEE THAT YOUR SPRAY EQUIPMENT IS IN A-1 CONDITION.

TAKE ADVANTAGE OF EARLY GOOD SPRAYING DAYS.

APPLY THE SPRAY IN A THOROUGH MANNER.

EXAMINE YOUR TREES FOR WHITE LARVAE.

County Agent.

15,749 COOPERATIVE EXTENSION WORK IN AGRICULTURE AND HOME ECONOMICS
State of Virginia, Va. A. & M. College & Poly. Inst. & U.S.D.A. Cooperating
EXTENSION SERVICE

Dear Peach Grower:

Each year thousands of peach trees are killed directly by the peach borer. Additional thousands of trees are weakened by borer injury each year to such an extent that they become susceptible to and die from winter injury and other diseases.

Peach trees infested with borers can be detected by the jelly-like gum that forms around the crown at the base of the tree.

The peach borer can be controlled effectively by the use of para-dichlorobenzene. The time to apply this material is from September 25 to October 10. Steps in the application of this material follow:

1. Remove weeds and trash for about 18 inches around the trunk of the tree, but do not form a cup or trench. If any roots are exposed, cover with a shovel of dirt.
2. Smooth the surface around the tree with the back of a shovel.
3. Apply material in a continuous band about one inch wide around the tree and about one and one-half or two inches from the trunk.
4. Place several shovels of soil on the ring of crystals in the form of a mound. Pack and smooth down with back of shovel.

Ground
Level



Use material in the following amounts, taking care to weigh out materials carefully.

For trees three and four years old, $\frac{1}{2}$ -ounce of the chemical per tree; for trees five and six years old, use $\frac{3}{4}$ -ounce per tree; for trees over six years old, use from 1 to $1\frac{1}{2}$ ounces per tree.

CAUTION: Para-dichlorobenzene is not recommended for trees under three years of age. Worms in young trees should be removed by hand-worming. In doing this, care should be taken to make the knife cuts vertical as nearly as possible.

Yours very truly,

County Agent.

(c) Strawberries, continued

Insect control, especially red spider, is becoming an increasing problem. However, the prompt use of sulphur or lime sulphur dust, applied when the temperature is around 70°, is very effective especially if a long trailer is used, following the duster, which holds the dust down until it thoroughly penetrates the foliage.

(d) Home Gardens

The agents encouraged in every way possible the planting of home gardens. Monthly suggestions, prepared by the V. P. I. Horticultural Department, were sent out.

The agents and the County Board of Supervisors cooperated in an effort to get all those living on farms to store vegetables and other farm products for the winter months. (See letters attached).

(e) Nut Culture

The agents encouraged the planting of pecan and walnut trees by ordering trees and supervising planting.

COOPERATIVE EXTENSION WORK
IN
AGRICULTURE AND HOME ECONOMICS
STATE OF VIRGINIA

VIRGINIA AGRICULTURAL AND MECHANICAL
COLLEGE AND POLYTECHNIC INSTITUTE
AND UNITED STATES DEPARTMENT OF
AGRICULTURE, COOPERATING

EXTENSION SERVICE
COUNTY AGENT WORK

Onley, Virginia
September 25, 1934

Dear Committeeman:

The Baltimore Fur and Wool Company has recently written to C. W. Koiner, Commissioner of Agriculture, and J. R. Hatcheson, Director of the Virginia Extension Service, in an effort to get in touch with farmers who have black walnut trees.

The Company advises that black walnut nuts have recently been bringing 30¢ to 40¢ per pound on the market.

I am bringing this matter to your attention as there are a large number of walnut trees scattered through the County and bushels of these nuts go to waste each year.

If you are interested in getting further information, please let me know; or if any of your neighbors are interested, please send me their names and addresses.

With kind regards, I am

Very truly yours,

W. C. Strong
W. C. Strong, County Agent.

WCS-p

FOOD AND FEED SUPPLY RECOMMENDATIONS

For Accomack County

Winter 1934-35

(Adopted by Accomack County Agricultural and
Homemaking Advisory Board and Accomack
County Board of Supervisors)

1. Save at least 2 1/2 bushels white potatoes for each person.

Pick up potatoes immediately after digging and store in a cool place. If a suitable building is not available, store the potatoes in the woods, by placing on shady ground; cover with shatters. Replenish every three weeks, remove rotten potatoes, and cover with fresh shatters. Late in the fall put 2 or 3 inches of dirt over shatters to prevent freezing.

2. Save at least 2 bushels sweet potatoes for each person.

Dig late in the fall and store in house or bank with dirt.

3. Can or dry surplus fruits and vegetables.

Can 24 quarts of tomatoes or tomato juice and 12 quarts of soup mixture for each person. Can or dry 12 quarts of other vegetables. Can or dry 27 quarts of fruit for each person. Wild berries are valuable.

4. Grow a fall garden.

Plant early in August at least 10 feet of row of these vegetables for each person; beans, beets, cabbage, carrots, corn, lettuce, turnips. Early in September plant turnips for greens, kale, radishes, and lettuce. (Use fertilizer if possible.) Leave beets, carrots, and turnips in the ground; cover with dirt before severe freeze.

5. Provide meat.

Hatch chicks early in September, fatten hogs, sheep, and a beef to kill during winter. Salt about 8 pounds of fish for each person late in the fall.

6. Provide feed for livestock.

Sow sorghum, Sudan grass, soybeans or cowpeas, July 20 to August 15.

* * * * *

For further information, apply to the Farm and Home Demonstration Agents, Onley, Va.

COOPERATIVE EXTENSION WORK
IN
AGRICULTURE AND HOME ECONOMICS
STATE OF VIRGINIA

VIRGINIA AGRICULTURAL AND MECHANICAL
COLLEGE AND POLYTECHNIC INSTITUTE
AND UNITED STATES DEPARTMENT OF
AGRICULTURE, COOPERATION

EXTENSION SERVICE
COUNTY AGENT WORK

Onley, Virginia
July 19, 1934

Dear Farmer:

The outcome of the 1934 white potato crop in Accomack County will likely leave us to face an acute situation this winter unless preparations are made in the next two months to feed the people.

The United States Government denied direct relief to tenants last year and declared each landlord responsible for his tenants. Therefore, it seems to be a good business proposition for each land owner to require the families on his land to save an adequate supply of food for next winter or for him to save it for them as some of our more progressive farmers are doing.

The Accomack County Board of Supervisors and the Accomack County Advisory Board for Agriculture and Home-making have adopted a set of recommendations for getting ready for the winter. The County Relief Department has been discontinued, and according to the Board of Supervisors, County relief funds for the winter of 1934-35 are exceedingly limited.

A copy of the recommendations adopted by the above-named boards is enclosed, and we hope you will cooperate in helping to prevent a food shortage this winter.

Very truly yours,

W. O. Strong
W. O. Strong, County Agent

H. M. Nichols
H. M. Nichols, Assistant County Agent

Nora Miller
Nora Miller, Home Demonstration Agent

BOARD OF SUPERVISORS

Accomack County

Blacks, Virginia
July 19, 1934

Dear Fellow Citizen:

At the July meeting, the Board of Supervisors discussed the economic situation in the County and the need for providing food for the coming winter. We adopted a set of recommendations presented by the County Farm and Home Demonstration Agents, and I hope every citizen will join in the campaign to make it possible for Accomack County to feed itself this winter.

It appears that relief funds will be too small to take care of emergencies even with every one doing his part.

Soliciting your cooperation in this movement, I am

Yours very truly,



W. F. Bowdoin
Supervisor for Metompkin District

BOARD OF SUPERVISORS

Accomack Co.

Hallwood, Virginia
July 19, 1934

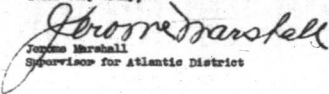
Dear Fellow Citizen:

At the July meeting, the Board of Supervisors discussed the economic situation in the County and the need for providing food for the coming winter. We adopted a set of recommendations presented by the County Farm and Home Demonstration Agents, and I hope every citizen will join in the campaign to make it possible for Accomack County to feed itself this winter.

It appears that relief funds will be too small to take care of emergencies even with every one doing his part.

Soliciting your cooperation in this movement,
I am

Yours very truly,


Jerome Marshall
Supervisor for Atlantic District

BOARD OF SUPERVISORS

Accomack County

Keller, Virginia
July 19, 1934

Dear Fellow Citizen:

At the July meeting, the Board of Supervisors discussed the economic situation in the County and the need for providing food for the coming winter. We adopted a set of recommendations presented by the County Farm and Home Demonstration Agents, and I hope every citizen will join in the campaign to make it possible for Accomack County to feed itself this winter.

It appears that relief funds will be too small to take care of emergencies even with every one doing his part.

Soliciting your cooperation in this movement, I am

Yours very truly,

Charles E. Nicolls
C. E. Nicolls
Supervisor for Pungoteague District

BOARD OF SUPERVISORS

Accomack County

Melfa, Virginia, R. F. D.
July 19, 1934

Dear Fellow Citizen:-

At the July meeting, the Board of Supervisors discussed the economic situation in the County and the need for providing food for the coming winter. We adopted a set of recommendations presented by the County Farm and Home Demonstration Agents, and I hope every citizen will join in the campaign to make it possible for Accomack County to feed itself this winter.

It appears that relief funds will be too small to take care of emergencies even with every one doing his part.

Soliciting your cooperation in this movement, I am

Yours very truly,

Charles T. Ayres

C. T. Ayres
Supervisor for Lee District

COOPERATIVE EXTENSION WORK
IN
AGRICULTURE AND HOME ECONOMICS
STATE OF VIRGINIA

VIRGINIA AGRICULTURAL AND MECHANICAL
COLLEGE AND POLYTECHNIC INSTITUTE
AND UNITED STATES DEPARTMENT OF
AGRICULTURE, COOPERATING

EXTENSION SERVICE
COUNTY AGENT WORK

Onley, Virginia
July 19, 1934

Dear Minister:

I hope it will be possible for you to bring the enclosed recommendations to the attention of your congregation on Sunday, July 22.

The outcome of the 1934 white potato crop in Accomack County will likely leave us to face an acute situation this winter unless preparations are made in the next two months to feed the people.

The United States Government denied direct relief to tenants last year and declared each landlord responsible for his tenants. Therefore, it seems to be a good business proposition for each land owner to require the families on his land to save an adequate supply of food for next winter or for him to save it for them as some of our more progressive farmers are doing.

The Accomack County Advisory Board for Agriculture and Homesteading and the County Board of Supervisors have adopted the above mentioned set of recommendations for getting ready for the winter.

As you probably know, the Relief Department in the County has been discontinued, and County funds for relief purposes are exceedingly limited.

Your cooperation will be deeply appreciated.

Very truly yours,

W. O. Strong

W. O. Strong, County Agent

H. M. Nichols

H. M. Nichols, Assistant County Agent

Mera Miller

Mera Miller, Home Demonstration Agent

COOPERATIVE EXTENSION WORK
IN
AGRICULTURE AND HOME ECONOMICS
STATE OF VIRGINIA

GEORGIA AGRICULTURAL AND MECHANICAL
COLLEGE AND POLYTECHNIC INSTITUTE
AND UNITED STATES DEPARTMENT OF
AGRICULTURE, COOPERATING

EXTENSION SERVICE
COUNTY AGENT WORK

Onley, Virginia
July 16, 1934

TO THE COLORED MINISTERS OF ACCOMACK COUNTY and
COLORED CITIZENS OF LEE DISTRICT:

Remember Friday, July 20, 8.15 p. m. to 9.30 p. m.

We have been requested by the County Board of Supervisors to emphasize the necessity for each family to save enough food for the coming winter.

Although you feel secure regarding your own food supply, won't you help be your brother's keeper and assist the less thrifty members of your race save potatoes, plant fall gardens, and do several other things we will tell them about.

The Relief Department in the County has been discontinued, and County funds for relief purposes are exceedingly limited.

After a conference with your efficient leader, Mrs. Mary Smith, we decided to schedule a mass meeting in each ministerial district to give instructions on getting ready for the winter.

The first meeting will be held in your High School Auditorium at Accomack on Friday evening, July 20, from 8.15 to 9.30 p. m.

Ministers from all sections of the County, we want you to attend this first mass meeting; then you will understand the program and be in a position to work up mass meetings in your districts. If you are a minister in Lee District, please urge the people of your church to be present.

Very truly yours,

W. O. Strong
W. O. Strong, County Agent

H. M. Nichols
H. M. Nichols, Assistant County Agent

Norma Miller
Norma Miller, Home Demonstration Agent

P. S. Ministers, please read the enclosed sheet to your congregation on Sunday.

13.714 COOPERATIVE EXTENSION WORK IN AGRICULTURE AND HOME ECONOMICS
State of Virginia, Va. a. & M. College & Poly. Inst. & U.S.D.A. COOPERATIVE
EXTENSION SERVICE

SUGGESTED GARDEN PLAN FOR FAMILY OF FIVE

Pl. of:	Vegetable	Variety	Seed required	Planting Date
125	Parsnip	Guernsey	1 oz.	Mar. & Apr.
75	Salsify	Sandwich Island	1 oz.	Apr. & May
250	Carrot	Chantenay	2 1/2 oz.	Mar., Apr. & May
125	Beet	Crosby's Egyptian	2 1/2 oz.	" "
125	Spinach	Long St. Bloomsdale Savoy or: Va. Savoy (blight resistant):	2 1/2 oz.	Mar. & Apr.
375	Peanut	World's Record	1 lb.	" "
		Thomas Lutton	2 lbs.	Feb. to May
270	Onion Sets	Ebenezer or Yellow Globe	2 lbs.	Mar. & Apr.
50	Lettuce	Grand Rapids (leaf) or Big Boston (head)	1/2 pkt.	Mar., Apr. & May
75	Cabbage, early	Jersey or Charleston Wakefield	1 pkt.	Mar. & Apr.
375	Snap Beans	Stringless Green Pod	3 lbs.	Apr. & May
175	Kale	Dwarf Blue Curled Scotch	1 1/2 oz.	Mar. & Apr.
250	Potatoes, early	Irish Cobbler	1 1/2 pkt.	Mar. & Apr.
500	" " , late	Green Mountain	2 1/2 pkt.	Mar. & Apr.
175	Tomato	Bonny Best	1 pkt.	Set plants Mar.
		Brimmer or Marglobe	1 pkt.	after frost
500	Sweet potatoes	Nancy Hall and Porto Rico	800 plants	Set plants May & June
500	Corn	Golden Bantam	3/4 lb.	Apr., May & June
		Country Gentleman	1-3/4 lb.	Apr., May & June
In corn:	Pumpkin	Virginia Mammoth	1 pkt.	May
		Casehaw	1 pkt.	May
16-18	Squash	White Bush	1 pkt.	Apr. & May
Hills:		Yellow Crookneck	1 pkt.	Apr. & May
10-15	Cucumber	Early Fortune	1 pkt.	May
Hills:				
SUCCESSION CROPS				
270	Snap Beans	Stringless Green Pod	2 lbs.	July 15-Aug. 15 after onions
250	Cabbage	Late First Dutch or Danish Ballhead	1 pkt.	Set plants in July after peas
50	Lettuce	Grand Rapids (leaf)	1/2 pkt.	July 15-Sept. 1 after spinach
125	Spinach	Long St. Bloomsdale Savoy or: Va. Savoy (blight resistant):	2 1/2 oz.	Aug. 15-Sept. 15 after beans
200	Turnip	Purple Top White Globe	2 oz.	Aug. after beans
125	Turnip Salad	Pokeronian White Globe	2 oz.	" after potatoes (early)

The above plan should be of value to you in planning your garden. The following suggestions are also offered: (1) Locate your garden on fertile, well-drained soil, convenient to the house. (2) Flow as early as possible. (3) Plant only good seed. (4) Apply manure at the rate of from 10 to 20 tons per acre, if available. (5) If possible, fertilize with from 800 to 1000 lbs. of 5-8-5 per acre. (6) Practice frequent shallow cultivation. (7) Follow a thorough pest control program. For further information on gardening, consult your county agent or write to the Vegetable Extension Service, Blacksburg, Virginia.

Livestock:

Dairy Cattle

The dairy industry in Accomack County has declined slightly during the year due to low milk prices. Twenty dairymen in the County are still shipping milk to the Snow Hill Cooling Station of the Scott-Powell Dairies, Inc., Philadelphia, Pa. All cooperation possible has been rendered the dairymen in an effort to make their business as profitable as possible. Bacteria counts obtained from the Scott-Powell Dairies are sent out to each of the shippers; this practice has stimulated their interest in obtaining as low bacteria counts as possible. A number of the dairymen are members of the Interstate Milk Producers Association, which is an association of milk producers in the Philadelphia Milk Shed.

The Eastern Shore Dairy Herd Improvement Association has also decreased its activities; however, a few of the shippers are continuing to regularly test their herds and it is expected that the Association will soon be back in full swing, for there is increased interest in milk production toward the close of this year due to better milk prices.

The Agent's office has assisted several dairymen in securing good cows and purebred sires.

Much attention toward the close of the year has been given, in cooperation with the U. S. Jr. Vet., in an effort to eliminate Bang's Disease in Accomack County. Practically all of the dairymen have had their cattle bloodtested. All of the dairymen are keeping up with the annual TB test and several of them now have accredited herds.

The retail milk business is increasing in the County, and it is conservatively estimated that at least twice as much milk is sold at retail as there was five years ago. Much assistance has been given retail milk producers in an effort to help them meet State requirements. Much confusion exists in the retail business due to the fact that those producers with two cows or less can retail milk without meeting the State requirements.

See following page for list of County Dairymen.

ACCOMACK COUNTY DAIRYMEN

(Wholesale and Retail)

R. A. Turlington
W. H. Phillips
W. S. Nelson and Son
Henry Joyner
R. C. Ball
A. S. Ball
S. B. Ashby
H. R. Kellan

Melfe
"
Onancock
"
Parkesley
Greenbush, R. F. D.
Belle Haven
Exmore

(Wholesale)

Fred Burroughs
W. Roy Justice
V. C. Justice
William Hart
G. D. Northam
L. J. Jones
Harry Revell
J. C. Kallely
W. C. Parlow
W. C. Carey
J. S. Johnson
H. E. Powell
F. V. Matthews
Hugh Benson
C. M. Kinmore
James D. Justice
Frank F. Beasley
Finney, Oswald
Justice, Elwood
John E. Moore

Assessman
Hornstown
"
Melfe, R. F. D.
Modest Town
New Church
"
"
"
"
"
Onancock
Parkesley, R. F. D.
Pungoteague
Exmore
Wattsville
Onancock, R. F. D.
Hallwood
Wattsville
Onancock

(Retail)

J. W. Michaelberger
John Wheelton
Haddox and Justice
Gordon Hall
E. J. Marshall
George Budd
J. E. Smith
James Belote
C. A. Kelley
Floyd Bull
John H. Killman
C. V. Joyner
C. E. Lang
Lloyd Richardson
Ed Justice
V. Birch
Ross, William

Accomac
Chincoteague
"
Hallwood
Horsey
Melfe
Onancock
Caley
"
Parkesley
Pungoteague
Onancock, R. F. D. 2
Temperanceville
Wchapreague
Wattsville
Chincoteague
Accomac

COOPERATIVE EXTENSION WORK
IN
AGRICULTURE AND HOME ECONOMICS
STATE OF VIRGINIA

VIRGINIA AGRICULTURAL AND MECHANICAL
COLLEGE AND POLYTECHNIC INSTITUTE
AND UNITED STATES DEPARTMENT OF
AGRICULTURE, COOPERATING

EXTENSION SERVICE
COUNTY AGENT WORK

Calley, Virginia
October 12, 1934

Dear Sir:

The Federal and State Departments of Agriculture are endeavoring to eliminate cattle reacting to the agglutination blood test for Bang's Disease (~~brucellosis~~ abortion). This test is being made without expense to the cattle owner except for the handling of the animals incident to collecting blood samples.

