HENRY COUNTY - - - - VIRGINIA

County Agent Annual Report, 1921.

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Form No. 930

COOPERATIVE EXTENSION WORK IN AGRICULTURE

AND HOME ECONOMICS

U. S. Department of Agriculture
and State Agricultural Colleges
Cooperating.

States Relations Service
Office of Extension Work South

REPORT OF WORK OF THE COUNTY AGENT

CALENDAR YEAR 1921

State Virginia County Henry

Report of G.W.Patteson Jr. County Agent

From January 1 to December 31 1921

Approved:

State Agent

Date Forwarded

Director of Extension Work

94-A

ANNUAL REPORT FORM AND INSTRUCTIONS TO AGENTS

The agent's annual report should be a complete summary of all the work performed during the year. This is the only record that the officials of the Extension Division of the State and the Department have of the agent's activities.

The only means of making such a report is to keep field notes or a field diary of everything that is done each day. It is well to not only keep notes of things actually done, but to make some brief observations of general conditions as found from time to time. Many things which seem of minor importance to the agent may be very valuable to the head offices when asked for detailed information regarding certain localities.

An agent's efficiency and the success of his work is necessarily judged from this office by what is contained in his report. Your district and State agent may know that you are rendering efficient service, but it is absolutely essential to have something on record to show that the work has been done, when outside parties who can not possibly inspect your work desire definite and accurate information in regard to the results that are being accomplished in local territory.

Every agent in the work has been instructed, by circular letter and by the supervising force at agents' meetings, as to the importance of keeping systematic records throughout the year. If this advice has been followed you should have no difficulty in rendering your annual report upon the forms which are herewith attached. These are broad enough to include the activities of the agents in the entire territory covered by the Extension Work in the South. Some of the questions will not apply to your local territory, and these, of course, need not be answered.

In some instances you will observe that the same form is used for several crops. Be sure to use separate sheets for each crop named under the heading. For example, take the sheet headed "Small Grains", under which are included oats, wheat, barley, and rye. In this case all the demonstrations in oats should be included on one sheet, all the demonstrations in rye on another, and so on for all the crops included under this heading.

Be sure to answer the questions in the order in which they are asked, and see that you give the information called for. If this is done, all the reports will be uniform when they are sent in to the State agent's office, and in like manner the State agent's reports will be uniform when sent to the Director's office in the State and then to the Washington Office.

It should be distinctly understood that these forms are only to summarize the statistical part of the report, and under each crop or heading such remarks, observations or points of interest as may be useful should be briefly written out. The back of the respective sheets may be used for remarks on the crops reported on. No doubt many interesting features will be called to mind, which, if written up and sent in to the State agent's office along with the replies to these definite questions, would be very valuable in giving the report that personal touch which proves of great value and interest in all reports of this nature.

In collecting the replies to the questions of a personal nature, the agent will have to depend on his tact and good judgment in approaching the farmer. A few, no doubt, will be averse to furnishing you with some of the information asked for, but if reliable data could be collected with reference to these points, it would enable the Department to get a rather definite idea as to the beneficial effects of the demonstration work in your section.

The forms that we are sending out include the following crops, groups of crops, and other miscellaneous work of the county agent:

C R O P S:

Corn
Cotton
Tobacco
Small grain
Hay and forage
Cover crops
Summer legumes
Potatoes (Irish and Sweet)
Truck crops and gardens
Sugar cane
Orchards

LIVE STOCK:

Horses
Dairy cattle
Beef cattle
Hogs
Sheep and goats
Poultry
Live stock diseases and pests

OTHER WORK:

Fertilizers
Farm manures
Silos
Dipping vats
Seed selection
Lime
Rotations
Pastures
Organizations
Farm buildings
Drainage
Farm machinery and tools
Clearing land, stumps, etc.
Timber and wood lots
Miscellaneous demonstration work
Effect of demonstration work on community, and human interest features
Successful undertakings
Work with negroes
Boys club work

If there is anything in any of these forms that is not thoroughly understood discuss the matter with your district or State agent or write to this office for a more specific explanation.

MAP OF COUNTY

SHOWING KIND AND DISTRIBUTION OF WORK

The following sheet is to be used for an outline map of your county, to show the kinds and distribution of your work. Maps larger in size than this sheet may be used if desired. In some states, suitable maps, showing topography, railroads, rivers, election districts, etc., are obtainable from the Office of the State Geological Survey. It is suggested that a copy of the map furnished with your report be kept for your own office record, unless you already have one answering the same purpose.

The map is intended to show the approximate location of your various demonstrations, community clubs, boys' clubs, etc., each kind of demonstration club, or other activity to be indicated by the same sign or mark, so that a glance at the map will give a general impression of the nature and extent of the work. Be sure to enter at some convenient place along the margin of the map sheet a key or explanation to the various marks. For example, some such set of marks and key as the following might be used:

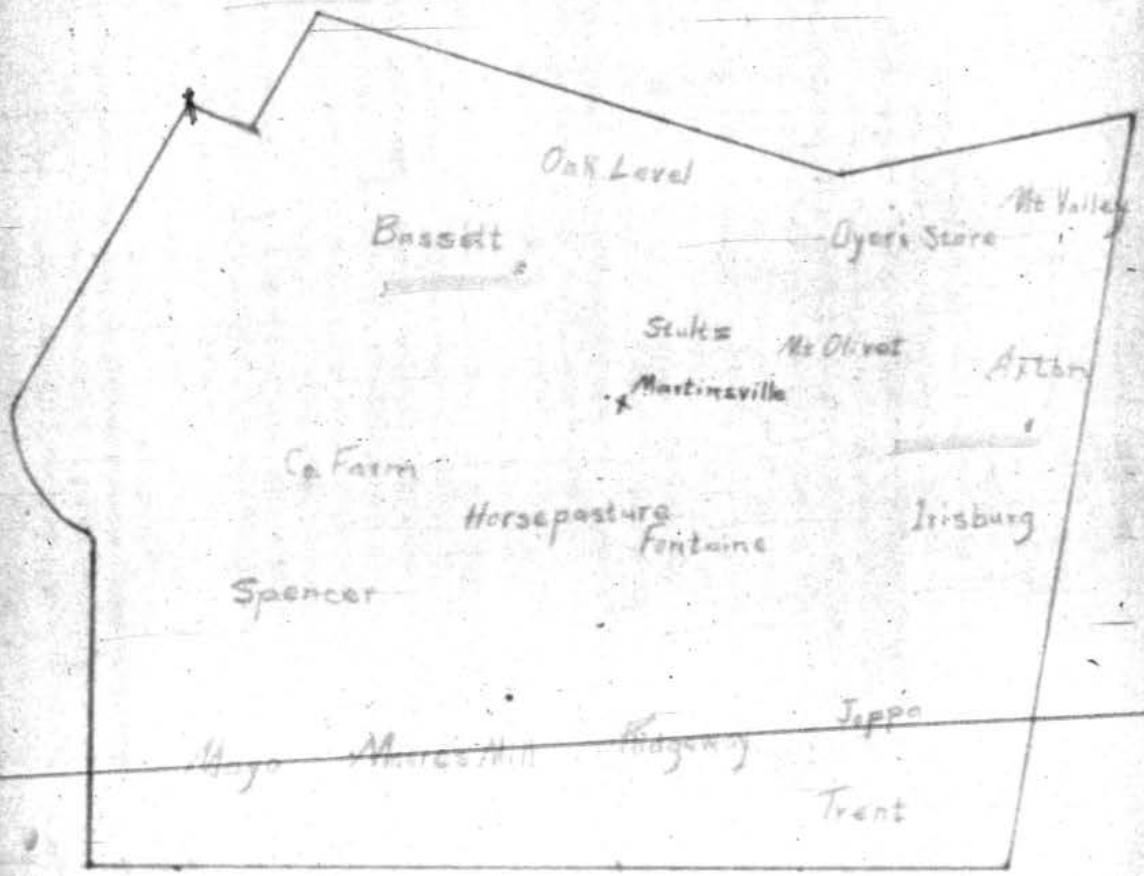
community organizations;		corn;	cotton;
tobacco;	wheat;	oats;	hay;
legumes;	potatoes;	orchards;	livestock;
poultry;	silo;	boys' clubs; cr	cream routes, etc.

Additional signs may be used for other lines of work. The use of colored pencils for these signs, using one color for all the work of the same kind, makes such a map very effective. If further suggestions are desired in this connection write direct to this office. It is believed that a large outline map of the county, showing the kind and the location of the work, could be displayed to advantage in every county agent's office.

CERS 920-5

MAP OF COUNTY

SHOWING KIND AND DISTRIBUTION OF WORK.



Places marked are where most of work has been done in the County

94-A

G.W.Patteson Jr. CEWS 920-A

Space for Agent's Stamp

COUNTY ORGANIZATIONS

Martinsville Va.

1. Is there a central county organization supporting your work? Yes, a weak one

If so, what is it called? Farmers'Union & Tob.Marketing Ass'n

Who constitute its membership? Farmers for the Union, & tobacco growers only for the Tob.Ass'n.

How is membership selected or appointed? Practically any one who will pay the dues can be a member if in an eligible class.

What is the membership fee, if any? Same for both ---------- $ 3.00

Who are its present officers? Pres.A.C.Minter,Martinsville; Sec.-Treas.C.T.Clarke,Martinsville Va.;Organizer G.W.DeShazo, Spray N.C.for Union;Co.Chairman W.R.West,Axton Va.,Tob.Ass'n.

How long has this county organization been in existence? Probably 10 years ofr the Union and 10 months for the Tob.Ass'n.

2. How many community farmers' clubs have you assisted in organizing this year? None

Total membership ____

3. How many community farmers' clubs have you in your county? None

Total membership ____

4. How many local lodges of Granges, Farmers' Unions, etc., as community organizations, are supporting your work? five

Total membership 115

Are such Granges, Farmers' Unions, etc., included in your ~~answers to Nos. 2 and 3~~? No

5. How many community farmers' clubs have ceased to exist during the year? None

(Give reason, using extra pages when necessary)

6. How many of these clubs are organized so as to include the farmer's wife, children, and others, in their membership? None

94-A

OEWS 920-A2

G.N.Patteson Jr.
Space for agent's stamp

COUNTY ORGANIZATIONS (Continued)

Martinsville Va.

7. How have these clubs been helpful to the farmer and his family. (Use extra pages if necessary)

Teaching cooperation; saving money in buying; keeping the people in closer touch with each other and the outside; promoting community interest; etc.

The wives and children do not take much part in these organizations. The annual county picnic is about the only thing that they attend. Probably 1500 turned out for it this year.

8. Are these community farmers' clubs dependent on the county agent for their existence and the continuation of their efforts? Partly

9. Does each club have a community plan or program of work? (Attach a copy of such plans for the past year) No

10. Does the county organization have a definite plan of work with reference to the county? (Attach a copy of such plans for the past year) No, but we hope to make up one for 1932.

11. Have you so thoroughly organized your county that you have someone in every community or school district assisting you in extension work and through whom you can reach EVERY farm family in your county?

My county is not well organized, but the work is distributed quite well over the county. A strong tobacco marketing association with 600 members, was organized in the county this year. This organization expects to put on an educational program, beginning now and lasting up to the time the organization expects to begin operation as a selling organization, which will be when the 1932 crop goes on the market.

CEWS 920-B

G.W.Patteson Jr.

Space for agent's stamp

COOPERATIVE BUYING

AND SELLING ORGANIZATIONS

Martinsville Va.

Co. 85 All - 2

1. How many of your farmers' organizations buy and sell cooperatively? _____

2. State the quantity and value of each farm necessity or product bought or sold cooperatively by these organizations and the approximate saving to the farmer. Make a separate list of purchases and likewise one for sales, and indicate which are purchases and which sales. Report all livestock in carload lots, keeping the different kinds of livestock separate, for example, ____cars cattle; ____cars hogs, etc. Report all grains and potatoes in bushels and carloads, making a separate report on each kind of grain, i.e., 10 carloads, or 8000 bushels of corn. Report all seed in bushels, all fertilizer and lime in tons, and wool in pounds. In the column headed "value", report the amount at which the commodity was actually sold, or for which it was bought. If more commodities have been bought or sold than can be listed on this form, use an additional sheet. A full report on this subject is urged.

Article	Quantity		Value	Saving
	Cars	Bu., lbs. or tons		
*~~Fertilizer~~ Groceries, mill feed, seed, etc.			$ 5800.00	$ 580.00
*Sold The Cooperative Tobacco Marketing Association has been under process of organization this year, with the intention of selling the 1922 crop of tobacco. The minimum (necessary to make the organization go) of 50% of the tobacco in Virginia, North and South Carolina has almost been obtained. Virginia has gotten its 50% as has this county.				

3. Have you attempted to keep a bulletin board in your office, listing things for sale and things wanted?
Yes, I have done this with fair results. It is necessary.

4. Have you used the market news service of the U. S. Department of Agriculture or your State market news service?
Yes, I find it of much value.

*Use back of this sheet or separate sheets if there is not space here to list separately your purchases and sales. Carefully read No. 2 above.

4-A

CEWS 920-C

G.W.Patteson Jr.

Space for agent's stamp

C O R N

(Including Kafir, Milo, Feterita)
Separate sheet for each

Martinsville Va.

1.	Number of demonstrators	
2.	Number of demonstrators reporting	
3.	Total acreage of corn grown under improved methods on demonstration farms	
4.	Average yield per acre on demonstrations (bushels)	
5.	Estimated average yield for entire county (bushels)	18 bu.
6.	Increased yield on demonstrations over ordinary methods (bushels)	17 bu.
7.	Number of cooperators (club)	12
8.	Total acreage of corn grown under improved methods by cooperators	72
9.	Average yield per acre on demonstrations by cooperators (bushels)	30 bu.
10.	Number of farmers testing seed corn for germination	15
11.	Number of bushels so tested for germination	6 bu.
12.	How many farmers planted pure or selected seed on their demonstrations?	6
13.	Acreage planted with pure or selected seed	8
14.	Number of farmers you have influenced to select seed for next year's crop	20
15.	Estimated amount of seed selected (bushels)	12 bu.
16.	Number who fall-plowed their demonstration acres	None for 1921
17.	Number who turned under cover crops on their demonstration acres	6
18.	Number of acres harvested for silage	45
19.	Yield per acre harvested for silage (tons)	10
20.	Number of acres "hogged down"	None
21.	Estimated value per acre when utilized this way	$
22.	Number of acres treated for diseases or insect pests	None
23.	How many farmers have you directly influenced to use better methods in growing corn this year?	25
24.	Estimate how many were indirectly influenced	50

(Use reverse side for remarks on this crop)

94-A

G. W. PATTERSON, Jr.,
County Agent, CEWS 920-B
MARTINSVILLE, VIRGINIA.

Space for agent's stamp

C O T T O N

1. Number of demonstrators _____
2. Number of demonstrators reporting _____
3. Total acreage grown under improved methods on demonstration farms _____
4. Average yield per acre on demonstration farms (pounds seed cotton) _____
5. Estimated average yield for entire county (pounds seed cotton) _____
6. Increased yield per acre on demonstrations over ordinary methods - (pounds seed cotton) _____
7. Number of cooperators _____
8. Total acreage grown under improved methods by cooperators _____
9. Average yield per acre by cooperators (pounds seed cotton) _____
10. Number of farmers testing seed cotton for germination _____
11. Number of bushels so tested _____
12. Number of demonstrators who planted pure or selected seed _____
13. Acreage planted with pure or selected seed _____
14. Number of farmers you have induced to field select seed for next year's crop _____
15. How many fall-plowed their demonstration acres? _____
16. How many turned under cover crops on their demonstration acres? _____
17. Number of acres treated for diseases or insect pests _____
18. Have you been able to get the farmers in any community to grow but one variety of cotton? _____
19. How many farmers have you directly influenced to use better methods in cotton growing this year? _____
20. Estimate how many were indirectly influenced _____

Give particulars

(Use reverse side for remarks on this crop)

94-A

CTS 920-E

G.W.Patteson Jr.
Space for agent's stamp

T O B A C C O

Martinsville Va.