The Secretary of Agriculture agrees to pay a sum not to exceed \$20.00 for a grade animal, and not to exceed \$50.00 for a registered purebred animal reacting to the test.

I am enclosing an agreement which explains the project in full. I shall be glad for you to sign the agreement and return it in the enclosed envelope at your earliest convenience. A number of our dairymen have already signed the agreement and are anxious to get their cattle tested. I will wait a week or ten days for you to get your agreement back to me before requesting the State to start the work.

If you have questions do not hesitate to get in touch with this office.

With kind regards, I am

Very truly yours,

W. C. Strong
W. C. Strong, County Agent

WOS-p

COOPERATIVE EXTENSION WORK
IN
AGRICULTURE AND HOME ECONOMICS
STATE OF VIRGINIA

VIRGINIA AGRICULTURAL AND MECHANICAL
COLLEGE AND POLYTECHNIC INSTITUTE
AND OTHER STATE DEPARTMENT OF
AGRICULTURE, COOPERATING

EXTENSION SERVICE
COUNTY AGENT WORK

Onley, Virginia
October 30, 1934

TO THE DAIRYMEN OF ACCOMACK COUNTY:

Sometime ago, I wrote to you regarding the work which is to be conducted in this County by the State and Federal Departments of Agriculture in an effort to eliminate cattle reacting to the agglutination test for Bang's Disease. Some of you have not as yet signed up to have your herds tested, and since this work will involve no expenditure on your part I am writing to urge that you take advantage of this opportunity. If you have misplaced your agreement blank or did not receive one, please get in touch with this office and I will send you one by return mail.

The future of the dairy industry looks as good as any other farming enterprise, if not better; and you cannot afford to overlook anything along this line that will be of help to you.

I am enclosing a self-addressed envelope, which requires no postage, for your convenience in replying or in returning your agreement.

With kind regards, I am

Very truly yours,

W. O. Strong
W. O. Strong, County Agent.

(b) Swine

There has been much interest in the hog industry during the past year due to the Corn-Hog Reduction Program and the increasing prices of hogs and pork products.

A special effort has been made to assist the hog producers in their disease and parasite control, as well as with feeding and marketing.

The following persons have been granted permits to administer the serum-virus treatment for the prevention of hog cholera:

Dr. George Finney	Osancock (Vet.)
Dr. John Turlington	Nechaspreague (Vet.)
W. E. Turlington	Melfa (Vet.)
Sam Hickman	Hopeton
Henry Jaynes	Osancock
J. S. Harmon, col.	Oak Hill
A. J. Gray	Temperanceville (Agrl. Instr.)
A. Dunham	Painter
R. G. Hall	Parksley
I. D. Northam, Jr.	Keller
J. G. Fitchett	Daugherty
J. T. Hornsby	Escks Beck
T. L. Gillespie	Mappsville
H. J. Gravesnor	Parksley, R. F. D.
Ferry Blaxon	Mappsville
Charles J. Kellan	Craddockville
W. T. Blaxon	Horsay
R. A. Howard	Greenbush, R. F. D.
William Ross	Acadama
A. W. Kellan, col.	Painter
W. H. Broughton	Madus

Due to the activities of this group, cooperating with the County Agent, hog cholera has been kept under control in 1934.

A formula for a mineral mixture was given to several of the leading feed dealers who in turn mixed this material and sold it at a reasonable price to hog raisers. This enabled the hog raisers to more easily keep a mineral mixture before their hogs.

On the following page will be found the names of those hog raisers who signed hog reduction contracts for 1934, together with a list of the payments.

Hog Reduction Contract Signers
 Names, Hog Base, and Payment

<u>Name and Address</u>	<u>Hog Base</u>	<u>Payment</u>
H. J. Cravenor, Parkaley	207.0	\$775.00
A. J. Taylor, Ballbegger	45.0	225.00
J. W. Ames, Belle Haven	50.5	190.00
Roger Burton, New Church	39.0	145.00
A. T. Bacon, Barborton	32.5	120.00
R. A. Turlington, Helife	94.0	350.00
F. B. and J. H. Bacon, Accomac	136.0	510.00
W. H. Savage, Maysburg	23.0	95.00
C. W. Rodgers, Craddockville	12.5	45.00
W. H. Powell, Ballwood	26.5	100.00
J. T. Nelson, Craddockville	24.5	90.00
Henry E. Powell, Onancock	20.5	75.00
V. W. Phillips, Calley	17.0	65.00
E. R. Phillips, New Church	11.5	45.00
W. S. Edlson, Craddockville	54.0	200.00
E. C. Elmore, Helife	28.0	85.00
C. F. Bennett, Wachspreague	39.0	145.00
L. Brooks Bart, Helife	23.5	90.00
T. M. Davis, Davis Wharf	17.0	65.00
Perry W. Blakem, Parkaley	85.5	425.00
H. W. Colons, Maysburg	46.0	215.00
G. I. Waterfield, Pungoteague	39.5	150.00
J. H. Windsor, Craddockville	10.5	50.00
M. W. Lewis, New Church	42.0	155.00
Arthur T. Wise, Craddockville	14.0	50.00
Amrose B. Sample, Painter	27.0	100.00
L. S. Hutchinson, Davis Wharf	15.0	50.00
R. C. Hall, Parkaley	81.0	305.00
C. J. Kellen, Craddockville	50.5	190.00
M. C. Guy, Craddockville	32.0	120.00
J. W. K. Holland, Calley	17.5	65.00
Julius J. Killmon, Craddockville	26.5	100.00
M. H. Custis, Craddockville	21.0	105.00
H. E. Custis, Craddockville	32.5	120.00
T. L. Custis, Craddockville	23.5	90.00
W. C. Core, Calley	24.5	90.00
C. E. Budd, Hecks Meek	17.0	65.00
	<hr/> 1588.50	<hr/> \$6075.00

(c) Sheep

The practice of keeping timely information before the sheep raisers of the County was continued. A number of the County sheep raisers again marketed their wool through the United Wool Growers Association, Inc. The Agent cooperated in advertising the fourth Annual Purebred Hampshire Ram Sale held at Pocomoke City, Maryland, July 7. Several purebred rams again came into Accomack County.

COOPERATIVE EXTENSION WORK IN AGRICULTURE & HOME ECOS.
State of Virginia, W. A. & M. College & Poly. Inst. & U.S.D.A.
Cooperating
EXTENSION SERVICE

Onley, Virginia,
June 15, 1934.

FOURTH ANNUAL PUREBRED RAM SHOW AND SALE.
July 7th at 1:00 P.M. at Pocomoke, Md.
On Old High School Grounds.

"Scrub bucks are a curse, nothing more, nothing less", declares Jos. H. Vial, Animal Husbandman, University of Maryland Extension Service, College Park, Maryland. In a recent interview he says "Scrub bucks and sheep killing dogs are in the same class, and of the two, I am not so sure but what the sheep killing cur is a saint compared to the scrub buck. The sheep killing dog skulks into the midst of your band of sheep, does his dirty work, and is gone. You are all impressed with the damage done, the old shotgun comes into play, the flock owner swears he will drop him in his tracks on sight. Yet the same man will often permit a scrub ram to continually take a toll far in excess of the dog menace. The unfortunate part of the mongrel ram is that he reproduces; still his lambs are not of the type, quality, or conformation to command a respectable price on the market. He oftentimes knocks off as much as \$2.00 per head of the lambs he sires as compared with lambs sired by thick, low-set purebred rams. The fleeces transmitted to his get is inferior, of low value and lighter in weight. The flock continually grows less and less profitable. You can't be blamed for the outrages committed by sheep killing dogs, but harboring a scrub ram can be pinned onto you, if guilty. You naturally reach for the gun to stop the dog nuisance, why not whet up the knife and assure yourself of no further 'scrub buck' damage."

Mr. Vial is managing the FOURTH ANNUAL PUREBRED RAM SHOW AND SALE which will be held in Pocomoke, on the Old High School grounds, Saturday, July 7th at 1:00 P. M.

Sheepmen everywhere are invited to attend.

Very truly yours,

W. O. Strong
W. O. Strong,
County Agent.

COOPERATIVE EXTENSION WORK
IN
AGRICULTURE AND HOME ECONOMICS
STATE OF VIRGINIA

VIRGINIA AGRICULTURAL AND MECHANICAL
COLLEGE AND POLYTECHNIC INSTITUTE
AND UNITED STATES DEPARTMENT OF
AGRICULTURE, COOPERATION

EXTENSION SERVICE
COUNTY AGENT WORK
Onley, Virginia,
April 17, 1934.

ACCOMACK COUNTY SHEEP RAISERS:

It will soon be time to shear your sheep and I know you are anxious to obtain the best possible price for your wool this year. The prospects look good for wool of high quality and properly prepared for shipment.

I am glad to enclose a circular prepared by James W. Christie, of the Bureau of Agricultural Economics, Specialist in Wool. This circular shows the Approved and Objectionable Twines for Tying Fleeces. Please look it over carefully.

Many Wool Growers in Accomack took advantage of the Cooperative Wool Pool last year with satisfactory results. While others, sold their wool to local buyers as low as eight and ten cents per pound, those who shipped their wool through the Pool received thirty or more cents per pound.

Last year I sent each of the Sheep Raisers a pamphlet on "The Proper Way to Shear Sheep." We have a few of these left, a copy of which will be gladly sent to you, if you have misplaced yours.

I urge you to carry out the following suggestions:

1. Take sheep off grass several hours before shearing.
2. Never shear when fleece is wet.
3. Always shear in a clean place.
4. Where possible use shearing machine to secure better grades.
5. Tie each fleece. USE PAPER TWINE ONLY.
6. Don't put your burry wool with clear wool.
7. Separate your black and gray fleeces to themselves.
8. Every fleece should be inspected and the dirty tags should be out off.
9. Bag all wool neatly.

We have a supply of special wool bags and twine. Advise me of your requirements.

If you have any questions about handling your sheep, lambs or wool, do not hesitate to call.

With best wishes, I am

Very truly yours,

W. O. Strong
W. O. Strong,
County Agent.

WOS:E

UNITED STATES DEPARTMENT OF AGRICULTURE
BUREAU OF AGRICULTURAL ECONOMICS
WASHINGTON

- 99 -

APPROVED AND OBJECTIONABLE TWINE FOR TYING FLEECES

By James W. Christie
Specialist in Marketing Wool
Division of Livestock, Meats, and Wool

An important step in preparing wool for marketing and manufacturing is the tying of the fleece immediately after shearing. The kind of twine and the quantity used may add to or detract from the price the grower receives for his wool. To use the wrong kind of twine, or even to use too much good twine may be detrimental to his interests.

KIND OF TWINE TO USE. - Paper twine is the desirable tying material. It is manufactured from brown kraft paper, and is spun into single and four-ply sizes. The single-ply averages about 300 feet to the pound, the four-ply averages about 340 feet to the pound. This paper twine is put up in balls, tubes, and hanks. (Fig. 1.) The hanks are usually made up of 250 ends and cut in $8\frac{1}{2}$ foot lengths. The twine in balls and tubes is in one continuous piece; which for practical use in tying fleeces, is cut into $8\frac{1}{2}$ foot lengths.

BENEFITS OBTAINED BY USING PROPER TWINE. - Paper twine can be taken from the fleece intact, by the wool grader or the wool sorter. If any part of the twine encircling the fleece breaks during removal, leaving pieces in the wool, they are reduced to fragments and largely fall away from the wool during scouring. Any remaining fragments disappear in subsequent course of manufacture, and do not harm the finished product. This twine can be obtained through all woolgrowers' associations, cooperative wool-marketing associations, and distributors of agricultural supplies.

DAMAGE FOLLOWING USE OF LOOSE-FIBERED TWINES. - Under no circumstances should wool be tied with loose-fibered twines (such as sisal or binder twine) or with heavy, rough, jute twines, such as shown in figure 2. Sisal or binder twines lower the value of wool and are injurious to the semimanufactured products. They are likely to cause serious defects in the finished woven or knitted fabrics, that are costly to the manufacturer. Heavy jute twine is just as objectionable and has equally damaging effects.

When loose-fibered twines are removed from the fleece, the loose fibers become detached and mingle with the fibers of the wool. These damaging twine fibers, seldom detectable by the naked eye, go through the various processes of manufacture, finally finding their way into the finished cloth, showing up as defects or blemishes. Such twine fibers will not take the dye to the same degree as do wool fibers, therefore, in colored fabrics, and especially in pastel shades, they are particularly damaging. All such imperfections are a source of loss to the entire industry. The grower bears his share of this loss, for fleeces tied with these objectionable loose-fibered twines. (Fig. 2) are subject to a discount in price.

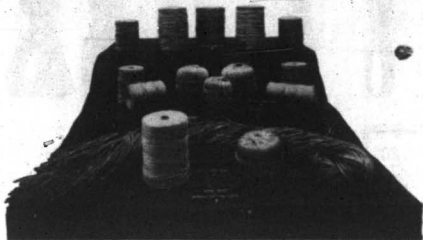


FIGURE 1 - PAPER TWINE OF SINGLE AND 4-PLY TYPES, APPROVED FOR TYING FLEECES



FIGURE 2 - LOOSE-FIBERED TWINE (SUCH AS SISAL OR BINDER TWINE) AND ROUGH JUTE TWINE, OBJECTIONABLE FOR TYING FLEECES

UNITED STATES DEPARTMENT OF AGRICULTURE
Bureau of Agricultural Research
Washington

**PAPER TWINE
APPROVED FOR TYING FLEECES**



**LOOSE-FIBERED TWINE
OBJECTIONABLE FOR TYING FLEECES**



The selection of twine for tying wool fleeces is important. Only twines which are not injurious to the product should be used. Twines best meeting the requirements are those made of paper, such as (A) single-ply and (B) double-ply. Paper twines are fine and strong. If for any reason a piece of particle is left in the wool, it is removed in the scouring or subsequent manufacturing processes and does not injure the finished material. Wool manufacturers strongly urge the use of paper twine for tying wool fleeces.

Loose-fibered twines should never be used in tying wool fleeces. Steel or Binder Twine (C) and Rough Jute Twines, (D) (E), are particularly objectionable. When such twines are removed from the fleeces loose fibers frequently become detached, adhere to the wool and, escaping detection, go through the manufacturing processes with the wool. As such fibers do not take the dye to the same degree as the wool fibers, they show up as defects or blemishes in the finished product. The correction of these imperfections is a costly process.

FIGURE 3 - TWINES THAT HAVE BEEN APPROVED FOR TYING FLEECES AND THOSE THAT ARE OBJECTIONABLE FOR THIS PURPOSE

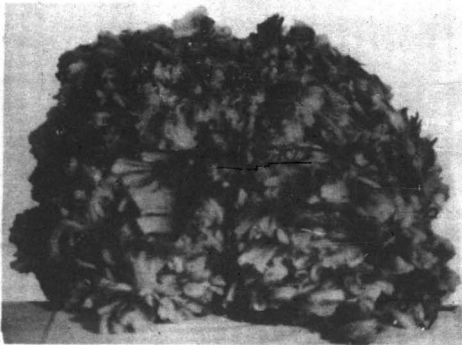


FIGURE 4 - THIS WELL-PREPARED FLEECE CONTAINS ONLY SUFFICIENT PAPER TWINE TO KEEP IT INTACT

SHEEP STOMACH WORM CONTROL

ooOoo

STOMACH WORMS inhabit chiefly the fourth stomach and is a small, thread-like worm from one-half to one and one-quarter inches long and about the thickness of an ordinary pin. In color it is from nearly white, to grayish or reddish brown. After the eggs hatch the small larvae crawl up on the grass blades where they are eaten by the sheep and in two or three weeks develop into mature worms.

When sheep are badly infested, they show unthriftness and diarrhea. Later, unless treatment is administered, they become anemic, as shown by the whiteness of the skin and of the lining of the eyelids. This is due to the blood-sucking habit of the worms. Further evidence of advanced stages of the trouble is a soft swelling on the underjaw.

Lambs are more seriously affected by stomach worms than older sheep and where pastures are badly infested and no treatment is administered it is very hard to raise thrifty young lambs after warm weather sets in.

There are a number of so-called stomach worm remedies on the market in the form of powders, medicated salts, pellets, and pills. Medicinal agents given in the feed or free choice can at best accomplish only inefficient control.

COPPER SULPHATE TREATMENT has proven most effective and economical.

DIRECTIONS - Dissolve one ounce of copper sulphate (blue stone or blue-vitrol) in about a quart of warm water, then add enough water to bring the solution up to a total of three quarts. This makes enough to treat approximately 25 mature sheep. Use only wooden, glass, or earthenware receptacles.

	Mature sheep-----	4 ounces
DOSAGE	Yearling sheep-----	3 ounces
	Six-month lamb-----	2 ounces
	Three-month lamb-----	1 ounce

Dose weak animals somewhat lighter.

METHOD OF TREATMENT - The treatment may be administered by means of a metal dose syringe, a bottle, or a drenching tube. The former is the most convenient and should be of two-ounce size. Syringes may be obtained from County Agents Office, Onley, Va. or Animal Husbandry Dept. at V.P.I. at about 90¢ each.

PRECAUTIONS:

1. Stir the solution occasionally while using.
2. Keep the animal standing on all four feet, not tipped up on its rump.
3. Don't raise the head too high (the nostrils should be about level with the eyes.)
4. Don't try to drench too fast.
5. Don't put the instrument back too far in the mouth, as this makes it more difficult for the animal to swallow.

SEASONAL SUGGESTIONS FOR SHEEP OWNERS.

Preparing Wool for Market

1. Tag all sheep before shearing.
2. Keep wool free from trash by shearing on a canvass or clean floor.
3. Do not shear when fleeces are wet.
4. Machine clippers, properly used, will do a much smoother job and will avoid second cuts.
5. Tie each fleece separately, skin side out, with paper twine.
6. Sack wool in regular wool bags and store in a clean dry place. (Wool sacks hold 12 to 15 fleeces and may be purchased from Producers Cooperative Exchange, Richmond at 42 ¢ each and will be sold at the price with the wool.)

Dipping

After being clipped, sheep should be dipped to rid them of external parasites, ticks, lice and mites. Directions for dipping may be found on page 25 of Bulletin No. 109 "Market Lamb Production in Virginia" which may be obtained from your County Agent. This bulletin also contains other interesting and valuable information on sheep. Write or call for your copy.

Stomach Worm Treatment

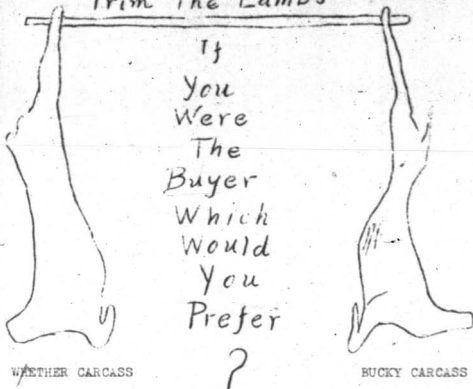
Stomach worm treatment should be started at once if it has not been done already. The copper sulphate treatment is recommended and directions and demonstrations may be obtained from County Agents. For best results, treatments should be given every three of four weeks during the summer.

Market Wants Well Finished Lambs

Unfinished lambs do not bring satisfactory prices and hurt the market. Such lambs can be held back for a better finish. With good grass and good milking ewes, lambs usually fatten satisfactorily without supplementary feed, but if they are not finishing properly, some grain will help. Corn should make up the bulk of a fattening ration for lambs. It should be ground or cracked until the lambs are six weeks old, but after that it need only be shelled. A creep should be provided which will admit the lambs but exclude the old sheep.

For further information write or call County Agent,
W. O. Strong, Onley, Va.