1.	Number of demonstrators	
2.	Number of demonstrators reporting	
3.	Total acreage in demonstrations	
4.	Average yield per acre (pounds)	
5.	Estimated average yield per acre for entire county (pounds)	500
6.	Increased yield per acre of demonstrations over ordinary methods (pounds)	
7.	How many farmers have you induced to plant pure or selected seed?	
8.	Acreage planted with pure or selected seed	
9.	How many farmers treated tobacco seed for disease?	62
10.	How many acres did this treated seed plant?	325
11.	How many farmers have you directly influenced to use better methods in growing tobacco this year?	None
12.	Estimate how many were indirectly influenced	15

This county grows flue cured tobacco entirely. Much of it is of a mahogany color and makes especially good chewing tobacco. From the southeast part of the county where the soils are lightest and sandy comes the biggest portion of the bright leaf.

In 1930 slightly over five million pounds was grown, but this year there will be less than half of that amount. Many of those who grew a crop stopped entirely this year, and all others greatly reduced theirs of their own accord, or it was reduced from natural causes.

There is a large percent of inferior quality tobacco. That which was cut and cured before the early September rains turned out very well, but the larger portion of the crop which was harvested after this hasn't such a good color and is rather inferior in quality. The market has averaged up very well so far, but it appears that is due to the fact that much of the good tobacco is being put on now for the aforesaid reasons.

Some "wild fire" and "angular spot" diseases were noticed this year, but hte dry season and to some seed treatment have greatly reduced over last year.

(Use reverse side for remarks on this crop)

94-A

G. W. PATTERSON, Jr.,
County Agent,
MARTINSVILLE, VIRGINIA. CZFS 930-F

Space for agent's stamp

T O M A T O E S

1. Number of demonstrators _____
2. Number of demonstrators reporting _____
3. Total acreage in demonstrations _____
4. Average yield per acre (bushels) _____
5. Estimated average yield per acre for entire county (bushels) _____
6. Increased yield per acre of demonstrations over ordinary methods (bushels) _____
7. How many farmers have you induced to plant pure or selected seed? _____
8. How many farmers have you induced to field select seed for next year's crop? _____
9. Acreage planted with pure or selected seed _____
10. How many fall-plowed their demonstration acres? _____
11. How many turned under cover crops on their demonstration acres? _____
12. How many tomato farmers did you influence to adopt a rotation system? _____
13. State the number of acres treated for insect pests _____
14. Estimate increased value per acre resulting from treatment $_____
15. State the number of acres treated for diseases _____
16. Estimate increased value per acre resulting from treatment $_____
17. How many demonstrators grew their own plants? _____
18. How many farmers have you induced to construct hot beds? _____
19. How many farmers have you directly influenced to use better methods in growing tomatoes this year? _____
20. Estimate how many were indirectly influenced _____

Practically no tomatoes are grown and canned here except for home use. A few are sold for casual consumption.

(Use reverse side for remarks on this crop)

94-A

CEWS 920-G

G.W.Patteson Jr.
Space for agent's stamp

SMALL GRAINS

(Oats, Wheat, Rye, Barley, Buckwheat)

Martinsville Va.

Wheat Demonstration
(Enter here name of crop - separate sheet for each)

1.	Number of demonstrators	
2.	Number of demonstrators reporting	
3.	Total acreage grown under improved methods on demonstration farms	
4.	Average yield per acre on demonstrations (bushels)	
5.	Estimated average yield per acre for entire county (bushels)	8
6.	Increased yield per acre on demonstrations over ordinary methods (bushels)	
7.	Number of cooperators	40
8.	Total acreage grown under improved methods by cooperators	175
9.	Average yield per acre by cooperators (bushels)	
10.	Number of farmers testing seed for germination	None
11.	Number of bushels so tested	
12.	Number of demonstration acres threshed for grain	175
13.	Acreage planted with pure or selected seed	200
14.	Number of demonstration acres cut for hay	
15.	Average yield of cured hay per acre on demonstrations (tons)	
16.	Increase per acre of cured hay on demonstrations over ordinary methods (tons)	
17.	Number of acres grazed off	
18.	Estimated value per acre of grazing	$
19.	Number of acres turned under for soil improvement	
20.	How many bushels of seed were treated for smut, rust, etc.?	25
21.	How many farmers have you directly influenced to use better methods in growing this crop this year?	20
22.	Estimate how many were indirectly influenced	40

94-A

(Use reverse side for remarks on this crop)

CEMS 920-0

G.W.Patteson Jr.
Space for agent's stamp

SMALL GRAINS

(Oats, Wheat, Rye, Barley, Buckwheat)

Martinsville Va.

Oats Demonstration
(Enter here name of crop - separate sheet for each)

1.	Number of demonstrators	
2.	Number of demonstrators reporting	
3.	Total acreage grown under improved methods on demonstration farms	
4.	Average yield per acre on demonstrations (bushels)	
5.	Estimated average yield per acre for entire county (bushels)	15
6.	Increased yield per acre on demonstrations over ordinary methods (bushels)	
7.	Number of cooperators	20
8.	Total acreage grown under improved methods by cooperators	60
9.	Average yield per acre by cooperators (bushels)	20
10.	Number of farmers testing seed for germination	None
11.	Number of bushels so tested	
12.	Number of demonstration acres threshed for grain	
13.	Acreage planted with pure or selected seed	3
14.	Number of demonstration acres cut for hay	
15.	Average yield of cured hay per acre on demonstrations (tons)	
16.	Increase per acre of cured hay on demonstrations over ordinary methods (tons)	
17.	Number of acres grazed off	
18.	Estimated value per acre of grazing	$
19.	Number of acres turned under for soil improvement	
20.	How many bushels of seed were treated for smut, rust, etc.?	None
21.	How many farmers have you directly influenced to use better methods in growing this crop this year?	5
22.	Estimate how many were indirectly influenced	15

94-A (Use reverse side for remarks on this crop)

OEMS 920-G

G.W.Patteson Jr.

Space for agent's stamp

SMALL GRAINS

(Oats, Wheat, Rye, Barley, Buckwheat)

Martinsville Va.

Rye Demonstration

(Enter here name of crop - separate sheet for each)

1.	Number of demonstrators	
2.	Number of demonstrators reporting	
3.	Total acreage grown under improved methods on demonstration farms	
4.	Average yield per acre on demonstrations (bushels)	
5.	Estimated average yield per acre for entire county (bushels)	12
6.	Increased yield per acre on demonstrations over ordinary methods (bushels)	
7.	Number of cooperators	10
8.	Total acreage grown under improved methods by cooperators	25 ±
9.	Average yield per acre by cooperators (bushels)	15 ±
10.	Number of farmers testing seed for germination	None
11.	Number of bushels so tested	
12.	Number of demonstration acres threshed for grain	
13.	Acreage planted with pure or selected seed	None
14.	Number of demonstration acres cut for hay	
15.	Average yield of cured hay per acre on demonstrations (tons)	
16.	Increase per acre of cured hay on demonstrations over ordinary methods (tons)	
17.	Number of acres grazed off	
18.	Estimated value per acre of grazing	$
19.	Number of acres turned under for soil improvement	150
20.	How many bushels of seed were treated for smut, rust, etc.?	None
21.	How many farmers have you directly influenced to use better methods in growing this crop this year?	
22.	Estimate how many were indirectly influenced	15 ±

94-A (Use reverse side for remarks on this crop)

CEWS 920-H

G.W.Patteson Jr.
Space for agent's stamp

HAY, FORAGE, OR COVER CROPS

Martinsville Va.