Trim The Lambs



To receive top prices the farmer must produce the kind and quality of article the buyer wants.

Our packer buyers, on whom all market lamb growers are dependent for the sale of their produce, say that docked and castrated lambs are worth more to them than untrimmed lambs. There is a very good reason for this as the carcass of the wether lamb is smoother in the shoulder, shorter in the neck, deeper and thicker over the loin and leg; and usually is better finished and more uniformly covered.

Further information on docking and castrating, or any other phase of top market lamb production, can be secured from W.O. Strong, county agricultural agent, Onley, Virginia, or Phone Onancock 115-F-12

(d) Horses

Much trouble was again experienced this fall with spinal meningitis which, it is conservatively estimated, killed between five and seven hundred horses and mules. The efforts of the Rockefeller Institute and State Veterinary Department to find a remedy for this trouble are appreciated. Their study is being continued and it is expected that a remedy will soon be found.

(e) Poultry

The poultry industry, especially the broiler phase, continues to grow and be one of the profitable side-lines on Accomack County farms. It is conservatively estimated that between 500,000 and 750,000 broilers were produced in Accomack County during 1934. Barred Rocks are used exclusively and the growers are, as a whole, very successful. Disease control and proper feeding and management seem to be well in hand; in other words the growers are successfully using recommended practices.

About twenty-five of the larger egg producers are still marketing their eggs through Hunter and Walton, New York City. A contract is made with one of the producers to truck the eggs to New York and supply the empty cases, at 50¢ per case (30 doz.). The eggs are graded into two classes--24 ounces and up and 20 to 24 ounces.

Agricultural Economics:

The County Extension force spent much time with this phase of work. Many representatives of the Bureau of Agricultural Economics and the State Agricultural College spent much time and rendered much service in the County during the year. Particular mention is made of the activities of A. E. Marcker, Secretary of the Interstate Early Potato Committee, and W. J. Buckolis, Jr., Farm Management Demonstrator of the State Agricultural College, for their valuable assistance in conducting outlook meetings and supervising farm records. (See following page for report on records). Outlook information has been kept consistently before the people of the County by news articles, circular letters, posters, charts, agricultural committeemen and outlook reporters in the various community leagues.

Last but not least, Farm Credit Administration activities, through the Federal Land Bank, Bank for Cooperatives, and Production Credit Association, have been very valuable to Farmers of Accomack County during the past year. It is estimated that through these three sources of credit \$1,250,000 has been put into Accomack and Northampton Counties. The Agent also spent much time in assisting in developing and cooperating with the Local Production Credit Association. Many trips were made to Washington and Baltimore in connection with these three sources of agricultural credit.

See following page for list of those borrowing from Emergency Crop Loan Office.

EXTENSION SERVICE
 UNITED STATES DEPARTMENT OF AGRICULTURE
 DETAILED COST AND RETURNS FOR EARLY IRISH POTATOES
 - VIRGINIA -
 Crop Season of 1934

- 100 -

GROWING COSTS:	Average Cost per Acre in Dollars				
	A	B	C	D	E
Use of land-----	\$7.91	\$10.07	\$9.89	\$3.96	\$5.56
Inure and cover crops-----	3.57	6.17	4.78	.26	1.46
Fertilizer-----	24.10	23.92	23.34	26.14	23.12
Lime-----	.29	.36	.38	.17	.10
Seed-----	18.03	16.30	21.03	17.77	13.59
Contract labor cutting seed-----	.52	.37	.69	.40	.56
Spray and dust material-----	.96	1.39	1.01	.66	.61
Man labor-----	2.92	2.78	2.85	3.05	3.13
Horse labor-----	3.69	3.58	3.82	2.88	4.85
Truck use-----	.05	.01	.11	.01	.04
Tractor use-----	.36	.15	.30	.77	.17
Equipment use-----	1.15	1.19	1.50	.75	.89
Interest-----	.56	.55	.68	.27	.74
Total-----	\$64.12	\$66.84	\$70.38	\$57.09	\$54.82
HARVESTING COSTS:					
Man labor-----	.27	.20	.32	.17	.40
Horse work-----	.25	.19	.29	.16	.36
Contract labor picking up potatoes-----	5.48	6.11	7.25	4.02	5.58
Total-----	\$ 6.50	\$ 6.50	\$ 7.86	\$ 4.35	\$ 6.34
MARKETING COSTS:					
Man labor-----	.36	.30	.45	.21	.49
Horse work-----	.06	.05	.07	-	.16
Truck use-----	.03	.04	.06	-	.06
Contract hauling-----	3.05	2.16	3.60	3.79	1.94
Machine grading-----	1.45	.11	.73	4.82	.08
Package cost-----	13.65	14.88	18.38	7.36	9.56
Commissions-----	4.67	4.81	9.10	.25	.11
Deductions for undersize and decay-----	.51	.55	.90	.02	.23
Total-----	\$23.78	\$22.90	\$33.29	\$16.95	\$12.57
Grand Total Cost-----	94.40	96.24	111.53	77.89	73.83
Value of culls sold or fed-----	1.72	2.55	2.11	.11	1.92
Grand total net cost of salable					
No. 1's-----	92.68	93.69	109.42	77.78	71.91
No. 1 potatoes sold-----	70.94	60.32	82.35	61.24	56.83
Loss-----	21.74	33.37	20.07	16.54	15.08
YIELD PER ACRE (165 lb. bbls.)-----	56.4	50.6	67.1	50.6	47.7
COST PER BARREL-----	1.65	1.85	1.63	1.54	1.51
VALUE PER BARREL-----	1.26	1.19	1.33	1.21	1.20
LOSS PER BARREL-----	.39	.66	.30	.33	.31
RETURNS PER HOUR OF MAN LABOR-----	47.04	74.24	40.04	37.74	28.04

County	Number of farms keeping records	Average acres in potato farms	Average tons per acre	Pounds of fertilizer used per acre	Bags (165 lb. bags) of seed used per acre	Hours man labor per acre	Hours horse work per acre
A - State	90	21.4	1925	3.9	38.7	47.5	
B - Accomac	12	14.6	1919	3.7	40.5	49.0	
C - Northampton	22	32.9	1857	4.7	41.2	51.5	
D - Princess Anne	19	23.9	2025	3.3	34.8	35.4	
E - James City	17	16.4	1963	3.5	39.5	54.5	

POTATO FACTS

Eastern Shore, Virginia

Year	Acreage Acres	Yield per acre Per Bu.	Production 1,000 Bu.	Carlot Shipments Cars	Average	Index Aver-	Deflated
					Price Per Bbl. U.S.No. 1 Dollars	age Farm Price June, July and Aug. Percent		Barral Price Dollars
1920	66,000	120	7,900	12,921	9.30	229	4.06
1921	65,000	120	7,800	13,440	3.13	117	2.68
1922	64,000	125	8,000	14,054	3.45	134	2.57
1923	61,000	113	6,893	12,307	4.96	137	3.64
1924	67,000	175	11,725	19,145	2.39	141	1.70
1925	63,000	119	7,259	12,594	4.68	158	3.09
1926	58,000	118	6,844	12,140	3.89	144	2.70
1927	57,000	130	10,530	18,985	3.76	140	2.69
1928	67,000	130	12,730	23,093	1.43	149	.96
1929	54,000	163	9,882	17,652	3.28	147	2.64
1930	65,000	152	9,850	17,683	2.84	123	2.31
1931	61,100	137	8,371	14,333	1.77	85	2.06
1932	47,000	120	5,640	9,823	1.67	62	3.02
1933	42,400	106	4,494	7,642	3.64	78	4.67
1934	51,000	160	8,192	13,549	1.46	90	1.62

Norfolk District, Virginia

Year	Acreage	Yield	Production	Carlot	June & July		Deflated
					Price	Index	
1920	15,500	102	1,561	3,441	10.17	237	4.29
1921	17,000	130	2,210	5,717	2.74	115	2.38
1922	16,500	135	2,228	4,304	3.64	135	2.70
1923	15,700	110	1,727	3,360	4.30	137	3.58
1924	16,000	130	2,080	4,297	2.49	139	1.79
1925	14,800	105	1,554	3,138	4.46	157	2.84
1926	15,500	120	1,860	3,861	3.77	146	2.58
1927	13,500	165	2,228	4,319	4.15	139	2.99
1928	13,500	150	2,025	4,192	1.28	151	.85
1929	10,700	143	1,530	3,146	3.49	145	2.41
1930	12,400	143	1,773	3,765	3.10	126	2.46
1931	11,200	145	1,624	3,264	1.60	86	1.86
1932	7,900	168	1,327	2,695	1.74	61	2.85
1933	7,700	130	1,001	1,961	3.26	77	4.23
1934	8,600	150	1,376	3,134	1.25	87	1.44

1/ Seasonal average obtained from F.O.B. price weighted by daily carload shipments.
 2/ New U.S.D.A. index July 1909 - June 1914 = 100.

EMERGENCY CROP LOAN BORROWERS - 1934

		<u>Loan No.</u>	<u>Amount Approved</u>
Addison, Major	Keller	002871	250.00
Ames, John W.	RI Onancock	012754	250.00
Baines, Robert H.	Painter	002864	150.00
Bennett, Arthur B.	Hicks Neck	001320	250.00
Bennett, Leonard A.	Hicks Neck	001322	250.00
Beecham, Henry J.	New Church	002865	150.00
Bonniwell, Elmer T.	Saxis	001321	200.00
Boggs, David	Creddock- ville	012726	150.00
Brown, Harold L.	Keller	002873	100.00
Bull, James Henry	Mappeburg	003221	250.00
Burroughs, Fred H. and Florence E.	Assawoman	002935	250.00
Eyrd, Leonard F.	Mears	004927	250.00
Campbell, George W.	Maha RI	003219	150.00
Chase, Charlie	Hillwood	003220	100.00
Colons, Wm. H.	Parimley	001318	250.00
Collins, Vernon T.	Messonge	012729	150.00
Collins, Elton T.	Messonge	012730	150.00
Custis, Calvin	Keller	002934	150.00
Dennis, Ernest	Belinda	002931	50.00
Dennis, Will	Saxis	002866	100.00
Dixon, Major T.	RFD Hillwood	001315	125.00
Downing, Geo. T.	Wachapreague	002932	150.00
Drummond, Berry Floyd	Maha, RI	001312	250.00
East, Edgar E.	Oak Hill	001314	250.00

4375.00

EMERGENCY CROP LOAN BORROWERS - 1934

		<u>Loan No.</u>	<u>Amount Approved</u>
Fosque, George T.	RFD Bloxam	028929	250.00
Gaskill, Wm. F.	Bloxam	122944	75.00
Gledding, Brantley T.	Maysville	077015	250.00
Hall, Santa	Iskemie Pk	126459	250.00 (ok canceled)
Holland, R. T.	Pastoria	122946	80.00
Houden, George	Wheatsprague	028933	150.00
Justice, John H.	Modest Town	028930	250.00
Joyner, Marise L.	RI Melfa	056874	250.00
Killman, Kennie	Bucks Beck	122945	100.00
Knox, Joseph Lee	Melfa	056875	150.00
LeCato George T.	Wheatsprague	122943	250.00
LeCato, Arthur H.	Painter	125065	200.00
Lewis, Zadoc R.	Accomac	099573	50.00
Martin, Edward T.	Melfa	011201	150.00
Mapp, George O.	Keller	056872	250.00
Matthews, John W.	Chancock	012731	50.00
Mason, Page E.	Maysburg	012745	250.00
Matthews, Milton	Keller	056870	250.00
Melson, Thomas W.	Accomac	001317	100.00
Moak, Isaac W.	Modest Town	028931	250.00
Northam, Wm. H.	Parkaley	056868	200.00
Northam, Geo. D.	Modest Town	056869	50.00
Hook, A. L.	Hallswood	093847	75.00
Parke, Bessie May & Willie F.	Temperanceville	003217	100.00
Parker, Eva H.	Chancock	012739	100.00

2,576.5.00

EMERGENCY CROP LOAN BORROWERS - 1934

		<u>Loan No.</u>	<u>Amt. Approved</u>
Perks, E. Rose	Pastoria	093890	75.00
Ross, Emma D. & Frank	Hollywood, RI	012740	250.00
Savage, Frisby L.	Painter	003818	250.00
Shreeves, Fred L.	Blaxton	001319	250.00
Simpson, Charlie	Greta	001523	250.00
Sheppard, Fred	Painter	122942	200.00
Snead, John H.	Wachepreague	012733	50.00
Smith, Eddie	Hears	012735	100.00
Stevens, James H.	Harborton	012742	50.00
Taylor, Charles W.	New Church	005730	150.00
Taylor, Harry W.	Withams	012728	250.00
Taylor, Oscar J.	New Church, RI	122947	30.00
Taylor, W. A.	Parkaley	123101	100.00
Tull, Malory	Withams	093849	50.00
Tull, Jesse H.	Hollywood	122949	125.00
West, Richard E.	Keller	093848	195.00
Wilson, Ed C.	Assawoman	012737	100.00
Williams, Tobe W.	Atlantic	012746	100.00
Williams, Ralph C.	Sanford	056863	150.00
Wise, Arthur T.	Creddockville	001315	250.00
Young, John T.	Blaxton	012727	50.00
Young, Gillett	Parkaley, RI	012732	250.00
<u>Full Loan</u>			
Belote, Julius J.	Cumcock, RI	V-144119	100.00

11950.00

VI.

OUTLOOK

The outlook for Extension work in the County is very good—that is, as far as interest and appreciation of Extension work is concerned.

The general agricultural outlook for 1935 is not much brighter than one year ago; in fact, the Irish potato situation, which crop has been the chief source of cash in the County, looks very discouraging, for recent reports indicate that there are between fifteen and twenty thousand ^{more} tons of potatoes in blime at this time than there were a year ago. It is also reported that Florida has increased its potato acreage somewhat.

A special effort is being made to control, or at least hold down, the Irish potato acreage on the Eastern Shore of Virginia and Maryland. Meetings have been held in an effort to acquaint the growers and marketing agencies with the situation and at the same time plans are being made to present an Amendment to the Agricultural Adjustment Act to the coming Congress, whereby Irish potatoes will be made a basic commodity and regulated by a measure similar to the Harr-Smith Tobacco Bill.

The outlook for strawberries in 1935 looks very promising as the acreage in the South and in this section as well has been materially curtailed.

Other cash crops are expected to be about the same as they have been during the past year.

Due to the above circumstances a most strenuous effort will be made to encourage all farmers to adopt a good liberal live-at-home program for 1935.

ACHIEVEMENTS AND PLAN OF WORK FOR ACCOMACK COUNTY

1934

H. M. Nichols, Asst. County Agent

4-R CLUB WORK

I. To have 20 organized clubs (had 21 clubs)	100%
(a) To have 2 older boys organized clubs.	0
(b) To have a plan of work for each club.	100%
(c) To have goals and achievements for each local club.	100%
(d) To have goals and achievements for each demonstration club.	100%
(e) To have a Local Leader for all clubs if possible.	10%
(f) To have a program of instruction for each local club meeting.	100%
(g) To have a separate Boys Club in several schools.	100%
(h) To hold club meetings outside of schools in several communities.	100%
II. Projects.	
(a) Poultry-including (breeding, laying and brooding and rearing) (such special birds as pheasants, pigeons and ducks).	100%
(b) Livestock-including (breeding and fattening of pigs, sheep, calves and rabbits).	100%
(c) Garden - (Home gardens).	100%
(d) Crop - (Irish and sweet potatoes, corn, onions, strawberries, beans and such other crops as could be profitable.)	100%
III. Short Courses.	
(a) Each club to have a representative at Jamestown Camp.	30%
(b) To have a group of boys attend the Ocohamock Camp.	0
(c) To have a representative from each high school club attend the State Short Course	30%
(d) To urge all All-Stars to attend the All-Star Conference at V.F.I. three days previous to State Short Course	10%
(e) To have a tour of Western Virginia visiting V.F.I. during Farmers Institute with other club members.	0

IV. Demonstrations.

- (a) To have a practical project demonstration carried on in each club at least once a quarter 100%
- (b) To organize at least one demonstration team in each club to compete with other teams - the outstanding team to attend State Short Course. 50%
- (c) To have a paper prepared and read by a club member upon one of the projects carried, at least once a month. 50%
- (d) To have different clubs to visit Experiment Station. 45%
- (e) To have some competition among the various project clubs. 10%
- (f) To have as much handicraft work on exhibit at County Fair as possible - all to bear directly upon some project demonstration of the year. 30%

V. Exhibits.

- (a) To have a better and larger showing of crop exhibits at State Fair. 50%
- (b) To have a larger number of garden, crop, poultry and livestock exhibits at County Agricultural Fair. 75%
- (c) To have corn exhibits at the Virginia Corn and Grain Show. 0
- (d) To have moving pictures taken of the Exhibitors and exhibits at County Fair. 100%

VI. Club Activities.

- (a) To have a County-wide Rally. 100%
- (b) To have individual club picnics. 100%
- (c) To hold a County Council meeting 100%
- (d) To hold an Eastern Shore All-Star Conference 100%
- (e) To raise all money needed for club activities in county. 100%
- (f) To have a goal of 100 percent completion of project work and record books. 87%
- (g) To hold an Achievement Day. 100%
- (h) To continue to raise some money toward building of a County Agents office building 0
- (i) To build up a true spirit of cooperation, loyalty, and intelligent labor within each local community club, both from the standpoint of the parents and boys and girls; thus bringing about a strong healthy morale within the County Unit. 100%

4-H CLUB WORK - 1934.

1. Introduction.

During the year 1934 the total 4-H boys enrollment was 21 with 281 organized clubs. Working with these boys was a great privilege as well as a pleasure. Because of the A.A.A. program much of which was carried on entirely by the agent, the time and personal attention of club work had to be left to Leaders and older club members. This group did an outstanding piece of club work, so much so, that completions were more than past years.

2. Change in Club Locations.

Since club work has been established in Accomack County, all clubs have been organized and meetings held in the schools, but after several consultations by agents, it was decided to drop certain clubs in school and organize local community clubs. This was attempted during the year, but with not much success. No new schools were reached. Individuals from various communities were grouped together and some good meetings held. No clubs were formed in these communities. However, during 1935 this plan will be perfected.

3. Projects Offered.

Projects offered were about the same as in 1933. We did however, stress the garden project more than others. The following were most suitable: garden, poultry, livestock (fat pigs and breeding pigs, sheep, calves and rabbits) crop, (Irish potatoes, sweet potatoes, beans, berries, onions and

mellons.) These projects have on the whole been carried on by the Boys of the County.

4. Accomack County 4-H Council.

The 4-H County Council met Saturday, December 16th consisting of All Stars, Officers and Leaders of the local 4-H Clubs in the county. The object of the meeting was to review last year's work and to lay plans for 1934. Officers were elected as follows: President, Rogers Hickman, Central Club; Vice-President, Frances Taylor, Accomack Club; Secretary, Marguerite West, Bloxom Club; Reporter, Verna Cropper, Accomack Club; Pianist, Mary Strong, Onancock Club; Song Leader, Hortense Kelley, New Church Club; Cheer Leader, Mason Savage, New Church Club.

The Council recommended that a bronze plaque be presented the Melfa Club as the outstanding club in the County for 1933. The plaque will be held for a year and will be passed on to the outstanding club each year until one club has won it three times after which it becomes the permanent property of said club. The council recommended that each local 4-H Club have a plan of work, goals and programs for the year. The following score card was decided upon to be recommended to each club during 1934.

- Points 15 - Program for year with the club agents before February 1st.
" 15 - Percentage of club members attending meetings.
" 10 - Part taken by club in community service and activities.
" 25 - Percentage of club meetings completing projects and submitting records by October 1st.
" 15 - Percentage of club members exhibiting at the County Fair.
" 20 - Club secretary's record book complete and submit by October 1st.