NOTE: This form to be used for such crops as Alfalfa, Crimson, Alsike, Red, Bur and Sweet Clover, Lespedeza, Vetch, Vetch and Oats, - Wheat, or Rye, Crimson Clover and Oats - Wheat or Rye, Timothy; Mixed Grasses and Clovers; Sudan, Johnson and other grasses, Sorghum, Millet, etc. Any combination of these or other similar crops should be reported on this form, the name of the crop or combination to be entered in space below.

Alfalfa Demonstration
(Enter here the name of crop - separate sheet for each.)

1. Number of demonstrators _____
2. Number of demonstrators reporting _____
3. Total acreage in this crop grown under improved methods on demonstrations _____
4. Average yield per acre on demonstrations (tons of cured hay) _____
5. Estimated average yield per acre for entire county (tons of cured hay) 1
6. Number of acres cut for hay 150
7. Increased yield per acre of demonstrations over ordinary methods (tons of cured hay) _____
8. Number of acres grazed off None
9. Estimated value per acre of grazing $ _____
10. Number of cooperators 20
11. Total acreage grown under improved methods by cooperators 100
12. Average yield per acre by cooperators (tons of cured hay) 1.5
13. How many acres (if legume) were inoculated? All
14. How many farmers ordered inoculating material through you from U. S. Department of Agriculture? All who needed- About 10
15. How many demonstration acres were turned under for soil improvement? _____
16. Estimate total number of acres in county turned under by agent's advice _____
17. How many acres were sown this fall? 10
18. How many farmers have you directly influenced to use better methods in growing this crop this year? 10
19. Estimate how many were indirectly influenced 20

94-A (Use reverse side for remarks on this crop)

721

We have some land,mentioned before in this report,which is naturally very well suited to alfalfa,other legumes and hay.It has a chocolate red top soil and heavy subsoil of the same color.It usually has good surface drainage,lying on the hillsides off of the streams;but its main objection is that crops are inclined to winter kill on it,due to freezing up.This soil is found in irregular bodies over most of the county except the northern and southeastern portions,and embraces a fifth or less of the area of the county,The The largest single piece of alfalfa in the county(80 acres) is on this kind of soil on Smith river just out of Martinsville.

There is a common type with gray top and heavy red subsoil (Probably what is known as Cecil in the Bureau of Soils) which when in high state of cultivationand well limed,takes very well to alfalfa.All lands here require lime before a stand can be obtained.A great of the farmers who attempt to grow any only put in a few acres,and usually they follow the county agents advice closely.There has been an increasing number who have gone in for it in this way in the last few years,usually with success.The county agent does not believe it can ever occupy a more important place than that of several acres on the average farm.

Where the land is in good state of cultivation when seeded, and seasons are good,it produces from one to two tons per acre or even more.

CRS 920-H

G.W.Patteson Jr.
Space for agent's stamp

HAY, FORAGE, OR COVER CROPS

Martinsville Va.

NOTE: This form to be used for such crops as Alfalfa, Crimson, Alsike, Red, Bur and Sweet Clover, Lespedeza, Vetch, Vetch and Oats, - Wheat, or Rye, Crimson Clover and Oats - Wheat or Rye, Timothy; Mixed Grasses and Clovers; Sudan, Johnson and other grasses, Sorghum, Millet, etc. Any combination of these or other similar crops should be reported on this form, the name of the crop or combination to be entered in space below.

Crimson clover Demonstration
(Enter here the name of crop - separate sheet for each.)

1. Number of demonstrators
2. Number of demonstrators reporting
3. Total acreage in this crop grown under improved methods on demonstrations
4. Average yield per acre on demonstrations (tons of cured hay)
5. Estimated average yield per acre for entire county (tons of cured hay)
6. Number of acres cut for hay — None
7. Increased yield per acre of demonstrations over ordinary methods (tons of cured hay)
8. Number of acres grazed off
9. Estimated value per acre of grazing $
10. Number of cooperators — 25
11. Total acreage grown under improved methods by cooperators — 75
12. Average yield per acre by cooperators (tons of cured hay)
13. How many acres (if legume) were inoculated? — 15
14. How many farmers ordered inoculating material through you from U. S. Department of Agriculture? — 3
15. How many demonstration acres were turned under for soil improvement?
16. Estimate total number of acres in county turned under by agent's advic — 75
17. How many acres were sown this fall? — 100
18. How many farmers have you directly influenced to use better methods in growing this crop this year? — 50
19. Estimate how many were indirectly influenced — 25

94-A (Use reverse side for remarks on this crop)

Crimson clover has quite a general use as a cover crop, usually being seeded in corn at the last working to be turned under in the spring for some other crop. Of course, some is seeded in other ways for the same purpose. A negligible part is cut or grazed here.

Very poor stands were obtained this year due to the summer and early fall drouth - In some cases none. About an average crop was seeded.

CEWS 920-H

G.W.Patteson Jr.
Space for agent's stamp

HAY, FORAGE, OR COVER CROPS

Martinsville Va.

NOTE: This form to be used for such crops as Alfalfa, Crimson, Alsike, Red, Mammoth and Sweet Clover, Lespedeza, Vetch, Vetch and Oats, - Wheat, or Rye, Crimson Clover and Oats - Wheat or Rye, Timothy; Mixed Grasses and Clovers; Sudan, Johnson and other grasses, Sorghum, Millet, etc. Any combination of these or other similar crops should be reported on this form, the name of the crop or combination to be entered in space below.

Mixed grasses

Red top, red clover, orchard grass, etc. Demonstration
(Enter here the name of crop - separate sheet for each.)

1. Number of demonstrators _____
2. Number of demonstrators reporting _____
3. Total acreage in this crop grown under improved methods on demonstrations _____
4. Average yield per acre on demonstrations (tons of cured hay) _____
5. Estimated average yield per acre for entire county (tons of cured hay) 1½
6. Number of acres cut for hay 500
7. Increased yield per acre of demonstrations over ordinary methods (tons of cured hay) _____
8. Number of acres grazed off _____
9. Estimated value per acre of grazing $ _____
10. Number of cooperators 50
11. Total acreage grown under improved methods by cooperators 250
12. Average yield per acre by cooperators (tons of cured hay) _____
13. How many acres (if legume) were inoculated? _____
14. How many farmers ordered inoculating material through you from U. S. Department of Agriculture? _____
15. How many demonstration acres were turned under for soil improvement? _____
16. Estimate total number of acres in county turned under by agent's advice _____
17. How many acres were sown this fall? 50
18. How many farmers have you directly influenced to use better methods in growing this crop this year? 30
19. Estimate how many were indirectly influenced 50

94-A (Use reverse side for remarks on this crop)

Various grass mixtures usually including red top and red clover are sown each year. They produce small average yields. The total acerage, compared with the needs, is also small; but more hay is produced from these mixtures than in any other way. Much hay is shipped in annually.

Much grass is still seeded in the spring.

CEWS 920-H

G. W. Patteson, Jr.
Space for agent's stamp

HAY, FORAGE, OR COVER CROPS

Martinsville Va.

NOTE: This form to be used for such crops as Alfalfa, Crimson, Alsike, Red, Bur and Sweet Clover, Lespedeza, Vetch, Vetch and Oats, - Wheat, or Rye, Crimson Clover and Oats - Wheat or Rye, Timothy; Mixed Grasses and Clovers; Sudan, Johnson and other grasses, Sorghum, Millet, etc. Any combination of these or other similar crops should be reported on this form, the name of the crop or combination to be entered in space below.

Sweet clover, sudan grass, vetch, etc. Demonstration
(Enter here the name of crop - separate sheet for each.)

1. Number of demonstrators _____
2. Number of demonstrators reporting _____
3. Total acreage in this crop grown under improved methods on demonstrations _____
4. Average yield per acre on demonstrations (tons of cured hay) _____
5. Estimated average yield per acre for entire county (tons of cured hay) _____
6. Number of acres cut for hay _____
7. Increased yield per acre of demonstrations over ordinary methods (tons of cured hay) _____
8. Number of acres grazed off _____
9. Estimated value per acre of grazing $ _____
10. Number of cooperators _____
11. Total acreage grown under improved methods by cooperators _____
12. Average yield per acre by cooperators (tons of cured hay) _____
13. How many acres (if legume) were inoculated? _____
14. How many farmers ordered inoculating material through you from U. S. Department of Agriculture? _____
15. How many demonstration acres were turned under for soil improvement? _____
16. Estimate total number of acres in county turned under by agent's advice _____
17. How many acres were sown this fall? _____
18. How many farmers have you directly influenced to use better methods in growing this crop this year? _____
19. Estimate how many were indirectly influenced _____

9½-A (Use reverse side for remarks on this crop)

Sec 6.

SWEET CLOVER - During the past several years a half dozen people have tried this for pasture and as aland improver,and have been much pleased with results.I saw one man's pasture this spring which had sweet clover in the mixture and it afforded excellent grazing - The stock were eating it too.

Spring seeding does well and is usually practiced.Inoculation is used.Liming as needed and practiced to some extent.

I hope and expect to see a more general use of this crop.

SUDAN GRASS - A very considerable quantity of this is being sown for hay,usually mixed with cowpeas or soy beans.It comes in best with early maturing varieties of these summer legumes,and is gaining some popularity.It seems to be preferred to the millits, etc.There were about a dozen growers this year with small acerages.

VETCH - There are perhaps fifteen who grow this as a winter cover crop and it does well.Its more general use would be benificial.

CLOVERS - Practically all colvers are seeded in the spring and do well when put out at this time.All hay saved is for home use, consequently weeds are not regarded as very objectionable.The crop is generally turned under after one or two years(Depending on the variety and the pirpose for which seeded).Alsike,sepling, white(In pasture),and lespedeza in addition to those already mentioned,are all used to a varying extent.

CEWS 920-I

G.W.Patteson Jr.
Space for agent's stamp

SUMMER LEGUMES

(Cowpeas, Soy Beans, Velvet Beans, Peanuts, etc.)

Martinsville Va.

Cowpeas Demonstration
(Name of crop - separate sheet for each)

1.	Number of demonstrators	
2.	Number of demonstrators reporting	
3.	Total acreage of this crop grown under improved methods on demonstrations	
4.	Average yield per acre on demonstrations (bushels of seed)	
5.	Average yield per acre on demonstrations (tons cured hay)	
6.	Estimated average yield per acre for entire county (bushels of seed)	
7.	Estimated average yield per acre for entire county (tons cured hay)	1.5
8.	Increasd yield per acre on demonstrations over ordinary methods (bushels of seed)	
9.	Increased yield per acre on demonstrations over ordinary methods (tons cured hay)	
10.	Number of cooperators	40
11.	Total acreage grown under improved methods by cooperators	135
12.	Average yield per acre by cooperators (bushels of seed)	
13.	Average yield per acre by cooperators (tons cured hay)	2
14.	Number of farmers testing seed for germination	None
15.	Total number of bushels seed so tested	
16.	Acreage planted with pure or selected seed	
17.	Total acreage of demonstrators and cooperators threshed for seed	None
18.	Total acreage of demonstrators and cooperators cut for hay	75
19.	Number of acres grazed off	
20.	Estimated value per acre of grazing	$
21.	Total number of acres turned under for soil improvement	50
22.	Total number of acres inoculated - by Department cultures	None
23.	Total number of acres inoculated - by inoculated soil	None
24.	Total number of acres inoculated - by commercial cultures	None
25.	Give estimate of the number of acres in your territory which were planted this year to this crop due to your influence	30
26.	How many farmers have you directly influenced to use better methods in growing this crop this year?	15
27.	Estimate how many were indirectly influenced	30

(Use reverse side for remarks on this crop)

94-A

Cowpeas are considered a valuable crop for hay, land improvement, and to some extent food. The varieties used are Whippoorwill, Clay, Iron, and a few Brabhams. Mixed peas are also used. Price often determines the variety grown, though some preference is given to pure strains of varieties such as Whippoorwill. No seed are threshed. Some hand pick and clean considerable quantities, but much is brought in each year. Considerable quantities are sown for hay in mixtures of sudan, millet, or some such grass. Some sow the peas in rows or broad cast, alone, and after picking a few cut the remainder for hay. Seeding in corn at the last working is practiced for land improvement.

The great value of cowpeas is generally appreciated but needs to be agitated.

CEWS 920-I

G.W.Patteson Jr.
Space for agent's stamp

SUMMER LEGUMES

(Cowpeas, Soy Beans, Velvet Beans, Peanuts, etc.)

Martinsville Va.

Soy beans Demonstration
(Name of crop - separate sheet for each)

1.	Number of demonstrators	
2.	Number of demonstrators reporting	
3.	Total acreage of this crop grown under improved methods on demonstrations	
4.	Average yield per acre on demonstrations (bushels of seed)	
5.	Average yield per acre on demonstrations (tons cured hay)	
6.	Estimated average yield per acre for entire county (bushels of seed)	
7.	Estimated average yield per acre for entire county (tons cured hay)	1.5
8.	Increased yield per acre on demonstrations over ordinary methods (bushels of seed)	
9.	Increased yield per acre on demonstrations over ordinary methods (tons cured hay)	
10.	Number of cooperators	25
11.	Total acreage grown under improved methods by cooperators	50
12.	Average yield per acre by cooperators (bushels of seed)	
13.	Average yield per acre by cooperators (tons cured hay)	2
14.	Number of farmers testing seed for germination	None
15.	Total number of bushels seed so tested	
16.	Acreage planted with pure or selected seed	
17.	Total acreage of demonstrators and cooperators threshed for seed	None
18.	Total acreage of demonstrators and cooperators cut for hay	50
19.	Number of acres grazed off	
20.	Estimated value per acre of grazing	$
21.	Total number of acres turned under for soil improvement	
22.	Total number of acres inoculated - by Department cultures	8
23.	Total number of acres inoculated - by inoculated soil	None
24.	Total number of acres inoculated - by commercial cultures	None
25.	Give estimate of the number of acres in your territory which were planted this year to this crop due to your influence	25
26.	How many farmers have you directly influenced to use better methods in growing this crop this year?	5
27.	Estimate how many were indirectly influenced	20

(Use reverse side for remarks on this crop)

94-A

Soy beans are not so widely grown as cowpeas, but have come into quite general use in the last few years. Wilson, Virginia, and Mammoth Yellow are the varieties most commonly seen. Soy beans are rarely seeded in the spring untilafter corn, tobacco, and other major crops are in. This makes the quicker maturing varieties best suited to general needs. Also, the quick ## maturing varieties come in better in mixture with Sudan grass and the like.

Practically all soy beans grown are seeded for hay, in mixtures or alone. No seed of any consequence is saved, and the crop is not often used expressly for land improvement. They are growing in popularity and will continue to do so, I think.

OEWS 920-J

G.W.Patteson Jr.

Space for agent's stamp

IRISH POTATOES

Martinsville Va.

1. Number of demonstrators _____
2. Number of demonstrators reporting _____
3. Total acreage of potato demonstrations _____
4. Average yield per acre on demonstrations (bushels) _____
5. Estimated average yield per acre for entire county (bushels) _____
6. Estimated number of acres planted with treated seed _____
7. Estimated number of acres on which foliage was treated for diseases and insects pests _____
8. How many farmers used certified seed through your influence? _____
9. Total acreage planted with certified seed _____
10. How many farmers have you directly influenced to use better methods in growing this crop this year? _____
11. Estimate how many were indirectly influenced 10

Irish potatoes are only grown in gardens here. No attempt is made to grow a commercial crop and very few individuals sell any at all.

A large part of the seed comes from the North each year.

(Use reverse side for additional remarks on this crop)

9-A

CEWS 920-J2

G.W.Patteson Jr.

Spece for agent's stamp

SWEET POTATOES

Martinsville Va.