Each 4-H Club in Accomack County will be scored in the fall, using scale of points to determine the most outstanding clubs.

The following are the goals recommended to the local 4-H Clubs:

- Points 25 - Project record book.
" 10 - Community work accomplished.
" 10 - Public programs.
" 10 - Exhibits at County Fair.
" 10 - Attendance at Achievement Day.
" 10 - Attendance at County Rally.
" 10 - Club Leader.
" 10 - Monthly programs.
" 10 - Representatives at 4-H Camps.

It was also recommended that all clubs cooperate with the County Fair officials in keeping the Agricultural Fair the outstanding County Fair in the State. Cooperation was recommended between Northampton and Accomack Counties in an Eastern Shore 4-H Camp. After other matters of business were considered the meeting adjourned.

The Agent with the assistance of Mr. H. M. Mears, Foreman of the Eastern Shore Branch, Experiment Station, Onley, worked out certain goals to be recommended to the various clubs in the county.

COOPERATIVE EXTENSION WORK
IN
AGRICULTURE AND HOME ECONOMICS
STATE OF VIRGINIA

VIRGINIA AGRICULTURAL AND MECHANICAL
COLLEGE AND POLYTECHNIC INSTITUTE
AND UNITED STATES DEPARTMENT OF
AGRICULTURE, COOPERATING

EXTENSION SERVICE
COUNTY AGENT WORK

Onley, Virginia
October 17, 1934

Dear Club Member:

Enclosed you will find a questionnaire. If you have your project record book up to date, just copy from it, answer in g. such questions as pertain to your project on the questionnaire. If you have lost or destroyed your project record book, you can answer the questions on the questionnaire from memory.

As this is the close of the 4-H year, I am depending on you to send your record to me as I must make up my reports the first of November.

If you have your record book, please answer the questions on the questionnaire and put both book and questionnaire in the enclosed envelope which requires no postage.

Thanking you for your loyalty during this year, I am

Sincerely yours,

H. M. Nichols

H. M. Nichols
Asst. County Agent.

HSM-p

4-H PROJECT RECORD QUESTIONNAIRE

POULTRY QUESTIONS: including chickens, ducks, geese, turkeys, pigeons

Number of eggs set _____ Cost of eggs _____ No. of eggs hatched _____
Number of day old chicks bought _____ No. of all chicks raised _____
Cost of feed used _____ Other costs _____ Total expenditures _____
Total value of fowl sold or used _____ Total receipts _____
Did you exhibit at fair? _____ Value of prizes _____
Did you exhibit eggs at fair? _____ Value of prizes _____

LIVE-STOCK QUESTIONS: including breeding pigs, fat pigs, sheep
calves, rabbits.

Number of animals at beginning of year _____ No. at end of year _____
Value of animals at beginning of year _____ Value now on hand _____
Value of animals sold or used at home _____ Breed of animals _____
Cost of food _____ Other costs _____ Total expenses _____
Did you exhibit animals at fair? _____ Value of prizes won _____

CROP QUESTIONS: including Irish & sweet potatoes, beans, corn etc.

Kind of Crop _____ Number of acres _____ Cost of seed _____ Other costs _____
Total Yield in bushels, barrels, tons _____ Value of crop sold _____
Total value of crop now on hand _____ Total expenses _____ Total Assets _____
Did you exhibit at fair? _____ Value of prizes won _____

GARDEN QUESTIONS:

Total number of vegetables planted _____ Total cost of seed _____
Total cost of fertilizer & labor _____ Total expense _____
Value of vegetables sold or used at home _____ Value on hand _____
Did you exhibit at the fair? _____ Value of prizes won _____

NAME _____ ADDRESS _____

What CLUB do you belong? _____

Will you attend 4-H Achievement Day Supper? _____

Poultry Club Project.

1. To choose standard breed of birds.
2. To select choice eggs.
3. To house them in a clean well ventilated and properly lighted house.
4. To feed carefully and according to best information. If egg laying project - feed only approved brand of growing mash, under no conditions do not change feed. For setting hens - keep nests free from lice and draughts. If chicks are bought - buy only from certified or approved hatcheries. Study market prices before selling.
5. To keep separate from other flocks on the farm.
6. To keep an accurate daily egg, cost and receipt record.
7. To return record books at end of 4-H year October 31st.
8. To exhibit eggs or birds at County Fair if worthy.
9. To attend all club meetings - regular and special.
10. To take part on programs whenever requested.

Crop Club Project.

1. To select kind of crop to raise as early in season as possible.
2. To plant $\frac{1}{2}$ acre or more of land.
3. To properly prepare soil early for planting.
4. To use approved kind and amount of fertilizer.
5. To have soil tested for its lime requirement previous to planting.
6. To use best kind of seed (certified if possible).
7. To cultivate often enough to keep down weeds and to conserve moisture.
8. To harvest carefully and place on market cooperatively if possible.
9. To keep an accurate record of receipts and expenses.
10. To hand in a record book at close of club year October 31st.
11. To attend all regular and special club meetings.
12. To take part in club programs whenever possible, and requested.
13. To exhibit at County and State Fairs.

COOPERATIVE EXTENSION WORK IN AGRICULTURE AND HOME ECONOMICS
State of Virginia, Va. A. & M. College & Poly. Institute and U.S.D.A. Cooperating Extension Service.

Onley, Virginia,
November 5, 1934.

Dear Club Member:

On October 17th I sent you a letter enclosing a questionnaire which I requested you to fill out and return at once. Upon checking up I find you have not returned your questionnaire.

Therefore please sit down now and fill in the blanks below. Don't forget to sign your name at bottom of page. Return to me at once in the enclosed envelope.

Very truly yours,
H. M. Nichols
H. M. Nichols
Asst. County Agent.

HMN:B

4-H PROJECT RECORD QUESTIONNAIRE

POULTRY QUESTIONS: including chickens, ducks, geese, turkeys & pigeons.

Number of eggs set _____ Cost of eggs _____ No. of eggs hatched _____
Number of day old chicks bought _____ No. of all chicks raised _____
Cost of feed used _____ Other costs _____ Total expenditures _____
Total value of fowl sold or used _____ Total receipts _____
Did you exhibit at Fair? _____ Value of prizes won _____
Did you exhibit eggs at Fair? _____ Value of prizes won _____

LIVE-STOCK QUESTIONS: including breeding pigs, fat pigs, sheep calves, rabbits.

Number of animals at beginning of year _____ No. at end of year _____
Value of animals at beginning of year _____ Value now on hand _____
Value of animals sold or used at home _____ Breed of animals _____
Cost of feed _____ Other costs _____ Total expenses _____
Did you exhibit animals at Fair? _____ Value of prizes won _____

CROP QUESTIONS: Including Irish & sweet potatoes, beans, corn etc.

Kind of crop _____ Number of acres _____ Cost of seed _____ Other costs _____
Total yield in bushels, barrels, tons _____ Value of crop sold _____
Total value of crop now on hand _____ Total expenses _____ Assets _____
Did you exhibit at fair? _____ Value of prizes won _____

GARDEN QUESTIONS:

Total number of vegetables planted _____ Total cost of seed _____
Total cost of fertilizer & labor _____ Total expense _____
Value of vegetables sold or used at home _____ Value on hand _____
Did you exhibit at the fair? _____ Value of prizes won _____

NAME _____ ADDRESS _____
What CLUB do you belong? _____

Garden Club Project

1. To select a level and productive piece of land.
2. To properly prepare the land for planting.
3. To make a planting plan of the garden.
4. To select seed (new stock - not old)
5. To plant seed according to chart provided by Agent.
6. To cultivate often enough to keep down weeds and conserve moisture.
7. To keep garden well stocked with vegetables.
8. To have a year around garden.
9. To exhibit at County and State Fairs.
10. To keep an accurate record of cost, work and receipts.
11. To attend all regular and special club meetings.
12. To hand record books in at end of 4-H Club year - October 31st.
13. To take part on all programs when requested.

5.(a) CAMPS, SHORT COURSE AND NATIONAL 4-H CAMP		
No. Clubs Represented	No members Attending	No. Leaders Attending
Jamestown -2	4	Agent
State, V.P.I.-4	6	1
National D.C.-1	1 (3 visitors)	Agent

The Eleventh Annual 4-H Club Encampment was held at Jamestown, August 13-18. Because of the financial condition of our farmers, there were only four boys to attend the camp. These boys with their agent joined with the Northampton County group. We traveled in a truck driven by County Agent, John Ed. Tankard. Had a splendid trip to camp, stopping at Yorktown for dinner.

COOPERATIVE EXTENSION WORK
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VIRGINIA AGRICULTURAL AND MECHANICAL
COLLEGE AND POLYTECHNIC INSTITUTE
AND UNITED STATES DEPARTMENT OF
AGRICULTURE, COOPERATING

EXTENSION SERVICE
COUNTY AGENT WORK

Onley, Virginia,
April 13, 1934.

My dear 4-H Club member:

As you know it is now time to plant your garden and early crops. I am, therefore, sending you some garden and crop information.

If you study this material you will find the kinds of vegetables to plant, time to plant and the depth and width to plant them.

I will surely trust you buckle down with a zest to do your best this year, so as to have a good record to show while attending our camps and short courses. Even your exhibit at the fair is practically based on your home project.

Keep all information of work done and cost of same in your record book. (If you do not have a record book, write this information on paper until I can give you a book.)

Trusting this will be your best 4-H Club year, and with best wishes, I am

Very truly yours,

H. M. Nichols,

H. M. Nichols,
Onley County Agent.

EM:JVC

15,654 COOPERATIVE EXTENSION WORK IN AGRICULTURE AND HOME ECONOMICS
State of Virginia, Va. A & M College-Y Poly. Inst. & U.S.D.A. Cooperating
EXTENSION SERVICE

August Suggestions for Garden Club Leaders and Gardeners

August should be an exceptionally busy month in the garden. The summer garden will soon be a thing of the past but everyone can have a good fall and winter garden. Now is the time to plan for and plant that garden. Recent rains throughout the state have made the prospect for fall gardens most encouraging. Cash crops have in many instances sold at a loss, but no farmer need lack a bountiful supply of vegetables for fall and winter use. It all rests with the gardeners.

Planting. Beans, beets, kale, lettuce, mustard, radishes, spinach, Swiss chard, turnips, and turnip salad may be planted in all sections of the state. Carrots, collards and corn may be planted in Tidewater and Middle Virginia. Cabbage, tomato and celery plants may be set in the same section. A variety of vegetables for the fall garden may still be planted in every section of the state. Refer to the July garden letter or to V.P.I. Circular E-263, Vegetable Gardening Suggestions for Virginia Farmers, for planting dates. If you do not have either of these, get in touch with me, or write direct to the Vegetable Garden Service, Extension Division, Blacksburg, Va.

Sow the seed thickly in order to insure a good stand. Mulching the row with well rotted stable manure, woods mold, sawdust or woodpile dirt will also help to obtain a stand. Firm the soil after planting. After the plants are up, do not neglect to thin them. Give the vegetables room to grow and develop properly. You cannot grow two beets or any other vegetable where only one is supposed to grow. Both size and quality are injured by crowding.

Soil Preparation. Prepare the soil thoroughly before planting. Break up all clods and lumps.

Cultivation. At least 50% of the labor in gardening can easily be eliminated by proper cultivation at the right time. It takes just as much plant food and moisture to grow a good crop of weeds as to grow a good crop of vegetables. Weeds rob your vegetables of this food and moisture. Destroy them before the injury is done. The time to kill a weed is when it is small, before it gets a start.

Practice frequent, shallow cultivation. Do not cultivate when the foliage is wet.

Fertilization. Use a fertilizer analyzing from 4% to 6% nitrogen; 8% to 12% phosphorus; and 5% potash. In Eastern Virginia a 6-6-5 is recommended; in other sections of the state, a 5-8-5 or 4-12-4.

If no fertilizer has been applied to the land, use 1000 pounds per acre (25 pounds per 1000 square feet). If a good application of fertilizer has been made for the spring crop, this amount may be reduced from one-third to one-half.

On all crops except beans the fertilizer should be put in the row and thoroughly mixed with the soil. On beans the fertilizer should be placed along the row after the beans are up and cultivated in.

Watering. Do not water the garden unless you give the soil a thorough soaking. Sprinkling does more harm than good.

Chewing insects. Chewing insects, as the name implies, eat portions of the plant. Among the more common chewing insects are the Mexican bean beetle, potato beetle, cabbage worm and others. They may be controlled by spraying or dusting with magnesium arsenate in these proportions: Spray - magnesium arsenate 5 level tablespoonfuls; water, 3 gallons. Dust - magnesium arsenate, 1 part; hydrated lime, 3 parts. Place the poison where the insect feeds, which is usually on the undersides of the leaves. Thoroughness is essential for control. Start spraying or dusting when the insect first appears.

Sucking insects. Sucking insects, such as aphids or plant lice, injure the plant by sucking the juice from the leaves, causing them to yellow and curl. They may be controlled by spraying with Black Leaf 40 (nicotine sulphate) in these proportions: nicotine sulphate, 1/2 teaspoonfuls; soap, 1-inch cube; water, 1 gallon. Remember it is necessary that the spray hit a sucking insect to kill it. Thoroughness, as well as timeliness, is essential. A satisfactory homemade tobacco spray may be prepared by soaking a pound of tobacco stems, stalks, etc., in a gallon of water for 24 hours and spraying with the resultant mixture. Fairly good results may also be secured by spraying with a soap solution made by dissolving a 1-inch cube of hard laundry soap in a quart of water.

6/2/34

15,797 COOPERATIVE EXTENSION WORK IN AGRICULTURE AND HOME ECONOMICS
State of Virginia, Va. A & M College & Poly. Inst. & U.S.B.A. Cooperating
EXTENSION SERVICE

June Suggestions for Garden Club Leaders

Cultivation. At least 50% of the labor in gardening could easily be eliminated by proper cultivation at the right time. Weeds rob your vegetables of food and moisture. Destroy them before the injury is done. Practice thorough, frequent, shallow cultivation. Do not cultivate when the foliage is wet.

Thinning. Give the vegetables room to grow and develop properly. All sow seed rather thickly in order to secure a good stand. Many fail to realize, however, the importance of thinning. You cannot grow two beets or any other vegetable where only one is supposed to grow. Both size and quality are injured by crowding. Beets, carrots, parsnips, salsify, and turnips should be thinned to approximately 4-5 inches in the row; leaf lettuce, 6-8 inches, head lettuce, 8-10 inches; Swiss chard and kale, 12-18 inches. In thinning, such vegetables as lettuce, beets, Swiss chard, kale, etc. may be transplanted to another place in the garden.

Watering. Do not water the garden unless you give it a thorough sprinkling the surface causes more harm than good.

Fertilization. If your vegetables are not growing properly, sidedress them with nitrate of soda or sulphate of ammonia at the rate of 150 to 200 pounds per acre (approximately 3 to 5 pounds per 1000 square feet). The material should be distributed along the row, not closer than 3 or 4 inches to the base of the plant, and cultivated in. Care should be taken that the material does not come in contact with the plant foliage or burning will result.

A complete fertilizer such as a 5-8-5 or a 4-12-4 may be used as a side dressing if you have no nitrate or sulphate on hand. Poultry manure may also be used to advantage.

Chewing Insects. Chewing insects, as the name implies, eat portions of the plant. Among the more common chewing insects are the Mexican bean beetle, potato beetle, cabbage worm and others. They may be controlled by spraying or dusting with magnesium arsenate in these proportions: Spray - magnesium arsenate 5 level tablespoons; water, 3 gallons. Dust - magnesium arsenate, 1 part; hydrated lime, 3 parts. Place the poison where the insect feeds, which is usually on the undersides of the leaves. Thoroughness is essential for control. Start spraying or dusting when the insect first appears.

Sucking Insects. Sucking insects, such as aphids or plant lice, injure the plant by sucking the juice from the leaves and causing them to yellow and curl. They may be controlled by spraying with Black Leaf 40 (nicotine sulphate) in these proportions: nicotine sulphate, 1 1/2 teaspoonsful; soap, 1-inch cube; water, 1 gallon. Remember it is necessary that the spray hit a sucking insect to kill it. Thoroughness, as well as timeliness, is essential. A satisfactory household tobacco spray may be prepared by soaking a pound of tobacco stems, stalks, etc. in a gallon of water for 24 hours and spraying with the resultant mixture. Fairly good results may also be secured by spraying with a soap solution made by dissolving a 1-inch cube of hard laundry soap in a quart of water.

The squash stink bug in its younger stages may be killed by spraying with Black Leaf 40. The adults must be hand picked or trapped. If a board or shingle is placed under the plant, the insects will collect underneath it at night. They can then be killed in the early morning. The European cabbage bug may also be killed in its younger stages by spraying with Black Leaf 40. Adults must be controlled by hand picking.

Blights. Many of our worst garden diseases of tomatoes, potatoes, cucumbers, cantaloupes, etc. may be controlled by spraying with Bordeaux mixture made up in these proportions: bluestone (copper sulphate) 4 ounces; rock lime, 4 ounces; water, 3 gallons. Dissolve the bluestone in a small amount of hot water and add water to make 1 1/2 gallons. Dissolve the lime in a small amount of water and then add water to make 1 1/2 gallons. Pour the two solutions together just before spraying. Magnesium arsenate and Black Leaf 40 may be combined with Bordeaux mixture if either chewing or sucking insects are present.

Fall Garden. Begin planning for your fall garden now. Beans, beets, cabbage, carrots, kale, lettuce, Swiss chard, turnips, and turnip salad, should all appear in the fall garden. If these vegetables are to be available this fall and winter, they must be planted from June to August, depending on the vegetable and the section of the state. Secure your seed now. Vegetables for fall and winter are the real test of a good gardener.

There were nearly 150 4-H'ers attending camp, most of which were from the Northern Neck of Virginia. A new but very friendly and congenial group. County Agent Tankard was Camp Master or Director. Having been his first time to attend the camp, he relied upon the wisdom and experience of the other agents to carry out most of the program for the week. However, because of his winsome personality, he very soon won the admiration and attendance of the entire group. As in the past, the program consisted of good things to eat, sleep, exercise and instruction in Poultry, Social Customs, Farm Engineering, Gardening, Handiwork, and Leaders Conferences.

During our stay in camp, one half day was given to a sight-seeing tour to Williamsburg. There were over a hundred boys and girls and their leaders and agents who went along. We visited several of the more completed buildings and toured the town at large. This was beyond doubt the outstanding trip of the week. Miss Mable Massey, Home Demonstration Agent was in charge of the party.

On the way home, the Northampton and Accomack groups were treated to a visit of the Air Craft Carrier, Lexington, U. S. Navy. The boys and girls thoroughly enjoyed the hour spent inspecting this ship. There being no other outstanding events we arrived home about eight o'clock that evening.

COOPERATIVE EXTENSION WORK
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AGRICULTURE, COOPERATION

EXTENSION SERVICE
COUNTY AGENT WORK

Onley, Virginia,
June 27, 1934.

Dear Club Member:

This is the time of year that all club members are looking forward to the 4-H Short Course and Camps. There are three great events offered for the consideration of Accomack County 4-H club members this summer.

The first of these is the County Rally. This is to be held at the Experiment Station, Thursday, July 12th., from 1:30 to 5:00 P. M. A Picnic lunch will be the only requirement for each member. At this time we are expecting to have every club represented. Surely, every club member should attend this event. You will want to hear Spencer Rogers Hickman, Jr., the 4-H boy who represented his state at the National 4-H Encampment in Washington D. C. There will also be other speakers, not long speeches, but the kind young folks enjoy. Can't you plan to attend?