1.	Number of demonstrators	
2.	Number of demonstrators reporting	
3.	Total acreage of potato demonstrations	
4.	Average yield per acre on demonstrations (bushels)	
5.	Estimated average yield per acre for entire county (bushels)	100
6.	Estimated number of acres planted with treated seed	
7.	Estimated number of acres on which foliage was treated for diseases and insect pests	
8.	Estimated increased acreage this year over last year due to county agent's work	
9.	How many storage houses built this year?	
10.	Total capacity of these storage houses (bushels)	
11.	How many storage houses in county?	
12.	Total capacity of storage houses in county (bushels)	
13.	Total number of bushels put in storage this year (bushels)	
14.	How many farmers have you directly influenced to use better methods in growing this crop this year?	
15.	Estimate how many were indirectly influenced	8

These are only of importance as a garden crop, and are generally grown as such. One man I have in mind has from one to two acres each year and successfully keeps them through the winter in an underground storage room. He is the only grower I know who attempts to raise any considerable quantity for sale.

(Use reverse side for additional remarks on this crop)

94-A

CEWS 920-K

G.W.Patteson Jr.

Space for agent's stamp

O R C H A R D S

Martinsville Va.

1. Number of demonstration home orchards - - - - - (Apple) (Peach) (Other) _____ _____ _____

2. Total number of trees in these demonstrations _____

	Orchards	Trees
3. Orchards inspected by agrnt	35	5000
4. Orchards pruned due to your influence	25	3000
5. Orchards sprayed due to your influence	15	2500
6. Peach orchards treated for borers due to your influence	15	600
7. Orchards planted due to your influence	5	150
TOTAL	95	11250

8. How many commercial orchards in your county - Apple 4 Trees 4500

9. How many commercial orchards in your county - Peach 2 Trees 1000

10. How many commercial orchards in your county - Other _____ Trees _____

11. How many commercial orchards have you assisted in caring for? 3

12. How many trees did you actually spray? 6

13. How many trees did you actually prune? 390

14. How many trees did you actually worm? 40

15. Estimated value of increased production due to demonstration methods $ _____

16. Report of special campaigns, results, etc.

(Use reverse side for additional remarks)

94-A

Some interest has been taken in commercial orcharding here in the past few years.Of the four small commercial ones in the county,two were set out in the past two years and the other two are just about to bearing age - A small amount of fruit has been from each of them.These orchards should do well.

The county agent has more than he can do through the winter on orchard work,-mostly home orchards.

CEWS 920-L

G.N.Patteson Jr.
Space for agent's stamp

H O R S E S

Martinsville Va.

1. How many pure-bred stallions have been brought into the county this year, due to your influence? _____

2. How many pure-bred jacks brought in due to your influence? _____

3. How many brood mares brought in due to your influence? _____

4. How many demonstrations in feeding horses or mules? _____

5. How many horses or mules in these demonstrations _____

(Report results under "Remarks")

6. How many horses or mules fed and cared for according to methods you have advocated? 50

7. How many pure-bred stallions in county now? None

8. How many pure-bred jacks in county now? 2

R E M A R K S :

Native horses are rather small and inferior. A considerable part of the needs is imported each year. There is little fencing and pastures are poor or lacking altogether, consequently the farmers are not in position to raise them economically.

(Use reverse side for additional remarks)

94-A

CEWS 920-M

G.W.Patteson Jr.
Space for agent's stamp

DAIRY CATTLE

Martinsville Va.

1. How many head of pure-bred bulls have been brought into the county this year through your influence? _____
2. How many head of pure-bred cows or heifers have been brought into the county this year through your influence? _____
3. How many head of pure-bred dairy cattle have you assisted your farmers in selling this year - through individual sales? _____
4. How many head of pure-bred dairy cattle have you assisted your farmers in selling this year - through group sales? _____
5. How many grade dairy cows have been brought into the county for breeding purposes this year through your influence? _____
6. How many cows have been tested at your instance to determine the profitable milk producers? _____
7. Do you carry or own a Babcock tester? No
8. How many farmers have been induced to feed a better balanced ration to their stock? 5
9. How many head of stock so fed? 30
10. How many demonstrations in dairy work have you supervised? _____
11. How many cows in these demonstrations? (Report results under "Remarks") _____
12. How many new cream stations established this year due to your influence? _____
13. How many cream stations in county? None
14. How many new cream routes established this year due to the influence of the county agent's work? _____
    (If creameries have been established make report)
15. How many cheese factories in your county? None
16. How many cheese factories established in your county this year? _____
17. How many pure-bred dairy bulls in the county now? 4
18. How many pure-bred dairy cows in the county now? 25

CEWS 920-M2

G.T.W. Patteson Jr.
Space for agent's stamp

DAIRY CATTLE (Continued)

Martinsville Va.

19. How many cow testing associations established this year due to your influence? (Give report if any) _____

20. How many dairy breeders' associations established this year due to your influence? (Give report if any) _____

21. How many dairy bull associations established this year? _____

22. Number of members in these associations _____

23. Number of bulls in these associations _____

24. Total number of cows kept by members of these associations _____

25. Total number of bull associations now in operation in your county None

There is only one man in the county having dairy farming as the main business and he moved in October 10th just past. He has a tuberculin tested herd of about 20 Holstein cows and a bull, all purebreds except about 5 cows which are good grades. He understands his business and I believe will succeed. The possibilities are good for a moderate size well conducted dairy.

There a number of farmers who sell milk from a few grade cows. Most of them use scrub sires.

(Use reverse side for remarks)

94-A

CEWS 920-N

G.W.Patteson Jr.

Space for agent's stamp

B E E F C A T T L E

Martinsville Va.

1. How many head of pure-bred bulls have been brought into the county this year through your influence? _____

2. How many head of pure-bred cows or heifers have been brought into the county this year through your influence? _____

3. How many head of pure-bred beef cattle have you assisted your farmers in selling this year - through individual sales? _____

4. How many head of pure-bred beef cattle have you assisted your farmers in selling this year - through group sales? _____

5. How many head of grade cows have been brought into the county this year for breeding purposes, through your influence? _____

6. How many beef breeding herds were started this year due to your influence? 2

7. How many head of feeding cattle have been brought into the county this year through your influence? _____

8. How many beef feeding demonstrations did you supervise? _____
9. How many cattle in these feeding demonstrations? _____

10. On how many of these demonstrations were records kept? _____

(Give methods, dates, and results in dollars, gains made, cost of gains, total profit, etc., under "Remarks")

11. Estimate the number of beef cattle cared for according to methods which you advocated - where methods were wholly followed _____

12. Estimate the number of beef cattle cared for according to methods which you advocated - where methods were partially followed _____

(Give results of these methods and special campaigns along beef cattle lines under "Remarks")

13. Number of beef cattle breeders' associations or clubs formed _____
14. Number of members of such associations or clubs _____

15. Number of pure-bred beef bulls in county now? 6

16. Number of pure-bred beef cows in county now? 12

CEWS 930-F

G.W.Patteson Jr.

Space for agent's stamp

D I P P I N G V A T S

Martinsville Va.

1. How many dipping vats have been built through your influence this year?_____
2. How many have you helped to construct? _____
3. How many have you helped to fill with the solution? _____
4. For how many have you tested the solution? _____
5. Total number built in county by all forces during the year _____
6. Total number in the county at this time _____
7. Estimate the total number of cattle dipped during the year _____

We have none in the county and I do not believe wirk is needed along at present.

(For additional remarks use reverse side of this sheet)

94-A

CEWS 920-Q

G.W.Patteson Jr.
Space for agent's stamp

H O G S

Martinsville Va.

1. How many head of pure-bred boars have been brought into the county this year due to your influence? 10

2. How many head of pure-bred sows or gilts have been brought into the county this year due to your influence? 9

3. How many head of pure-bred hogs have you assisted your farmers in selling this year - through individual sales? 12

4. How many head of pure-bred hogs have you assisted your farmers in selling this year - through group sales?

5. How many herds of pure-bred hogs have been started through your influence? 10

6. How many hog feeding demonstrations did you supervise?

7. How many hogs in these demonstrations?

8. On how many of these demonstrations were records kept?

9. How many self-feeders secured at your suggestion?

10. How many farmers have you induced to start the growing of grazing crops for hogs? 5

11. Estimate number of hogs fed or cared for according to methods which you advocated 13

12. Give number of pure-bred boars in county now 35

We have gotten in quite a number of purebred sows and boars this year. With a few exceptions they have all been Durocs. I believe some really effective work has been done on improving the stock. The stock of hogs is getting to be fairly respectable, due to the prolonged effort of the past several years - Far better than any of the other livestock.

Few use pastures to any extent, but I hope this condition will be changed in time.

(For remarks, incidents, &c., use other side and additional sheets if necessary)

9a-A

CEWS 920-R

G.H.Patteson Jr.
Space for agent's stamp

SHEEP AND GOATS

Martinsville Va.

1. How many head of pure-bred rams have been brought into the county this year through your influence? _____

2. How many head of pure-bred ewes have been brought into the county this year through your influence? _____

3. How many head of pure-bred sheep and goats have you assisted your farmers in selling this year - through individual sales? _____

4. How many head of pure-bred sheep and goats have you assisted your farmers in selling this year - through group sales? _____

5. How many grade ewes have been brought into the county this year for breeding purposes due to your influence? _____

6. How many flocks have been started? _____

7. How many sheep-feeding demonstrations did you supervise? _____

8. How many sheep in these demonstrations? _____

9. On how many of these demonstrations were records kept? _____

10. How many farmers did you induce to grow grazing crops for sheep? _____

11. Estimated number of sheep fed or cared for according to methods which you advocated _____

12. Number of pure-bred rams in county now 8

13. Number of pure-bred ewes in county now _____

14. Report results of campaign for more sheep, eradication of dogs, etc., under "Remarks".

There are four or five flocks in the county with a total of less than 100 sheep in them, and one flock of about 50 goats. Lack of fencing and pastures has held the industry back, as it has all other livestock raising.

(For additional remarks, etc., use reverse side of sheet)

94-A

OEWS 920-S

G.W.Patteson Jr.

Space for agent's stamp

P O U L T R Y

Martinsville Va.

1. Number of poultry demonstrations _____

2. Number of each kind of poultry grown and cared for according to methods which you advocated
   (Chickens _____
   (Ducks _____
   (Guineas _____
   (Turkeys _____
   (Geese _____

   T O T A L _____

3. On how many farms has poultry management been improved as a result of your work? _____

4. How many birds on these farms? _____

5. How many communities have adopted a standard variety of poultry? _____

6. On how many cream routes are poultry products collected? _____

7. How many flocks culled through your efforts? _____

8. Number of birds in flocks culled _____

9. Number of birds eliminated through culling _____

10. How many farmers were induced to raise standard bred poultry this year? _____

11. How many demonstrators were induced to practice early hatching? _____

12. How many winter feeding demonstrations? _____

13. Number of birds in these demonstrations? _____

14. Number of new poultry houses erected at your suggestion _____

15. Number of poultry houses remodeled at your suggestion _____

16. Report on reverse side of this sheet any work done on poultry diseases.

(For additional remarks use reverse side of this sheet)

94-A

CEWS 920-T

G.W.Patteson Jr.

Space for agent's stamp

LIVE STOCK DISEASES AND PESTS

Martinsville Va.

1. How many demonstrations have been conducted through your influence in treating or testing livestock for the control of the following:

		Demonstrations	* Animals treated
CATTLE	(Blackleg		
	(Anthrax or charbon		
	(Digestive and other troubles	1	5
	(Tuberculosis		
	(Ticks		
	(Lice		
HOGS	(Cholera (single treatment)		
	(Cholera (simultaneous treatment)		
	(Digestive and other troubles		
	(Worms		25
	(Lice		40
	(Mange		
SHEEP	(Stomach worms		
	(Digestive and other troubles		
	(Grubs		
	(Scab		
	(Ticks		
HORSES	(Spinal meningitis		
	(Digestive ailments		
	(Anthrax or charbon		
	(Distemper		
	(Accidents		
	(Other troubles		

2. State in how many of the above demonstrations you actually treated livestock to demonstrate the method of treatment and the number of animals actually treated by you:

	Demonstrations	Animals
CATTLE, for Blackleg		
CATTLE, for Tuberculosis		
CATTLE, for Anthrax or charbon		
HOGS, for Cholera		
HORSES, for Anthrax or charbon		

3. Have you instruments for such demonstrations? No

4. Report results of treatments and of campaigns for eradication or control of diseases or pests under "Remarks" (Use reverse side of sheet).

* Include all animals treated through your influence.

94-A

OEWS 920-U

G.W.Patteson Jr.
Space for agent's stamp

F E R T I L I Z E R S

Martinsville Va.

1. How many farmers have you advised regarding the proper use of fertilizers? 40
2. How many fertilizer demonstrations are the farmers conducting with you? _____
3. Total acreage in these demonstrations _____
4. How much fertilizer used on such demonstrations? (tons) _____
5. How many communities have you influenced to buy fertilizers cooperatively? 3
6. Quantity bought cooperatively (tons) 75
7. Value of fertilizer bought cooperatively (actual price paid by cooperative purchase) $_____
8. Total amount saved by cooperative purchases $_____
9. Number of farmers home-mixing fertilizer on your advice None
10. Estimated number of tons home-mixed _____
11. Estimated saving to farmers (per ton) $_____

Large quantities of commercial fertilizers are used -most of it for tobacco - but only a small portion is bought cooperatively. Weak farm organizations account largely for this.

(For additional remarks use reverse side of sheet)

34-A

OEWS 920-V

G.W.Patteson Jr.

Space for agent's stamp

M A N U R E

Martinsville Va.

1. How many farmers have you induced to take better care of farm manure? 10
2. How many have provided manure sheds at your suggestion? _____
3. How many are composting farm manure and waste products? _____
4. How many manure spreaders have been secured this year through your influence? 1
5. How many farmers are using phosphate or other material for reenforcing farm manure? _____

On account of the relatively small amount of livestock, this does not occupy a very big part in the county agent's work. Some is needed, of course, and some is being done.

(For additional remarks use reverse side of this sheet)

34-A

OEWS 920-W

G.W.Patteson Jr.

Space for agent's stamp

S I L O S

Martinsville Va.

1. How many silos have been built in your county this year? 1
2. How many silos built this year as a result of your advice? _____
3. How many silos are in county now? 3
4. Of the number of silos in county now there are:

Tile	_____
Cement	_____
Stave	3
Stone	_____
Pit	_____
Other	_____
TOTAL	3

No comment to make. Silos are not needed until there is stock to feed.

(For additional remarks use reverse side of sheet)

94-A

OEP 920-X

G.W.Patteson Jr.
Space for agent's stamp

L I M E

Martinsville Va.

1.	Number of demonstrators	
2.	Number of demonstrators reporting	
3.	Total number of acres in lime demonstrations	
4.	How many farmers, other than demonstrators, used lime this year due to your influence?	10
5.	Quantity of burned lime used (tons)	
6.	Quantity of limestone or its equivalent used (tons)	90
7.	Total number of acres treated this year	45
8.	Number of local sources of lime developed	
9.	Number of lime crushers installed as a result of your work	
10.	Number of lime kilns built as a result of your work	
11.	Number of lime sheds constructed as a result of your work	
12.	Number of carloads shipped into your county	3
13.	Number of farms on which soil was tested for acidity	

All land in this county needs lime, and many of the people appreciate the fact, but it is not thought good for bright tobacco and as grasses, etc occupy a secondary place, it has not come into general favor. We have organized one lime association this year and are putting up a lime bin, and expect to agitate the question of the more general use of lime more strongly next year.

(For additional remarks use reverse side of this sheet)

6-A

OES 220-1

G.W.Patteson Jr.
Space for agent's stamp

FARM AND FARMSTEAD IMPROVEMENTS

Martinsville Va.