The Jamestown 4-H Camp, will be held August 13-18th. As you know, Accomack County 4-H'ers own two cottages. Each of these can house about thirty young folks. This year, we hope to take a larger group of boys and girls than last. As to the boys, all who have worked their project and entered same to date in record book, and have shown some degree of interest in club work will be considered eligible. The cost of this trip will be \$9.00. This includes transportation and board for the week. If you are interested please let me know.

The State Short Course will be held July 23-28th. The boys eligible for the Short Course must be at least 14 years of age. They must also have completed their project work to date and entered same in record books. The agents reserve the right to choose those who attend. If you are interested in attending please get in touch with me at once. The cost will be five dollars for board and seven dollars for transportation.

Trusting you are planning at least one of these 4-H events, I am

Very truly yours,

H. M. Nichols
H. M. Nichols,
Asst. County Agent.

FBN:E

COOPERATIVE EXTENSION WORK IN AGRICULTURE & HOME ECONOMICS STATE OF
VIRGINIA, VA. AGRIC. & MECH. COLLEGE & POLY. INST. & U.S.D.A.
Cooperating.

- 116 b. -



Onley, Virginia,
August 3, 1934.

Dear Club Member:

I wrote you on July 5th that the JAMESTOWN 4-H CAMP will be held AUGUST 13-16th, and to date none of you have written to say you were going.

As you know, Accomack County 4-H'ers own two cottages. Each of these can house about thirty young folks. This year, we want to take a larger group of boys and girls than last.

Therefore, if you have worked your project and entered same to date in record book, you will be considered eligible. The cost of this trip will be \$9.00. This includes transportation and board for the week.

If you can go, please write your name and address at bottom of this letter and return to me at once in the enclosed envelope which requires no postage. If you can go, I will write or come to see you.

I am Hoping you will make every effort to go with us,

Sincerely yours,
H. M. Nichols
H. M. Nichols,
Asst. County Agent.

HMN:E

NAME _____

ADDRESS _____

AGE _____

5. (b) State Short Course

There were six 4-H club members, one leader and the agent to attend the State Short Course at V.P.I. July 24-29. This delegation made the trip in cars. Many interesting sights were taken in on the way. Again Accomack County brought back another All Star. The Short Course was enjoyed by all who attended, especially the boys who took farm engineering. One of the boys returned to rebuild his father's farm machinery during his leisure time last winter.

5. (c) National 4-H Camp
June 14-20.

For the first time since 4-H Club work has been in Accomack County, there has been an outstanding State Boy chosen. Spencer Rogers Hickman, Central High School Club was chosen as one of the two outstanding boys in the State of Virginia. This not only was an honor to him but brought much joy to the heart of the agent, who for the last six years has been working to make a state candidate in some contest.

Rogers was carried to Washington by the agent, who took three other 4-H Boys along. All four of these boys were given the trip as a graduation gift from the agent. The week in Washington alone meant much to the boys. But of course, Rogers, as we call him, really saw and heard more. He brought back a glowing report, which was read at the County Rally, Achievement Day and before several Clubs and Community Leagues. He also wrote a

news article concerning the National Camp. Rogers, is a real 4-H leader and will in 1935 assume the leadership of his local club.

6. County-wide 4-H Rally and Picnic

The Annual 4-H Rally was held at the Experiment Station again this year on Thursday afternoon, July 12th. The program is as follows:

Contestants	Health Contest
Song	America
Flag Salute	
Club Pledge	
Purpose of Meeting	Miss Doratha Paradise
Song	Friendship Song
Demonstrations & Judging	
Song	Field Song
Report of National Encampment	Rogers Hickman
Tells	
Announcing the Contest	
Winners	Miss Sylvia Slocum
Song	Song of Health
Picnic Lunch	

Buster Guy, and Bobbie Sturgis of Central Club gave a demonstration on grading and packing eggs. They will attend the State Short Course with their transportation paid by the agent for winning first place in the county, in this contest.

Contests for club members below 14 years of age were held in Health. The boy who won first place was, Hayward Waters, Melfa Club; Second, Billy Jacobs, Onley Club; third, Charles Finney Rogers, Melfa Club.

4 - H CLUB RALLY.

July 12, 1934.
at
3:00 P.M.

Contestants.....Physical Examination.
Contestants.....Correct Dregs.
Song.....America.
Flag Salute
Club Pledge
Welcome.....W. O. Strong.
Purpose of Meeting.....Miss Doratha Parade.
Song.....Friendship Song.
Demonstrations & Judging.
Song.....Field Song.
Report of National Encampment.....Rogers Hickman.
Yell.
Announcing the Contests' Winners.....Miss Sylvia Slocum.
Announcements.
Song.....Song of Health
Games
Picnic Lunch.

COOPERATIVE EXTENSION WORK
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AND UNITED STATES DEPARTMENT OF
AGRICULTURE, COOPERATING

EXTENSION SERVICE
COUNTY AGENT WORK

Onley, Virginia,
July 5, 1934.

Dear Club Member:

The 4-H Club Rally Day program will be held at the Experiment Station, Onley, on Thursday afternoon, July 12th from 3:00 to 6:30 P. M. Please be present and take part in the program.

Girls can enter the food judging contest and correct dress contests for school, church and sports. Five pointers can enter the health contest. If a winner is 14 years of age she can attend the state contest at the State Short Course in Blacksburg.

Boys can enter the correct dress contest, health contest and egg grading contest.

A part of the expenses of county winners will be paid.

Whether you take part in a contest or not, try to attend the Rally. Girls have an opportunity to win some extra points.

Bring a picnic lunch. This will be spread on a long table by a committee. Also bring a dime. Drinks will be furnished.

With best wishes and looking forward to seeing you, we are

Sincerely,

W. M. Miller
Home Demonstration Agent

H. M. Nichols
Assistant County Agent

Mrs. Will Ross, Accomac and Miss Sylvia Slocum, District Home Demonstration Agent, Richmond, Va. served as judges in the contests. Hortense Kelley, County song leader lead the singing.

7. Accomack County 4-H Club Council

The 4-H Council met at the Experiment Station on Tuesday, June 19th. Plans for Selection Day, Camp, State Short Course and the Keller Fair were discussed.

The 4-H Department at the Keller Fair was discussed and the catalogue raised to fit the 1934 projects.

As the 4-H Council meeting was held immediately after ^{the} Potato Tour, a committee from the council sold soft drinks and candy at the Tour meeting. The profit was \$5.24. The money was used to help defry expenses for outstanding club members who attended the state short course July 23-28th. Miss Nancy Mason, Bloxom Club, Miss Mary Strong and W. O. Strong Jr., Onancock Club had charge of the booth.

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AGRICULTURE, COOPERATION

EXTENSION SERVICE
COUNTY AGENT WORK

Onley, Virginia,
August 1, 1934.

4-H CLUB OFFICERS

Dear Club Officer:

Since our council treasurer is almost depleted a few of us have been trying to work out some plans for making money at Keller Fair. We have decided to ask each club to donate at least two pints of jam or preserves to sell. A committee will repack these into small jars which will be sold in the Extension Building.

Please find somebody in your club who will give a jar of preserves. Paste the person's name on the bottom of the jar, so it can be returned and get these preserves to our office, or to your leader's house as soon as possible.

We can use - strawberries, blackberries, huckleberries or figs.

Please look over the premium list in the fair catalog as soon as it is out and select your best product for the fair.

With best wishes, we are

Sincerely yours,

Nora Miller
Home Dem. Agent.

H. M. Nichols
Asst. County Agent.

E.

- 119 b. -

COOPERATIVE EXTENSION WORK
IN
AGRICULTURE AND HOME ECONOMICS
STATE OF VIRGINIA

GENERAL AGRICULTURAL AND MECHANICAL
COLLEGE AND POLYTECHNIC INSTITUTE
AN AGRICULTURAL EXPERIMENT STATION
OF THE UNITED STATES DEPARTMENT OF
AGRICULTURE, COLLEGE STATION

EXTENSION SERVICE
COUNTY AGENT WORK

Onley, Virginia,
June 15, 1934.

Dear Club Officer:

The 4-H Council will meet at the Experiment Station office on Tuesday, June 19th at 3:00 P. M. immediately after the Potato Tour program.

Plans will be made for the Rally Day, Camp and Fair. Please be present. If you are a club secretary, bring a brief report of the work of your club this year.

With best wishes and hoping to see you,
we are

Sincerely yours,

Novel Miller
Home Dem. Agent.

H. M. Nichols
Asst. County Agent.

B.

8. Achievement Day.

The Accomack County 4-H Club Achievement Program was held at a banquet in the Parkesley School Lunchroom on Friday evening, October 26. The attendance was 110 club members, leaders and parents. A green and white color scheme was carried out with candles and ivy around table centerpieces of winning exhibits of canned fruits and vegetables. The favors were hand blocked 4-H program booklets.

The menu consisted of meat, cheese and vegetable sandwiches, pickle, potato salad and cookies.

The program was as follows:

Toastmistress	- Ethelyne Broughton
Song leader	- Hortense Kelley
Friendship Song	
Introductions	
Grace Song	
State Short Course	- Nancy Mason
National 4-H Camp	- Roger Hickman
Music	- John Barile
Club Reports, Songs, Yells	
Song of Health	
Talk - Jno. E. Tankard, Co. Agt. Northampton Co.	
Fair Prizes	- H. E. Mears
Acceptance	- Laura E. Silverthorn
Achievement Awards	- Worn Miller
Awarding Club Trophy	- H. M. Nichols
Candle Lighting Services	
Follow The Glean	

Miss Ethelyne Broughton as toastmistress opened the program with a history of 4-H work in the county. John E. Tankard, Northampton County Agent discussed the

COOPERATIVE EXTENSION WORK
IN
AGRICULTURE AND HOME ECONOMICS
STATE OF VIRGINIA

VIRGINIA AGRICULTURAL AND MECHANICAL
COLLEGE AND POLYTECHNIC INSTITUTE
AND UNITED STATES DEPARTMENT OF
AGRICULTURE, COOPERATING

EXTENSION SERVICE
COUNTY AGENT WORK

Onley, Virginia
October 17, 1934

Dear Club Member:

The 4-H Achievement Program will be held at the Parkaley School on Friday, October 26, from 5.45 to 8.00 p. m. If you hand in your 1934 record, consider this an invitation for you and your parents to attend.

Bring the following articles of food for supper:

Meat or cheese sandwiches
Vegetable sandwiches
Pickles
Cookies

Potatoes have been donated for salad and one club will make it. The supper will be served and the program held at the table.

Please let your leader or club secretary know if you will be present and if your parents will come with you.

Sincerely yours,

Rona Miller
Rona Miller, Home Dem. Agent
N. M. Nichols
H. M. Nichols, Asst. Co. Agent

value of personal achievement in developing character. Miss Nancy Mason reported on the 1934 state short course and Roger Hickman told of his trip to the National Club Camp in Washington, D. C. where he was a delegate from Virginia. H. E. Mears, Fair Secretary awarded \$107.00 to forty-five club members for winning exhibits. John Barile rendered several numbers on the saxophone.

The trophy for the championship club for 1934 was won by the Welfa Club. The program was closed with candle lighting services led by the All Stars. They were: Miss Ethelyne Broughton, Miss Jennie Benton Mapp of Northampton County, Stewart Deltrick and Roger Hickman.

9. County and State Fairs.

Early Monday morning, August 27th a large group of 4-H boys and girls met at the County Fair grounds with the county agents to compete changes in the Exhibit Hall.

The Extension Building on the fair grounds was rearranged and decorated for the 1934 fair. The color scheme of green and white was carried out. Ten booths were arranged with uniform petitions and indirect lights. The walls were draped with osanburg and osanburg curtains were used at the windows. Since the osanburg was bought in quantity from a Bag Company the new decoration was inexpensive. Too, the draperies made an attractive background for the exhibits.

The 4-H boys exhibited Poultry, Livestock, (breeding pigs, fattening pigs, calves, rabbits and sheep); garden and crop especially corn. There were four booths placed by the County Council, Girls Canning Booth, Handicraft Booth, Poultry Feeding Method Booth, and Garden Booth. Prizes were awarded to all four from the stand-point of education.

Eighty-nine prizes were won by members of the 4-H Clubs in Accomack County making a total of \$135.00.

One boy from Accomack County exhibited Irish and Sweet Potatoes at the State Fair. He won first prize on Sweet Potatoes, third prize in Irish potatoes and fifth prize on Sweet Potatoes amounting to a total of \$12.00. Owing to the distance and cost it is impossible to interest many of our club members to exhibit at the State Fair.

PLAN OF WORK FOR ACCOMACK COUNTY
1936

H. M. Nichols, Asst. Co. Agent

4-H CLUB WORK

I. To have 20 organized clubs.

- (a) To have an older boys' club.
- (b) To have a plan of work for each club.
- (c) To have goals and achievements for each demonstration club.
- (d) To have goals and achievements for each local club.
- (e) To have a local leader or older club member to assume leadership for each club.
- (f) To continue having separate Boys Clubs in several schools.
- (g) To have a program and some project instruction at each meeting.
- (h) To gradually organize clubs outside of schools.

II. Projects.

- (a) Poultry - including (breeding, laying, brooding and rearing).
- (b) Livestock - including (breeding and fattening pigs) sheep, calves, and rabbits.
- (c) Garden - home vegetables.
- (d) Crop - Irish and sweet potatoes, beans (string and pole) onions, sweet corn, field corn, strawberries and a few other crops that could be made profitable.

III. Short Courses

- (a) To seek to have the outstanding boys from each Club attend Jamestown 4-H Camp.
- (b) To have at least five outstanding High School Club boys attend the State Short Course.
- (c) To have at least three All Star boys to attend All Star Conference and State Short Course.
- (d) To have at least three of the older Boy's Club attend Farmers Institute at V.P.I.

IV. Demonstrations

- (a) To have a practical project demonstration carried on in each club at least once a quarter.
- (b) To organize a demonstration team in every club.
- (c) To have a paper prepared and read by some club member at least once a month.
- (d) To have some boys from every Club in County to visit the Virginia Experiment Station at Onley at least once during growing season.
- (e) To encourage handicraft work as a hobby, all to bear directly upon some project demonstration of the year.

V. Exhibits

- (a) To have a larger and better showing of club exhibits at both the County and State Fair.
- (b) To have if possible corn exhibits at the Virginia Corn and Grain Show.
- (c) To have pictures taken of each club and groups at Fairs, Camps, Short Course, Hallies etc.

VI. Club Activities

- (a) To have a county-wide Rally.
- (b) To encourage and have individual club picnics in conjunction with the local Community League.

- (c) To hold a County Council meeting.
- (d) To hold an Eastern Shore All Star Conference.
- (e) To raise all money needed for club activities in county within local clubs.
- (f) To have a goal of 100% completion of project work and record books.
- (g) To hold an Achievement Day.
- (h) To build a 4-H Conscience within every club member and parent of the same. To cooperate with the Virginia Extension Service and the U. S. D. A. inculcating into the hearts of club members the same. To "sell" club work to the county by putting on the highest type of 4-H Work ever before accomplished.

11. Summary of Projects.

<u>Project</u>	<u>No. Enrolled</u>	<u>No. Completing</u>	<u>Total Profit</u>
Poultry	71	56	\$539.80
Livestock.	81	45	595.12
(Including			
Fattening Pig	32	12	112.25
Dairy Calf	3	3	103.40
Dairy Heifer	1	1	23.90
Cow & Calf	1	1	50.00
Breeding Pig	22	11	146.25
Sheep	2	2	43.50
Rabbits	20	15	25.82
Garden	105	67	626.86
Crop.	21	19	182.10
(Including			
Corn	8	4	33.60
Beans	2	4	51.50
Onions	1	2	16.15
Irish Potatoes	9	5	64.80
Sweet Potatoes	1	2	12.55
Tomatoes	0	1	2.25
Pumpkins	0	1	1.25
			<u>\$2541.10</u>

12. Summary.

The year 1934, proved to be one of the busiest and most enjoyable year's work since the Assistant Agent has been connected with the Extension Department of Virginia. As for 4-H Work, the boys of the county carried on in an admirable way, considering the fact that the agent was unable to give as much time to club work as in previous years. As state reports show, Accomack County Club Work was placed in the first division as to completions. The fact that Spencer Roger's Hickman was chosen as one of the two outstanding boys' in the State, brought Club Work to the attention of the County Officials as well as Parents and Friends.

The Assistant Agent carried along with club work the burden of the Corn-Hog Program, Emergency Crop and Seed Loans, and field demonstrations on sheep (docking, castrating, and stomach worm treatment) and in poultry work (culling, grading, medical treatment). The Assistant Agent also assisted Mr. Strong the County Agent in every way possible. The year ended in a way that the agents considered very profitable.

COOPERATIVE EXTENSION WORK IN AGRICULTURE AND HOME ECONOMICS
State of Virginia, Va. A. & M. College & Poly. Inst. & U.S.D.A. Cooperating
EXTENSION SERVICE

Onley, Va.,
May 23, 1934.

Dear Contract Signer:

You have just reason to be proud of the fine record made by this County on the Corn-Hog sign-up campaign. We now have contracts from forty-one farmers in Accomack County. The Board of Directors and the Allotment Committee desire to thank every member who assisted during the campaign.

The most frequent question asked members of the community committees and officers of the Corn-Hog Association is: "When will our checks be here?" It is impossible to set an exact date. Some of the reasons why more time will be needed to complete the program are:

1. The immense amount of tabulating and statistical work necessary before county quotas can be established and the individual contracts adjusted. While it takes time, the majority of farmers eventually will be glad that such care was taken, because it will result in a real reduction in output which is necessary to secure higher prices from corn and hogs, and is much more fair as between individual contract signers.

2. The size of the job. It will take one typist at least ten days working alone, to type in triplicate all of the forty-one contracts involved, and it will take several nights for the Allotment Committee to check-up and finally sign them. Your own duly elected officers are trying just as hard as possible to get the work done and the contracts in to Washington at the earliest possible date.

Every contract signer who accepts and carries out the provisions of the contract may rest assured that he will be paid the benefits to which he is entitled. However, do not overlook the main objective of the Corn-Hog Program-- a cooperative endeavor to raise the price of corn and hogs, and the income of Corn-Hog producers, by adjusting production to effect market demand. If this can be done, and we feel sure it will be done, it is far more important than the reduction payments you will receive.

Contract signers who are imbued with the spirit of the Corn-Hog reduction program need not be unduly alarmed over the fact that they must go ahead with their planting and other production operations before receipt of their finally adjusted contract figures. Since every effort will be made to avoid flat cuts, and to make the principal adjustments only in the individual contracts in connection with which adequate supporting evidence is lacking or mistakes in memory seem to have occurred, those whose contracts are in good shape can go ahead planting corn without fear of radical adjustments in their permitted acreages. Farmers who are dubious about the acceptance of their figures should allow a sufficient margin of safety. The same applies to number of litters and hogs produced for market.

In any event, producers should remember that it is difficult to determine the number of acres in a field without exact measurement and that the number of permitted acres may be affected by adjustments of the contract figures or actual measurements later on when compliance is checked. Future inconvenience should be avoided by allowing an ample margin of safety.

If there are any questions concerning the Corn-Hog program which you would like to have answered, see the Secretary or any officer of the Association.

Very truly yours,
CORN-HOG ASSOC. OF ACCOMACK COUNTY.

H. M. Nichols
H. M. Nichols, Ass't Co. Agent.

COOPERATIVE EXTENSION WORK
IN
AGRICULTURE AND HOME ECONOMICS
STATE OF VIRGINIA

MINNESOTA AGRICULTURAL AND MECHANICAL
COLLEGE AND POLYTECHNIC INSTITUTE
AND UNITED STATES DEPARTMENT OF
AGRICULTURE, COOPERATION

EXTENSION SERVICE
COUNTY AGENT WORK
Onley, Va.,
June 22, 1934.

Dear Sir:

Sometime ago, I sent you a letter asking for certain information concerning the corn acreage and number of hogs you raised during the past two years. This information was not intended to do you personal injury. I have been requested by both state and federal authorities to get this—such needed information in order that the future of farming programs can be determined.

At the bottom of this letter is another questionnaire which I sincerely hope you will be disposed to fill in to the best of your ability.

Thanking you for your cooperation in the past and hoping to hear from you soon, I am

Very truly yours,

H. M. Nichols

H. M. Nichols,
Ass't County Agent.

HMN:LVC

P.S. Enclosed find addressed envelope which needs no stamp.

TOTAL acres in your farm _____ Acres.
Acres in CORN in 1932 _____ Acres. In 1933 _____ Acres.
Total production of Corn in bushels in 1932 _____
In 1933 _____
Total acres in all crops in 1932 _____ In 1933 _____

Number of LITTERS of PIGS farrowed on your farm in
1932 _____ In 1933 _____
Number of PIGS Raised from these litters in 1932 _____
In 1933 _____

If you do not know the exact figures, please estimate the approximate numbers and return this card promptly.

Your Name _____

Post Office _____

SUMMARY OF 4^H CLUBS

YEAR 1934

Name of Club	No. Members En- rolled	No. Project Demo- strations	No. Meetings Held	No. Exhibitors at Fair	Value Prizes won	Picnics, Parties Tours etc.		Amt. of money raised by Club
						No. Held	Attend- ance	
Accocco	26	9	7					
Bloxum	11	9	7					
Belle Haven	8	12	6					
Cashville	9	12	6					
Central	12	9	7			1	25	
Chincoteague	16	9	7			1	10	
Creddockville	14	9	7					
Greenbackville	10	12	6			1	12	
Hartorton	8	11	5					
Keller	8	11	5	2	6.50			
Malfa	11	12	6	10	30.00	2	60	.50
New Church	19	12	6			1	20	.25
Osley	13	11	5					
Osascoek	12	11	5	4	21.25			
Painter	29	12	6					
Parkley	10	11	5	1	1.00			
Pungoteague	13	12	6	1	2.50	1	35	1.20
Sanford	7	11	5					
Saxie	15	11	5					
Temperanceville	13	9	5					
Wachapreague	17	11	6					

36.00 (4-H
Council)

COOPERATIVE EXTENSION WORK IN AGRICULTURE AND HOME ECONOMICS

U.S. Department of Agriculture
and State Agricultural Colleges
Cooperating

Extension Service
Division of Cooperative Extension
Washington, D.C.

COMBINED ANNUAL REPORT OF COUNTY EXTENSION WORKERS

This report form is for use by county extension agents in making a combined statistical report on all extension work done in the county during the year. Agents resigning during the year should make out this report before quitting the service.

State Virginia County Accomack

REPORT OF

<u>Hora Miller</u> <small>(Name)</small> <i>Home Demonstration Agent.</i>	<u>From December 1, 1933 to November 30, 1934</u>
<u>H. M. Nichols</u> <i>Asst. Co. Agent - Chesapeake.</i>	<u>From Dec. 1, 1933 to Dec. 1, 1933</u>
<u>W. O. Strong</u> <i>Agricultural Agent.</i>	<u>From Dec. 1, 1933 to Dec. 1, 1933</u>

READ SUGGESTIONS, PAGES 2 AND 3

~~HOME DEM AGENT ANNUAL REPORT~~



COUNTY AGENT ANNUAL REPORT

Approved:

Date _____

SUGGESTIONS RELATIVE TO THE PREPARATION OF THE COUNTY EXTENSION AGENT'S ANNUAL REPORT

The annual report should be a summary, with analysis and interpretations, for presentation to the people of the county, the State, and the Nation of the extension activities in each county for the year, and the results obtained by the county extension agents assisted by the subject-matter specialists. The making of such a report is of great value to the county extension agents and the people of the county in showing the progress made during the year as a basis for future plans. It is of vital concern also to the State and Nation as a measure of rural progress and a basis for intelligent legislation and financial support of extension work.

At least four copies of the annual report should be made: One copy for the county officials, one copy for the agent's files, one copy for the State extension office, and one copy for the Extension Service, United States Department of Agriculture. The report to the Washington office should be sent through the State extension office.

STATISTICAL SUMMARY

When two or more agents are employed in a county they should submit a single statistical report showing the combined activities and accomplishments of all county extension agents employed in the county during the year. Reports obtained through assistance rendered agents by specialists should also be included. This report shows, insofar as possible, the part each agent has taken in forwarding the extension program. The county totals should be the sum of the activities and accomplishments of individual agents minus duplications due to two or more agents participating in the same activity or accomplishment. The county totals, when properly recorded, show the progress made in the county during the year in forwarding the entire extension program. Negro men and women agents should prepare a combined statistical report separate from that of the white agents.

The statistical summary should be a report of this year's activities and results that can be verified by records on file in the county office. Where records are not available careful estimates are desired. Such estimates should be marked "Est."

NARRATIVE SUMMARY

A separate narrative report is desired from the leader of each line of work, such as county agricultural agent, home demonstration agent, boys' and girls' club agent, and Negro agent. Where an assistant agent has been employed during a part or all of the year, the report of his or her work should be included with the report of the leader of that line of work. Where an agent in charge of a line of work has quit the service during the year, the information contained in his or her report should be incorporated in the annual report of the agent on duty at the close of the report year, and the latter report so marked.

The narrative report should summarize and interpret, under appropriate subheadings, the outstanding results accomplished and the extension methods used for each project. Every statement should be clear, concise, forceful, and, where possible, reinforced with necessary data from the statistical summary. Use a descriptive style of writing, giving major accomplishments first under each project. Give extension methods fully relating to outstanding results only, and where practicable illustrate with photographs, maps, diagrams, blueprints, or copies of charts and other forms used. Full credit should be given to all cooperating agencies. The lines should be single-spaced, with double space between the paragraphs and reasonably good margins. The pages should be numbered in consecutive order.

The following outline is merely suggestive of how the narrative report may be clearly and systematically presented. Each agent should prepare an outline to fit the situation and the work to be reported.

SUGGESTIVE OUTLINE OF ANNUAL NARRATIVE REPORT

- I. Cover and title page.
- II. Table of contents.
- III. Summary of activities and accomplishments, preferably of one or two typewritten pages only, placed at the beginning of the narrative report.
- IV. Changes in county extension organization.
 - (1) Form.
 - (2) General policies.
 - (3) Procedure.
- V. County program of work.
 - (1) Factors considered and methods used in determining program of work.
 - (2) Project activities and results.

Under appropriate headings and subheadings present in some detail for each major project or line of work the goals set up, the methods used, the results achieved, and the significance of these results in terms of improved farms and homes and of better community life.
- VI. Outlook and recommendations, including suggestive program of work for next year.

TERMINOLOGY

To insure reports which convey the intended meaning to others and to facilitate the compilation of satisfactory national statistics on extension, it is extremely important that terms be used in accordance with accepted definitions. The following definitions of extension terms have been approved by the United States Department of Agriculture and the Association of Land Grant Colleges and Universities. Agents should read these definitions before starting to write the annual reports.

DEFINITIONS OF EXTENSION TERMS

1. A program of work is a statement of the specific projects to be undertaken by the extension agents during a year or a period of years.
2. A plan of work is a definite outline of procedure for carrying out the different phases of the program of work. Such a plan provides specifically for the means to be used and the methods of using them. It also shows what, how much, when, and where the work is to be done.
3. A community is a more or less well-defined group of rural people with common interests and problems. Such a group may include those within a township, trade area, or similar limits. For the purpose of this report a community is one of the several units into which a county is divided for conducting organized extension work.
4. A project leader, local leader, or committeeman is a person who, because of special interest and fitness, is selected to serve as a leader in advancing some phase of the local extension program. A project leader may be either an organization or a subject-matter leader.
5. Demonstrations as contemplated in this report are of two kinds—method demonstrations and result demonstrations. A method demonstration is a demonstration given by an extension worker or other trained leader for the purpose of showing how to carry out a practice. Examples: Demonstrations of how to can fruits and vegetables, mix spray materials, and cull poultry. A result demonstration is a demonstration conducted by a farmer, home maker, boy, or girl under the direct supervision of the extension worker, to show locally the value of a recommended practice. Such a demonstration involves a substantial period of time and records of results and comparisons, and is designed to teach others in addition to the person conducting the demonstration. Example: Demonstrating that the application of fertilizer to cotton will result in more profitable yields, that underweight of certain children can be corrected through proper diet, that the use of certified seed in growing potatoes is a good investment, or that a large farm business results in a more efficient use of labor. The adoption of a farm or home practice resulting from a demonstration or other teaching activity employed by the extension worker as a means of teaching is not in itself a demonstration.
6. A result demonstrator is an adult, a boy, or a girl who conducts a result demonstration as defined above.
7. A cooperator is a farmer or home maker who agrees to adopt certain recommended practices upon the solicitation of an extension worker. The work is not directly supervised by the extension agent and records are not required, but reports on the success of the practices may be obtained.
8. A 4-H Club is an organized group of boys and/or girls with the objectives of demonstrating improved practices in agriculture or home economics, and of providing desirable training for the members.
9. 4-H Club members enrolled are those boys and girls who actually start the work outlined for the year.
10. 4-H Club members completing are those boys and girls who satisfactorily finish the work outlined for the year.
11. A demonstration meeting is a meeting held to give a method demonstration or to start, inspect, or further a result demonstration.
12. A leader-training meeting is a meeting at which project leaders, local leaders, or committeemen are trained to carry on extension activities in their respective communities.
13. An office call is a call in person by an individual or a group seeking agricultural or home-economics information, as a result of which some definite assistance or information is given. A telephone call differs from an office call in that the assistance or information is given or received by means of the telephone. Telephone calls may be either incoming or outgoing.
14. A farm or home yield is a call by the agent at a farm or home at which some definite information relating to extension work is given or obtained.
15. Days in office should include time spent by the county extension agent in the office, at annual and other extension conferences, and on any other work directly related to office administration.
16. Days in field should include all days spent on official duty other than "days in office."
17. Letters written should include all original letters on official business. (Duplicated letters should not be included.)
18. An extension school is a school usually of 2 to 6 days' duration, arranged by the Extension Service, where practical instruction is given to persons not resident at the college. An extension short course differs from an extension school in that it is usually held at the college or another educational institution and usually for a longer period of time.
19. Records consist of definite information on file in the county office that will enable the agent to verify the data on extension work included in this report.
20. The county extension association or committee is that county organization, whether a membership or a delegate body, which is recognized officially in the conduct of extension work in the county.

GENERAL ACTIVITIES

Report Only This Year's Extension Activities and Benefits That Can Be Verified

1. List below the names, titles, and periods of service of the county extension agents whose work is included in this report. Include ~~also~~ assistants with that of regular agent.

AGENT		Total months of service this year	Days devoted to A. A. A. work	Days devoted to relief work	Total days in office	Total days in field
		(a)	(b)	(c)	(d)	(e)
Hera Miller (Name)	Home demonstration agent	(1) 12		10	80	211
	Asst. home demonstration agent					
	4-H Club agent					
	Assistant 4-H Club agent	(2)				
W. O. Strong	Agricultural agent	(3) 12	59	15	151 1/2	157 1/2
H. M. Nichols	Assistant agricultural agent	(3) 12	75		133 1/2	175 1/2

2. County extension association or committee:

(a) Agricultural extension:						
(1) Name	Advisory Board	(2) Number of members	95			
(b) Home demonstration:	" "	(2) Number of members	80			
(1) Name	" "	(2) Number of members	80			
(c) 4-H Clubs:						
(1) Name	4-H Council	(2) Number of members	92			
(1) Name	4-H Council	(2) Number of members	92			
3. Number of communities in county where extension work should be conducted			11			
4. Number of above communities in which the extension program has been planned cooperatively by extension agents and local committees			11			
5. Number of different voluntary county or community project leaders or committeemen actively engaged in forwarding the extension program:						
(a) Adult work	(1) Men 25	(b) 4-H Club work	(1) Men 2	(3) Older club boys	2	
(2) Women 22		(2) Women 22		(4) Older club girls	7	
6. Number of different paid local leaders engaged in A. A. A. program, or in relief work:						
(a) Men	8	(b) Women	1			
7. Number of clubs or other groups organized to carry on adult home demonstration work			12			
8. Number of members in such clubs or groups			584			

ITEM	Home demonstration agents (a)	4-H Club agents (b)	Agricultural agents (c)	County total (d)
9. Number of 4-H Clubs	20	=	21	22
10. Number of different 4-H Club members enrolled:	(1) Boys 2	=	281	281
(2) Girls 402		=	1	402
11. Number of different 4-H Club members completing:	(1) Boys 2	=	184	184
(2) Girls 328		=	1	329 1/2

12. Number of different members enrolled in 4-H Club work for:

MEMBERS	1st year	2d year	3d year	4th year	5th year	6th year and over
(a) Boys	66	98	55	45	14	1
(b) Girls	141	111	91	26	20	15

* County total should equal sum of preceding three columns unless duplications due to two or more agents participating in the same activity or assignment.

** Report the total number of different boys or girls enrolled in club work. This total should equal the sum of the project enrollments reported on page 7 to 10, minus duplications due to the same boy or girl carrying on two or more subject-matter lines of work.

† Items 4a, 4b and 7 total refers to completions instead of enrollments.

‡ The total for this question should agree with county total, question 10.

8-1012

GENERAL ACTIVITIES—Continued

Report Only This Year's Extension Activities and Reports That Can Be Verified

ITEM	Age	If aged under	11	12	13	14	15	16	17	18	19	20	Grand total	
			(a) Boys	(b) Girls										
13. Number of different 4-H Club members enrolled according to age ¹			45	41	76	53	34	15	15	2			12	
			65	66	97	82	28	26	28	8	2			
14. Number of 4-H Club members ²	(a) In school		671						(b) Out of school	122			-2	14

ITEM	Home demonstration agents	4-H Club agents	Agricultural agents	County total ³		
				(a)	(b)	
15. Number of 4-H Club teams trained	(1) Judging	6				
	(2) Demonstration	12		6	18	
16. Number of groups other than 4-H Clubs organized for extension work with rural young people 16 years of age and older	(1) Young men	2		1	3	
	(2) Young women			15	15	
17. Members in groups reported in question 16	(1) Young men	21			31	
	(2) Young women					
18. Total number of farm or home visits ⁴ made in conducting extension work		591		2391	2982	
19. Number of different farms or homes visited		524		1200	1824	
20. Number of calls relating to extension work	(1) Office	554		9365	9719	
	(2) Telephone	268		7582	8250	
21. Number of news articles or stories published ⁵		121		365	484	
22. Number of individual letters written		875		9266	10141	
23. Number of different circular letters prepared (not total copies mailed)		102		168	270	
24. Number of bulletins distributed		450		830	1280	
25. Number of radio talks made		-		-	-	
26. Number of events at which extension exhibits were shown		2		3	5	
27. Training meetings held for local leaders or committeemen	(1) Adult work	(a) Number	14		14	
		Total attendance	45		45	
		(b) Men leaders	186		40	186
	(2) 4-H Club	(a) Number	13		2	15
		Total attendance	81		10	91
		(b) Leaders				
28. Method demonstration meetings held (include all method demonstrations in both adult and 4-H Club work given by agents and specialists not reported under question 27)	(1) Number	248		92	340	
	(2) Total attendance	5974		5250	11224	
29. Meetings held at result demonstrations	(1) Number	30		4	34	
	(2) Total attendance	582		460	1032	

¹ The total for this question should agree with county total, question 13.² County total should equal sum of preceding three columns minus duplications due to two or more agents participating in the same activity or membership.³ Do not count a single visit to both the farm and home as two visits.⁴ Do not count letters relating to visitors of meetings only.⁵ Note.—Question 18-26 refer to the total number of different activities conducted this year. The totals should equal the sums of the corresponding information reported on following pages minus duplications when the same activity extends to two or more lines of work.

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8
GENERAL ACTIVITIES—Continued

Report Only This Year's Extension Activities and Results That Can Be Verified

ITEM			Home dem-	4-H Club	Agricultural	County
			onstration	agents	agents	total*
			(a)	(b)	(c)	(d)
30. Tours conducted.	(1) Adult work.	(a) Number.	2		1	3
		(b) Total attendance.	4		400	404
	(2) 4-H Club.	(a) Number.	1		1	2
		(b) Total attendance.	32		18	50
31. Achievement days held.	(1) Adult work.	(a) Number.	1		1	1
		(b) Total attendance.	80		80	80
	(2) 4-H Club.	(a) Number.	1		1	1
		(b) Total attendance.	110		110	110
32. Encampments held. (Do not include picnic, rallies, or short courses, as these should be reported under other meetings.)	(1) Farm women.	(a) Number.				
		(b) Total numbers attending.				
		(c) Total others attending.				
	(2) 4-H club.	(a) Number.			1	1
		(b) Total boys attending.			4	4
		(c) Total girls attending.				
33. Other meetings of an extension nature participated in by agents or specialists and not previously reported.	(1) Number.	71		165	177	
	(2) Total attendance.	4374		9574	10461	
34. Meetings held by local leaders or committees not participated in by agents or specialists and not reported elsewhere.	(1) Adult work.	(a) Number.	14			14
		(b) Total attendance.	223			223
	(2) 4-H club.	(a) Number.	29			29
		(b) Total attendance.	509			509

SUMMARY OF EXTENSION INFLUENCE FOR YEAR

It is highly desirable for extension workers to consider the proportion of farms and farm homes in the county which have been definitely influenced to make some substantial change in farm or home operations as a result of the extension program for men, women, boys, and girls. It is recognized that this information is very difficult for agents to report accurately, so a conservative estimate based upon such records, surveys, and other sources of information as are available will be satisfactory. Such estimates should be marked "Est."

Include results of emergency activities as well as the regular extension program.

35. Number of farms in county.	Average size 60 acres	2924	35
36. Number of farms on which changes in practices have definitely resulted from the agricultural extension program.		500	36
37. Number of farm homes in which changes in practices have definitely resulted from the home demonstration program.		800	Est 37
38. Number of other homes in which changes in practices have definitely resulted from the home demonstration program.		450	38
39. Number of farm homes with 4-H Club members enrolled.	joint	216	39
40. Number of other homes with 4-H Club members enrolled.		140	40
41. Total number of different farm families influenced by some phase of the extension program.		1600	Est 41
42. Total number of different other families influenced by some phase of extension program.		1200	" 42

* County total should equal sum of preceding three columns minus duplications due to men or boys agents participating in the same activity or organization.

Notes.—Questions 35-41 refer to the total number of different activities conducted this year. The total should equal the sum of the corresponding information reported on following pages minus duplications where the same activity takes place at more than one place.

CEREALS¹

Report Only This Year's Enterprise Activities and Results That Can Be Verified

ITEM	Corn (4)	Wheat (5)	Oats (6)	Rye (6)	Buckwheat (6)	All other cereals (7)
43. Days devoted to line of work by:						
(1) Home demonstration agents.....						
(2) 4-H Club agents.....						
(3) Agricultural agents.....	105	1		1		43
(4) Specialists.....	23					
44. Number of communities in which work was conducted.....	10	1		10		44
45. Number of voluntary local leaders or committeemen assisting.....	14					45
46. Days of assistance rendered by voluntary leaders or committeemen.....	235					46
47. Number of adult result demonstrations conducted.....	6					47
48. Number of meetings at result demonstrations.....						48
49. Number of method-demonstration meetings held.....	11					49
50. Number of other meetings held.....	12					50
51. Number of news stories published.....	23					51
52. Number of different circular letters issued.....	4					52
53. Number of farm or home visits made.....	145					53
54. Number of office calls received.....	350	25		50		54
55. Number of 4-H Club members enrolled.....						
(1) Boys.....	8					
(2) Girls.....						
56. Number of 4-H Club members completing.....						
(1) Boys.....	4					
(2) Girls.....						
57. Number of acres in projects conducted by 4-H Club members completing.....	5 $\frac{1}{2}$					57
58. Total yields of crops grown by 4-H Club members completing.....	69 bu.	bu.	bu.	bu.	bu.	58
59. Number of farmers following fertilizer recommendations.....		30				59
60. Number of farmers following insect-control recommendations.....	500					60
61. Number of farmers following disease-control recommendations.....		10				61
62. Number of farmers following marketing recommendations.....						62
63. Number of farmers assisted in using timely economic information as a basis for readjusting enterprise.....						63
64. Number of farms for which production-reduction contracts were signed.....	39					64
65. Total acres taken out of production on such farms in accordance with contracts reported in question 64.....	140.5					65
66. Number of farmers following other specific practice recommendations: ²						
(1).....						
(2).....						
(3).....						
(4).....						66
(5).....						

¹ Report fall sown crops the year they are harvested.² Includes crop by name.³ Include all corn and soy contracts. This total should agree with 28250.⁴ For the sake of uniformity it is suggested that each State prepare a list of the more important practices to be reported upon by all agents in that State.

LEGUMES AND FORAGE CROPS

Report Only This Year's Extension Activities and Results That Can Be Verified

ITEM	Albino	Swet-	Clver	Yield	Leaves	Furrows
	(1)	(2)	(3)	(4)	(5)	(6)
67. Days devoted to line of work by:						
(1) Home demonstration agents						
(2) 4-H Club agents						
(3) Agricultural agents	2		1	1	1	2
(4) Specialists						
68. Number of communities in which work was conducted	3		4	2	2	3
69. Number of voluntary local leaders or committees assisting	5					
70. Days of assistance rendered by voluntary leaders or committees	40					
71. Number of adult result demonstrations conducted						
72. Number of meetings at result demonstrations						
73. Number of method-demonstration meetings held						
74. Number of other meetings held						
75. Number of news stories published	1				1	3
76. Number of different circular letters issued						
77. Number of farm or home visits made	10				10	10
78. Number of office calls received	50		20	50	50	20
79. Number of 4-H Club members enrolled						
(1) Boys						
(2) Girls						
80. Number of 4-H Club members completing						
(1) Boys						
(2) Girls						
81. Number of acres in projects conducted by 4-H Club members completing						
82. Total yields of crops grown by 4-H Club members completing	bu.	bu.	bu.	bu.	bu.	x x x
	tons	tons	tons	tons	tons	x x x
83. Number of farmers following fertilizer recommendations	20		50	100		10
84. Number of farmers following insect-control recommendations						
85. Number of farmers following disease-control recommendations						
86. Number of farmers following marketing recommendations						
87. Number of farmers assisted in using timely economic information as a basis for readjusting enterprises						
88. Number of farms for which production-reduction contracts were signed						
89. Total acres taken out of production on such farms in accordance with contracts reported in question 88						
90. Number of farmers following other specific practice recommendations: ¹						
(1)						
(2)						
(3)						
(4)						
(5)						

¹ For the sake of uniformity it is suggested that each State prepare a list of the more important practices to be reported upon by all agents in that State.

LEGUMES AND FORAGE CROPS—CONTINUED

Report Only This Year's Extension Activities and Results That Can Be Verified

ITEM	System	Cooperated and held press	Value-	Field loans	Printed	All other
	(a)	(b)	(c)	(d)	(e)	(f) (no)
67. Days devoted to line of work by:						
(1) Home demonstration agents						67
(2) 4-H Club agents						
(3) Agricultural agents	2			2		
(4) Specialists						
68. Number of communities in which work was conducted						68
69. Number of voluntary local leaders or committeemen assisting						69
70. Days of assistance rendered by voluntary leaders or committeemen						70
71. Number of adult result demonstrations conducted						71
72. Number of meetings at result demonstrations						72
73. Number of method-demonstration meetings held						73
74. Number of other meetings held						74
75. Number of news stories published					1	75
76. Number of different circular letters issued						76
77. Number of farm or home visits made		16				77
78. Number of office calls received	100			150		78
79. Number of 4-H Club members enrolled:						79
(1) Boys						
(2) Girls						
80. Number of 4-H Club members completing:						80
(1) Boys						
(2) Girls						
81. Number of acres in projects conducted by 4-H Club members completing						81
82. Total yields of crops grown by 4-H Club members completing:	bu.	bu.	bu.			82
	tons	tons	tons	bu.	lb.	
					tons	
83. Number of farmers following fertilizer recommendations						83
84. Number of farmers following insect-control recommendations						84
85. Number of farmers following disease-control recommendations						85
86. Number of farmers following marketing recommendations						86
87. Number of farmers assisted in using timely economic information as a basis for readjusting enterprise						87
88. Number of farms for which production-reduction contracts were signed						88
89. Total acres taken out of production on such farms in accordance with contracts reported in question 88						89
90. Number of farmers following other specific practice recommendations ¹ :						90
(1)						
(2)						
(3)						
(4)						
(5)						

¹ Indicate crop by name.² For the sake of uniformity it is suggested that each State prepare a list of the more important practices to be reported upon by all agents in that State.

POTATOES, COTTON, TOBACCO, AND OTHER SPECIAL CROPS

Report Only This Year's Extension Activities and Results That Can Be Verified

ITEM	Irish potato		Cotton	Tobacco	All other special crops ¹	
	(a)	(b)				
91. Days devoted to line of work by:						
(1) Home demonstration agents						
(2) 4-H Club agents						
(3) Agricultural agents	39	20			1	91
(4) Specialists	308½	6½				
92. Number of communities in which work was conducted	10	10			1	92
93. Number of voluntary local leaders or committees assisting	95	50			2	93
94. Days of assistance rendered by voluntary leaders or committees	500	200			10	94
95. Number of adult result demonstrations conducted						95
96. Number of meetings at result demonstrations	1	1				96
97. Number of method-demonstration meetings held	23					97
98. Number of other meetings held	10					98
99. Number of news stories published	26	8		1		99
100. Number of different circular letters issued	29					100
101. Number of farm or home visits made	320	60				101
102. Number of office calls received	2520	510			20	102
103. Number of 4-H Club members enrolled						103
(1) Boys	9	2				
(2) Girls						
104. Number of 4-H Club members completing						104
(1) Boys	5	2				
(2) Girls						
105. Number of acres in projects conducted by 4-H Club members completing	2½	16				105
106. Total yields of crops grown by 4-H Club members completing	633 bu.	117 bu.	lb. ²	lb.		106
107. Number of farmers following fertilizer recommendations	2500	1800				107
108. Number of farmers following insect-control recommendations	2500					108
109. Number of farmers following disease-control recommendations	100	1000				109
110. Number of farmers following marketing recommendations	1000	1000				110
111. Number of farmers assisted in using timely economic information as a basis for readjusting enterprise	1,500					111
112. Number of farms for which production-reduction contracts were signed						112
113. Total acres taken out of production on such farms in accordance with contracts reported in question 112						113
114. Number of farmers following other specific practice recommendations: ³						114
(1)						
(2)						
(3)						
(4)						
(5)						

¹ Indicate crop by name.² Report yield of cotton in pounds of seed cotton.³ For the sake of uniformity it is suggested that each State prepare a list of the more important practices to be reported upon by all agents in that State.

FRUITS, VEGETABLES, AND BEAUTIFICATION OF HOME GROUNDS

Report Only This Year's Extension Activities and Results That Can Be Verified

ITEM	Home	Market	Speci-	Tree	Small	Grapes
	garden	garden, truck, and raising crops	fications of home grounds	fruit	fruit	
	(0)	(1)	(2)	(3)	(4)	(5)
115. Days devoted to line of work by:						
(1) Home demonstration agents	25		3			
(2) 4-H Club agents				2		
(3) Agricultural agents	25	40	1		2	115
(4) Specialists	9	42 ¹				
116. Number of communities in which work was conducted	10	10	3		2	116
117. Number of voluntary local leaders or committeemen assisting	24	25				117
118. Days of assistance rendered by voluntary leaders or committeemen	38	50				118
119. Number of adult result demonstrations conducted	376		3			119
120. Number of meetings at result demonstrations	4	2				120
121. Number of method-demonstration meetings held	35	1				121
122. Number of other meetings held	11	1				122
123. Number of news stories published	18	34	4	5	1	123
124. Number of different circular letters issued	28	6		12		124
125. Number of farm or home visits made	226	180	33		20	5
126. Number of office calls received	751	1050	160		300	25
127. Number of 4-H Club members enrolled:						
(1) Boys	105	12				
(2) Girls	35					
128. Number of 4-H Club members completing:						
(1) Boys	67	12				
(2) Girls	26					
129. Number of acres in projects conducted by 4-H Club members completing	16	8 ¹	XXXX			
130. Total yields of crops grown by 4-H club members completing	1000 bu	375-755 ¹	XXXX	bu	bu	10 bu
131. Number of farms or homes where fertilizer recommendations were followed	2000	1500	100	50	100	
132. Number of farms or homes where insect-control recommendations were followed	1800	1000		25	100	10
133. Number of farms or homes where disease-control recommendations were followed						
134. Number of farms or homes where marketing recommendations were followed						
135. Number of farms or homes where assistance was given in using timely economic information as a basis for readjusting enterprise						
136. Number of homes where recommendations were followed as to establishment or care of lawn	XXXX	XXXX	10	XXXX	XXXX	XXXX
137. Number of homes where recommendations were followed regarding planting of shrubbery and trees	XXXX	XXXX	15	XXXX	XXXX	XXXX
138. Number of homes where recommendations were followed as to treatment of walks, drives, or fences	XXXX	XXXX	5	XXXX	XXXX	XXXX
139. Number of homes where recommendations were followed as to improving appearance of exterior of house and outbuildings	XXXX	XXXX	3	XXXX	XXXX	XXXX
140. Number of homes where other specific practice recommendations were followed:						
(1)						
(2)						
(3)						
(4)						

¹ For the sake of uniformity it is suggested that each State prepare a list of the more important practices to be reported upon by all agents in that State.

FORESTRY AND AGRICULTURAL ENGINEERING

Report Only This Year's Extension Activities and Results That Can Be Verified

ITEM	Forestry (a)	Agricultural engineering, farm and home (b)	
141. Days devoted to line of work by:			
(1) Home demonstration agents.....		4	141
(2) 4-H Club agents.....	2	5	
(3) Agricultural agents.....			
(4) Specialists.....			
142. Number of communities in which work was conducted.....		8	142
143. Number of voluntary local leaders or committeemen assisting.....		10	143
144. Days of assistance rendered by voluntary leaders or committeemen.....		20	144
145. Number of adult result demonstrations conducted.....			145
146. Number of meetings at result demonstrations.....			146
147. Number of method-demonstration meetings held.....			147
148. Number of other meetings held.....			148
149. Number of news stories published.....	4	5	149
150. Number of different circular letters issued.....			150
151. Number of farm or home visits made.....		65	151
152. Number of office calls received.....	25	200	152
153. Number of 4-H Club members enrolled.....	(1) Boys..... (2) Girls.....		153
154. Number of 4-H Club members completing.....	(1) Boys..... (2) Girls.....		
155. Number of units handled by 4-H Club members completing.....	(1) Transplant beds cared for..... (2) Acres planted to forest trees..... (3) Acres thinned, weeded, pruned, or managed..... (4) Acres of farm woodland protected from fire.....	(1) Acres terraced..... (2) Machines or equipment required..... (3) Articles made..... (4) Equipment installed.....	155

Forestry—Continued

156. Number of farms on which new areas were reforested by planting with small trees.....		156
157. Acres involved in preceding question.....		157
158. Number of farmers planting windbreaks or shelter belts.....		158
159. Number of farmers planting trees for erosion control.....		159
160. Number of farmers making improved thinnings and weedings.....	30	160
161. Number of farmers practicing selection cutting.....	150	161
162. Number of farmers pruning forest trees.....	25	162
163. Number of farmers cooperating in prevention of forest fire.....	10	163
164. Number of farmers adopting improved practices in production of naval stores.....		164
165. Number of farmers adopting improved practices in production of maple sugar and syrup.....		165

* 4-H farm shop clubs should be reported under this heading.

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FORESTRY—Continued

Report Only This Year's Extension Activities and Results That Can Be Verified

166. Number of farmers assisted in timber estimating and appraisal	6	166
167. Number of farmers following wood-preservation recommendations	25	167
168. Number of farmers following recommendations in the marketing of forest products		168
169. Number of farmers following other specific practice recommendations:		
(a)		169
(b)		
(c)		
(d)		

AGRICULTURAL ENGINEERING—Continued

Engineering activities	Number of farms	Number of units	Total value of service or savings	
	(a)	(b)	(c)	
170. Terracing and erosion control		acres	\$	170
171. Drainage practices	25	200 acres	\$1,000	171
172. Irrigation practices		acres		172
173. Land-clearing practices		acres		173
174. Better types of machines	100	150 machines	2500	174
175. Maintenance and repair of machines	300	500 machines	750	175
176. Efficient use of machinery	50	XXXXXXXXXX	500	176
177. All buildings constructed	100	125 buildings	25,000	177
178. Buildings remodeled, repaired, painted	125	300 buildings	30,000	178
179. Farm electrification	2	2	500	179
180. Home equipment	16	16	2500	180
181. Total of systems (a) and (c)	693 farms	XXXXXXXXXX	\$ 62,750	181

182. Number of machines repaired as reported in question 175, by type:

(a) Tractors	10	(e) Mowers	30	182
(b) Tillage implements	125	(f) Planters	175	
(c) Harvesters and threshers		(g) Other	110	
(d) Plows	50			

183. Number of buildings and equipment improved as reported in questions 177, 178, 179, 180, by type:

(a) Dwellings constructed according to plans furnished	2			183
(b) Dwellings remodeled according to plans furnished	1			
(c) Sewage systems installed		(i) Silos		
(d) Water systems installed		(j) Hog houses	20	
(e) Heating systems installed	1	(k) Poultry houses	120	
(f) Lighting systems installed	2	(l) Storage structures		
(g) Home appliances and machines	16	(m) Other	130	
(h) Dairy buildings	20			

* For the sake of uniformity it is suggested that each State prepare a list of the more important practices to be reported upon by all agents in that State.

POULTRY AND BEES

Report Only This Year's Extensive Activities and Results That Can Be Verified

ITEM	Poultry (a)	Bees (b)
184. Days devoted to line of work by:		
(1) Home demonstration agents		184
(2) 4-H Club agents		
(3) Agricultural agents	35	
(4) Specialists	2	
185. Number of communities in which work was conducted	10	185
190. Number of voluntary local leaders or committeemen assisting		186
187. Days of assistance rendered by voluntary leaders or committeemen		187
188. Number of adult result demonstrations conducted		188
189. Number of meetings at result demonstrations		189
190. Number of method-demonstration meetings held		190
191. Number of other meetings held		191
192. Number of news stories published	30	192
193. Number of different circular letters issued	6	193
194. Number of farm or home visits made	270	194
195. Number of office calls received	700	195
196. Number of 4-H Club members enrolled	(1) Boys 82 (2) Girls 1	196
197. Number of 4-H Club members completing	(1) Boys 55 (2) Girls 1	
198. Number of units in projects conducted by 4-H Club members completing	3656 chickens	colonies 198

POULTRY—Continued

199. Number of families following an organized improved breeding plan as recommended	199
200. Number of families following recommendations in purchasing baby chicks	200
201. Number of families following recommendations in chick raising	201
202. Number of families following production-feeding recommendations	202
203. Number of families following sanitation recommendations in disease and parasite control	203
204. Number of families improving poultry-house equipment according to recommendations	204
205. Number of families following marketing recommendations	205
206. Number of families assisted in using timely economic information as a basis for readjusting enterprise	206
207. Number of families following other specific practice recommendations: ¹	
(a)	
(b)	207

BEES—Continued

208. Number of farmers following recommendations in transferring colonies to modern hives	208
209. Number of colonies involved in question 208	209
210. Number of farmers following disease-control recommendations	210
211. Number of farmers following queening recommendations	211
212. Number of farmers following marketing recommendations	212
213. Number of farmers following other specific practice recommendations: ¹	
(a)	
(b)	213

¹ For the sake of uniformity it is suggested that each State prepare a list of the more important practices to be reported upon by all agents in that State.

DAIRY CATTLE, BEEF CATTLE, SHEEP, SWINE, AND HORSES

Report Only This Year's Extension Activities and Results That Can Be Verified

ITEM	Dairy cattle	Beef cattle	Sheep	Pigs	Horses and ponies	Other livestock	
	(1)	(2)	(3)	(4)	(5)	(6)	
214. Days devoted to line of work by:							
(1) Home demonstration agents	1			1			
(2) 4-H Club agents							214
(3) Agricultural agents	28	8	110	1			
(4) Specialists	5	5	7				
215. Number of communities in which work was conducted	1		2	10			215
216. Number of voluntary local leaders or committeemen assisting	10		8	25			216
217. Days of assistance rendered by voluntary leaders or committeemen	1	40	85				217
218. Number of adult result demonstrations conducted							218
219. Number of meetings at result demonstrations							219
220. Number of method-demonstration meetings held	2	3	11				220
221. Number of other meetings held	3	1	14				221
222. Number of news stories published	23	1	8	22	2	3	222
223. Number of different circular letters issued	26		9	4			223
224. Number of farm or home visits made	80		76	220	10		224
225. Number of office calls received	500		483	1130	75		225
226. Number of 4-H Club members enrolled:							
(1) Boys	5		2	54		20	226
(2) Girls							
227. Number of 4-H Club members completing:							
(1) Boys	5		2	23		13	227
(2) Girls							
228. Number of animals in projects conducted by 4-H Club members completing	8		12	64		110	228
229. Number of farmers assisted in obtaining purebred sires	7		10	5			229
230. Number of farmers assisted in obtaining high-grade or purebred females	5		5	4			230
231. Number of bull, boar, ram, or stallion circles or clubs organized or assisted							231
232. Number of members in preceding circles or clubs							232
233. Number of herd or flock-improvement associations organized or assisted							233
234. Number of members in these associations							234
235. Number of farmers not in associations keeping performance records of animals	20			10			235
236. Number of families assisted in home butchering, meat cutting, and curing				26			236
237. Number of families assisted in butter and cheese making	8						237
238. Number of farmers following parasite-control recommendations	26		131	1200	175		238
239. Number of farmers following disease-control recommendations	40		125	1200			239
240. Number of farmers following marketing recommendations	50		36	200			240
241. Number of farmers assisted in using timely economic information as a basis for readjusting enterprise	10		50	50			241
242. Number of farms for which production-reduction contracts were signed				39			242
243. Total reduction in number of animals on such farms in accordance with contracts reported in question 242				269			243

1. Include rabbits, goats, guinea and fer animals.

2. Include all cow and hog contracts. This total should agree with 8650.

AGRICULTURAL ECONOMICS

Report Only This Year's Extension Activities and Results That Can Be Verified

ITEM	Public problems and economic planning on county or community basis	FARM MANAGEMENT			Outlook	Marketing, buying, selling, and financing	
		Farm records (livestock, valuation, etc.)	Individual farm plans	Farm and home planning (short and long time)			
		(1)	(2)	(3)			
244. Days devoted to line of work by:					15		
(1) Home demonstration agents							
(2) 4-H Club agents							
(3) Agricultural agents	5	3		10	10	78	244
(4) Specialists	1	9		25	12	325	
245. Number of communities in which work was conducted	9	9	7	10	9	10	245
246. Number of voluntary local leaders or committees assisting	10	12			75	60	246
247. Days of assistance rendered by voluntary leaders or committees	10	20			51	125	247
248. Number of adult result demonstrations conducted		32					248
249. Number of meetings at result demonstrations							249
250. Number of method-demonstration meetings held	5	3			20	1	250
251. Number of other meetings held	1					48	251
252. Number of news stories published	8	3			14	49	252
253. Number of different circular letters issued					19	14	253
254. Number of farm or home visits made	20	75		10	132	330	254
255. Number of office calls received	250	500		200	1042	3490	255
256. Number of 4-H Club members enrolled:	(1) Boys	XXXX		XXXX	XXXX	XXXX	256
	(2) Girls	XXXX		XXXX	XXXX	XXXX	
257. Number of 4-H Club members completing	(1) Boys	XXXX		XXXX	XXXX	XXXX	257
	(2) Girls	XXXX		XXXX	XXXX	XXXX	
258. Number of farmers keeping farm accounts throughout the year under supervision of agent					(a) Regular 50 (b) A.A.A. 39		258
259. Number of farmers keeping cost-of-production records under supervision of agent					32		259
260. Number of farmers assisted in summarizing and interpreting their accounts					25		260
261. Number of farmers assisted in making inventory or credit statements					200		261
262. Number of farmers assisted in obtaining credit					200		262
263. Number of farmers assisted in making mortgage or other debt adjustments					100		263
264. Number of farm credit associations assisted in organizing during the year					1		264
265. Number of farm business or enterprise survey records taken during year							265
266. Number of farmers making recommended changes in their business as result of keeping accounts or survey records					75		266
267. Number of other farmers adopting cropping, livestock, or complete farming systems according to recommendations					250		267
268. Number of farmers advised relative to leases					50		268
269. Number of farmers assisted in developing supplemental sources of income					100		269
270. Number of families assisted in reducing cash expenditure:							
(a) By exchange of labor or machinery					5		
(b) By bartering farm or home products for other commodities or services					500		
(c) By producing larger part of food on farm					500		270
(d) By making own repairs of buildings and machinery					20		
271. Number of urban families moving to farms who have been assisted in getting established					5		271
272. Number of farm families on relief assisted to become self-supporting					20		272

* Include livestock, feed utilization, rural rehabilitation, economic basis of extension program, drought and flood relief. Insects or possible production adjustment activities should be reported under the crop or livestock concerned.

AGRICULTURAL ECONOMICS—Continued

Report Only This Year's Extension Activities and Results That Can Be Verified

273. Number of marketing associations or groups ¹ assisted in organizing during the year	273
274. Number of marketing associations or groups ¹ previously organized assisted by extension agents this year	5 274
275. Membership in associations and groups organized or assisted (273 and 274)	2000 275
276. Number of individuals (not in associations) assisted with marketing problems	500 276
277. Number of families following other specific practice recommendations ²	

(a)	277
(b)	
(c)	
(d)	
(e)	

ITEM	Standard- izing, packaging, or grading	Process- ing or manufac- turing	Locating markets and transportation	Use of current market informa- tion	Finan- cing	Organiza- tion	Account- ing	Keeping member- ship informed
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
278. Number of organizations assisted with problems of	1	2		5	1			
279. Number of individuals (not in organizations) assisted with problems of	39	3	25	1000	500	XXXX	XXXX	XXXX

ITEM	Hay and grain	Cotton	Dairy products	Livestock	Fruits and vegetables	Poultry and eggs	Home products	
							Food	Handicraft
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
280. Value of products sold by all associations or groups organized or assisted			10,000		750,000			
281. Value of products sold by individuals (not in organizations) assisted	100,000		2,500	75,000	200,000		100	25,000

ITEM	Livestock	Feed for livestock	Farm equipment	Oil and gas	Fertilizer, seed, and other farm supplies	Home equipment	Home supplies
282. Value of supplies purchased by all associations or groups organized or assisted					1400,000		
283. Value of supplies purchased by individuals (not in organizations) assisted		25,000	10,000	8000	800,000		

¹ Include independent local associations, units of federations, branches of centralized organizations, territorial sales agencies, production associations which do buying or selling, and curb and home demonstration club markets.

² For the sake of uniformity it is suggested that each State prepare a list of the more important practices to be reported upon by all agents in that State.

FOODS AND NUTRITION

Report Only This Year's Extension Activities and Results That Can Be Verified

ITEM	Food selection	Food preservation	
	(a)	(b)	
284. Days devoted to line of work by:	79	53	
(1) Home demonstration agents			} 284
(2) 4-H Club agents			
(3) Agricultural agents			
(4) Specialists	9		
285. Number of communities in which work was conducted	11	11	285
286. Number of voluntary local leaders or committeemen assisting	45	40	286
287. Days of assistance rendered by voluntary leaders or committeemen	131	53	287
288. Number of adult result demonstrations conducted	448	455	288
289. Number of meetings at result demonstrations	9	5	289
290. Number of method-demonstration meetings held:	(1) By agents or specialists 125	30	} 290
	(2) By leaders 60	14	
291. Number of other meetings held:	(1) By agents or specialists 12		} 291
	(2) By leaders		
292. Number of news stories published	49	30	292
293. Number of different circular letters issued	30	19	293
294. Number of farm or home visits made	201	174	294
295. Number of office calls received	167	201	295
296. Number of 4-H Club members enrolled:	(1) Boys		} 296
	(2) Girls 402	371	
297. Number of 4-H Club members completing:	(1) Boys		} 297
	(2) Girls 328	296	
298. Number of units in projects conducted by 4-H Club members completing:			
(a) Dishes of food products prepared	2632	210	
(b) Meals planned and served		509	298
(c) Quarts canned	1358		
(d) Other containers of jelly, jam, and other products		200	
(e) Pounds of vegetables and fruits stored or dried		30	299
299. Number of families budgeting food expenditure for a year			300
300. Number of families following food-buying recommendations			287
301. Number of families serving better-balanced meals			271
302. Number of families improving home-packed lunches according to recommendations			
303. Number of schools following recommendations for a hot dish or school lunch			
304. Number of children involved in question 303			
305. Number of families following recommended methods of child feeding			347
306. Number of individuals adopting recommended methods for corrective feeding (such as weight control, anemia, pellagra, and constipation)			661
307. Number of families producing and preserving home food supply according to annual food-supply budget			1460
308. Number of families assisted in the canning or otherwise preserving of fruits, vegetables, and meats			42,917
309. Number of quarts canned by families reported under question 308. (Do not include 4-H Club members)			21,010
310. Number of other containers of jam, jelly, or other products made by families reported under question 308. (Do not include 4-H Club members)			12,242.00
311. Total estimated value of all products canned or otherwise preserved (questions 298, 309, 310)			500
312. Number of families following recommendations for the storage of home food supply			800
313. Number of families assisted in using timely economic information as a basis for readjusting family food supply			

CHILD DEVELOPMENT AND PARENT EDUCATION

Report Only This Year's Extension Activities and Results That Can Be Measured

314. Days devoted to line of work by:		
(a) Home demonstration agents.....	.....	} 314
(b) 4-H Club agents.....	.....
(c) Agricultural agents.....	.....
(d) Specialists.....	.....
315. Number of communities in which work was conducted.....		315
316. Number of voluntary local leaders or committeemen assisting.....		316
317. Days of assistance rendered by voluntary leaders or committeemen.....		317
318. Number of adult result demonstrations conducted.....		318
319. Number of meetings at result demonstrations.....		319
320. Number of method-demonstration meetings held.....	{ (a) By agents or specialists..... (b) By leaders.....	320
321. Number of other meetings held.....	{ (a) By agents or specialists..... (b) By leaders.....	321
322. Number of news stories published.....		322
323. Number of different circular letters issued.....		323
324. Number of farm or home visits made.....		324
325. Number of office calls received.....		325
326. Number of 4-H Club members enrolled.....	{ (a) Boys..... (b) Girls.....	326
327. Number of 4-H Club members completing.....	{ (a) Boys..... (b) Girls.....	327
328. Number of 4-H Club members not in special child-development projects who participated in definite child-development work.....		328
329. Number of families improving habits of children.....		329
330. Number of families substituting positive methods of discipline for negative ones.....		330
331. Number of families providing recommended play equipment.....		331
332. Number of families following recommendations regarding furnishings: adapted to children's needs.....		332
333. Number of different individuals participating in child-development and parent-education program.....	{ (a) Men..... (b) Women.....	333
334. Number of children involved in question 333.....		334
335. Number of families following other specific practice recommendations: ¹		} 335
(a).....	.....
(b).....	.....
(c).....	.....
(d).....	.....
(e).....	.....

¹ For the sake of uniformity it is suggested that each State prepare a list of the more important practices to be reported upon by all agents in that State.

CLOTHING

Report Only This Year's Extension Activities and Results That Can Be Verified

336. Days devoted to line of work by:			
(a) Home demonstration agents		6	} 336
(b) 4-H Club agents		0	
(c) Agricultural agents		0	
(d) Specialists			
337. Number of communities in which work was conducted		5	337
338. Number of voluntary local leaders or committeemen assisting			338
339. Days of assistance rendered by voluntary leaders or committeemen			339
340. Number of adult result demonstrations conducted		8	340
341. Number of meetings at result demonstrations			341
342. Number of method-demonstration meetings held	{(a) By agents or specialists	1	} 342
	{(b) By leaders		
343. Number of other meetings held	{(a) By agents or specialists		} 343
	{(b) By leaders		
344. Number of news stories published		1	344
345. Number of different circular letters issued			345
346. Number of farm or home visits made		5	346
347. Number of office calls received		2	347
348. Number of 4-H Club members enrolled	{(a) Boys		} 348
	{(b) Girls		
349. Number of 4-H Club members completing	{(a) Boys		} 349
	{(b) Girls		
350. Number of articles made by 4-H Club members completing	{(a) Dresses		} 350
	{(b) Other		

ITEM	Adults	Juniors	
	(a)	(b)	
351. Number of individuals following recommendations in construction of clothing	20		351
352. Number of individuals following recommendations in the selection of clothing	15		352
353. Number of individuals keeping clothing accounts			353
354. Number of individuals budgeting clothing expenditures			354
355. Number of families following clothing-buying recommendations	3	XXXXX	355
356. Number of individuals improving children's clothing according to recommendations	30		356
357. Number of individuals following recommendations in improving care, renovation, and remodeling of clothing	25		357
358. Number of families assisted in using timely economic information in determining how best to meet clothing requirements		XXXXX	358
359. Total estimated savings due to clothing program	\$30.00	\$	359
360. Number of individuals following other specific practice recommendations: ¹			
(a) Remodeled Garments	50		360
(b)			

¹ For the sake of uniformity it is suggested that each State prepare a list of the more important practices to be reported upon by all agents in that State.

HOME MANAGEMENT AND HOUSE FURNISHINGS

Report Only This Year's Extension Activities and Results That Can Be Valued

ITEM.	Home management	Home furnishings	Handicraft	
	(1)	(2)	(3)	
361. Days devoted to line of work by:				
(1) Home demonstration agents	8	30	25	} 361
(2) 4-H Clu. agents	-	-	-	
(3) Agricultural agents				
(4) Specialists				
362. Number of communities in which work was conducted.		11	11	362
363. Number of voluntary local leaders or committeemen assisting.				363
364. Days of assistance rendered by voluntary leaders or committeemen.				364
365. Number of adult result demonstrations conducted.	48	169	210	365
366. Number of meetings at result demonstrations.	2	2	1	366
367. Number of method-demonstration meetings held:		26	21	} 367
(1) By agents or specialists				
(2) By leaders				
368. Number of other meetings held:				} 368
(1) By agents or specialists				
(2) By leaders				
369. Number of news stories published.	2	8	2	369
370. Number of different circular letters issued.		1	1	370
371. Number of farm or home visits made.	9	48	22	371
372. Number of office calls received.	40	29	92	372
373. Number of 4-H Club members enrolled:			402	} 373
(1) Boys				
(2) Girls				
374. Number of 4-H Club members completing:			349	} 374
(1) Boys				
(2) Girls				
375. Number of units in projects conducted by 4-H Club members completing.		25 rooms	610 articles	375

HOME MANAGEMENT—Continued

376. Number of kitchens rearranged or improved for convenience according to recommendations.	5	376
377. Number of families following recommendations in obtaining labor-saving equipment.	10	377
378. Number of families adopting recommended laundering methods.		378
379. Number of families assisted in home soap making.	12	379
380. Number of families adopting recommended methods in care of house.	150	380
381. Number of families assisted in making home-made equipment or conveniences.	6	381
382. Number of women following a recommended schedule for home activities.		382
383. Number of 4-H Club members keeping personal accounts.		383
384. Number of families keeping home accounts according to a recommended plan.	2	384
385. Number of families budgeting expenditures in relation to income according to a recommended plan.		385
386. Number of families assisted in developing home industries as a means of supplementing income.	5	386
387. Number of families following recommended methods in buying for the home (other than foods and clothing).	22	387
388. Number of families assisted in using timely economic information as a basis for readjusting family living (other than reported under foods and clothing).		388
389. Number of families assisted in making adjustments in home making to gain a more satisfactory standard of living.	35	389

HOME MANAGEMENT—Continued

390. Number of families having increased time for rest and leisure activities as a result of the home-management program.....	390
391. Total estimated saving due to home-management program.....	\$ 100.00 391
392. Number of families following other specific practice recommendations: 1	
(a)	} 392
(b)	

HOME FURNISHINGS—Continued

393. Number of families improving the selection of household furnishings.....	10 393
394. Number of families following recommendations in improving methods of repairing, remodeling, or refinishing furniture.....	12 394
395. Number of families following recommendations in improving treatment of windows (shades, curtains, draperies).....	18 395
396. Number of families following recommendations in improving arrangement of rooms (other than kitchens).....	26 396
397. Number of families improving treatment of walls, woodwork, and floors.....	12 397
398. Number of families applying principles of color and design in improving appearance of rooms.....	20 398
399. Total estimated savings due to home-furnishings program.....	\$ 250.00 399
400. Number of families following other specific practice recommendations: 1	
(a)	} 400
(b)	

HANDICRAFT—Continued

401. Number of families following recommendations regarding handicraft.....	400 401
402. Number of families following other specific practice recommendations: 1	
(a)	} 402
(b)	

HOME HEALTH AND SANITATION

Report Only This Year's Extensive Activities and Results That Can Be Verified.

403. Days devoted to line of work by:	
(a) Home demonstration agents.....	5
(b) 4-H Club agents.....	
(c) Agricultural agents.....	
(d) Specialists.....	
404. Number of communities in which work was conducted.....	11 404
405. Number of voluntary local leaders or committeemen assisting.....	405
406. Days of assistance rendered by voluntary leaders or committeemen.....	406
407. Number of adult result demonstrations conducted.....	407
408. Number of meetings at result demonstrations.....	408
409. Number of method-demonstration meetings held.....	1
(a) By agents or specialists.....	} 409
(b) By leaders.....	
410. Number of other meetings held.....	
(a) By agents or specialists.....	} 410
(b) By leaders.....	
411. Number of news stories published.....	1 411
412. Number of different circular letters issued.....	412
413. Number of farm or home visits made.....	5 413
414. Number of office calls received.....	8 414

1 For the sake of uniformity it is suggested that each State prepare a list of the more important practices to be reported upon by all agents in that State.

HOME HEALTH AND SANITATION—Continued

415. Number of 4-H Club members enrolled.....	(a) Boys.....	} 415
	(b) Girls.....	
416. Number of 4-H Club members completing.....	(a) Boys.....	} 416
	(b) Girls.....	
417. Number of 4-H Club members not in special health projects who participated in definite health-improvement work.....	(a) Boys.....	} 417
	(b) Girls..... 402	
418. Number of individuals having health examination on recommendation of extension workers or participating in health contests.....	(a) 4-H Club members..... 15	} 418
	(b) Others.....	
419. Number of individuals improving health habits according to recommendations.....	100	419
420. Number of individuals improving posture according to recommendations.....	200	420
421. Number of individuals adopting recommended positive preventive measures to improve health (immunization for typhoid, diphtheria, smallpox, etc.).....		421
422. Number of families adopting better home-nursing procedure according to recommendations.....		422
423. Number of families installing sanitary closets or outhouses according to recommended plans.....		423
424. Number of homes screened according to recommendations.....		424
425. Number of families following other recommended methods of controlling flies, mosquitoes, and other insects.....		425
426. Number of individuals enjoying improved health as a result of health and sanitation program.....	40 per cent	426
427. Number of families following other specific practice recommendations: ¹		} 427
(a).....		
(b).....		

COMMUNITY OR COUNTRY-LIFE ACTIVITIES

Report Only This Year's Extension Activities and Results That Can Be Verified

428. Number of communities assisted in making social or country-life surveys, or in securing themselves or their community organizations.....	7	428
429. Number of country-life conferences or training meetings conducted for community leaders.....	1	429
430. Number of community groups assisted with organizational problems, programs of activities, or meeting programs.....	22	430
431. Number of communities developing recreation according to recommendations.....	10	431
432. Number of families following recommendations as to home recreation.....	200	432
433. Number of community or county-wide pageants or plays presented.....	10	433
434. Number of community houses, clubhouses, permanent camps, or community rest rooms established for.....	(a) Adults..... -	} 434
	(b) Juniors..... -	
435. Number of communities assisted in establishing work centers for canning, seed treatment, meat curing, etc.....	-	435
436. Number of communities assisted in improving hygiene or public-welfare practices.....	-	436
437. Number of school or other community grounds improved in accordance with plans furnished.....	6	437
438. Number of communities assisted in providing library facilities.....	6	438
439. Number of 4-H Clubs engaging in community activities; such as improving school grounds, conducting local fairs, etc.....	22	439
440. Number of families aided in obtaining assistance from Red Cross or other relief agency.....	58	440
441. Total number of different communities assisted in connection with the community or country-life work reported on this page.....	21	441
442. Number of communities following other specific practice recommendations: ¹		} 442
(a).....	10	
(b).....	0	

¹ For the sake of uniformity it is suggested that each State prepare a list of the more important practices to be reported upon by all agents in that State.

OTHER ACTIVITIES

Report Only This Year's Extension Activities and Results That Can Be Verified

ITEM	Preparatory	Exhibits	General	Wants	Other	
	(a)	(b)	(c)	(d)	(e)	
443. Days devoted to line of work by:						
(1) Home demonstration agents						35
(2) 4-H Club agents	-					
(3) Agricultural agents	-	1	1	1		3
(4) Specialists	-		3			26
444. Number of communities in which work was conducted	-	3	2	2		10
445. Number of voluntary local leaders or committeemen assisting	-	-	-	-		10
446. Days of assistance rendered by voluntary leaders or committeemen	-	-	-	-		30
447. Number of adult result demonstrations conducted	-	-	-	-		36
448. Number of meetings at result demonstrations	-	-	-	-		7
449. Number of method-demonstration meetings held	-	-	-	-		15
450. Number of other meetings held	-	-	-	-		123
451. Number of news stories published	-	1	3	3		192
452. Number of different circular letters issued	-	-	-	-		70
453. Number of farm or home visits made	-	-	55	15		129
454. Number of office calls received	-	20	500	100		682
455. Number of 4-H Club members enrolled	(1) Boys	XXXX	XXXX	XXXX	XXXX	
	(2) Girls	XXXX	XXXX	XXXX	XXXX	
456. Number of 4-H Club members completing	(1) Boys	XXXX	XXXX	XXXX	XXXX	
	(2) Girls	XXXX	XXXX	XXXX	XXXX	
457. Number of farmers following recommendations	-	200	50	-		437
458. Pounds of poison used	-	500	500	-		456
459. Total estimated saving due to control program	\$ -	\$ -	\$ -	\$ -	\$ -	459

¹ Include grasshoppers, army worms, thistle bugs, and other insects not reported under specific crop or livestock headings.

² Includes by name.

9-2028