THINGS DONE WITH AGENT'S ASSISTANCE AND ADVICE

	Dwelling	Other	
1. Number of buildings erected			
2. Number of farm buildings improved			
3. Number of new building plans furnished		6	
4. Number of farm buildings painted or whitewashed		2	
5. Number of home water systems installed or improved this year			3
6. Total number of such systems in county now about			11
7. Number of home lighting systems installed in county this year about			4
8. Total number of such systems in county now			8
9. Number of windmills erected this year			
10. Number of home grounds improved			
11. Number of farm and home sanitary conditions improved			
12. Number of homes screened against flies and mosquitoes			
13. Number of sanitary privies erected			
14. Number of septic tanks installed			
15. Number of telephone systems installed			
16. Number of farmers furnished plans and induced to adopt systematic crop rotations			6
17. Total acreage of such rotations			150
18. Number of new pastures established			
19. Total acreage of new pastures established			
20. Number of old pastures renovated			
21. Total acreage of old pastures renovated			

94-A

OEWS 920-Y2

G.W.Patteson Jr.
Space for agent's stamp

FARM AND FARMSTEAD IMPROVEMENTS (Continued)

Martinsville Va.

22. Number of drainage systems established in county _____
23. Number of farmers induced to drain all or part of their farms 4
24. Number of such acres drained - by tile 25
25. Number of such acres drained - by ditch 60
26. Number of farmers induced to remove stumps _____
27. Number of acres from which stumps were removed _____
28. Number of farmers induced to terrace their sloping lands _____
29. Total acreage so terraced _____
30. Number of home gardens planted or improved _____
31. Number of road improving demonstrations assisted in _____
32. Number of miles of improved roads resulting therefrom _____
33. Number of farmers who planted cover crops to be turned under 20
34. Number of new implements and tools bought:

Binders	_____	Plows	_____
Hay presses	_____	Hay loaders	_____
Gas engines	_____	Farm levels	_____
2-horse cultivators	_____	Grading machines	_____
Tractors	3	Hay rakes	_____
Motor trucks	_____	Ensilage cutters	_____
Corn Planters	_____	Cream separators	_____
Ditching machines	_____	Spraying machines	2
Mowers	_____	Manure spreaders	1
Grain drills	_____	Small tools	_____
Disk harrows	_____	_____	_____
1-horse cultivators	_____	_____	_____

OEWS 930-Z

G.K.Pattesson Jr.
Space for agent's stamp

MISCELLANEOUS EXTENSION WORK

Martinsville Va

1. Number of visits by agent to - -	Demonstrators - - - - - - - - - -	6
	Cooperators - - - - - - - - - - -	360
	Other farmers - - - - - - - - - -	355
	Business men - - - - - - - - - -	
	Boys' and girls' club members - -	226
	TOTAL	947
2. Number of miles traveled - - - -	Railroad - - - - - - - - - - - -	1740
	Team - - - - - - - - - - - - - -	
	Automobile - - - - - - - - - - -	7414
	Otherwise - - - - - - - - - - -	
	TOTAL	9154
3. Calls on agent at office and home relative to work - Personal		598
4. Calls on agent at office and home relative to work - Telephone		75
5. Number of farmers' meetings held under auspices of agent or Extension Division		19
6. How many meetings of all kinds, including field meetings, did you address?		56
7. Total attendance at these meetings (approximate)		3922
8. How many field meetings held by you?		6
9. Total attendance at these meetings		35

10. What per cent of time spent at office work? 20.28%	How divided?	Correspondence	50 %
		Conference	35 %
		Miscellaneous	15 %
		TOTAL	100 %
11. What per cent of time spent in field work? 79.71%	How divided?	Supervising regular demonstrations	25 %
		Other farm visits	20 %
		At meetings	5 %
		Assisted in short course work	%
		Organization and marketing	50 %
		TOTAL	100 %

CEWS 920-E2

G.W.Patteson Jr.
Space for agent's stamp

MISCELLANEOUS EXTENSION WORK
(Continued)

Martinsville Va.

12. Number of official letters written	506
13. Number of articles relating to your work prepared for publication	12
14. Number of different circular letters prepared by you and sent out	9
15. Total number of copies of such letters (Give list and copy of each, if possible)	1494
16. Number of bulletins or circulars of U. S. Department of Agriculture distributed	380
17. Number of bulletins or circulars from State college or State department of agriculture distributed	60
18. Number of visits to schools relating to work	41
19. In how many schools did you assist in outlining an agricultural course?	None
20. How many extension schools or short courses did you assist in?	None
21. Total attendance at these schools	
22. Total number of days you were engaged in these schools	
23. Number of farmers who attended short courses at colleges as a result of your effort	6
24. Number of club boys who entered college for first time this year	None
25. How many times have you been visited by specialists from college or the Department?	12
26. Was there a county fair held in your county?	Club Show
27. How many demonstrators, cooperators and club members had exhibits?	33
28. How many of these won prizes?	25
29. How many demonstrations have you in truck or small fruit?	None
30. How many were successful from a financial standpoint?	
31. How many farm account books distributed to farmers?	None
32. How many farmers in your county are keeping complete cost records at your instance?	None
33. How many farmers in your county are keeping partial cost records at your instance?	5

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OEWS 920-Z3

C.W.Patteson Jr.
Space for agent's stamp

MISCELLANEOUS EXTENSION WORK

(Continued)

Martinsville Va.

34. How many farmers in your county are practicing fall plowing as a result of county agent's work? 5

35. How many wood lots have been improved at your suggestion? None

36. How many farmers in your county have been influenced to grow sugar cane or sorghum for syrup? _____

37. How many farmers began keeping bees this year at your suggestion? _____

38. Number of hives involved in these demonstrations _____

39. How many farmers induced to transfer from old to improved hives? _____

40. Number of hives involved in these transfers _____

41. How many new queens introduced? _____

42. How many honey extractors purchased? _____

CROP	Improved seed secured		Improved seed offered for sale	
	Farms	Bushels	Farms	Bushels
Corn	2	1		
Cotton		(lbs)		(lbs)
Oats	1	5		
Potatoes				
Tobacco		(oz.)		(oz.)
Other				

(For additional remarks, reports, etc., use other side and extra sheets).

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CEWS 920-aa

G.W.Patteson Jr.

Space for agent's stamp

SPECIAL REPORT BY WHITE AGENTS ON WORK WITH

NEGRO FARMERS

Martinsville Va.

NOTE:- The data reported on this and following page must be included in your report on all work done. Negro agents need not report on these sheets.

1. Number of negro demonstrators (all crops) _____

2. Number of negro demonstrators reporting (all crops) _____

3. Total acreage of all crops grown under improved methods on negro demonstration farms _____

4. Number of negro cooperators (all crops) 10

5. Total acreage of all crops of negro cooperators 50

6. Number of negro farmers who planted pure or selected seed on their demonstrations _____

7. Number of negro farmers you have influenced to select seed for next year's crop _____

8. Estimated quantity of all seed selected by negro farmers (bushels) _____

9. Number of negro farmers who fall-plowed their demonstration acres _____

10. Approximately, how many negro farmers in your territory are following demonstration methods on their farms? _____

11. Name the principal crops grown under demonstration methods by negro demonstrators and cooperators _____

_____

12. Number of pure-bred animals bought by negro farmers at your suggestion - - - -

(Horses - - - - - - - - - _____
(Beef cattle - - - - - - - _____
(Sheep and goats - - - - - _____
(Dairy cattle - - - - - - _____
(Hogs - - - - - - - - - - _____
(Poultry - - - - - - - - - _____

13. Number of negro farmers who have produced practically all their home food and feed due to your influence _____

14. Number of negro agricultural clubs or community organizations formed this year for the general improvement of rural conditions _____

15. Number of members _____

CEWS 920-aa2

G.W.Patteson Jr.
Space for agent's stamp

SPECIAL REPORT BY WHITE AGENTS ON WORK WITH NEGRO FARMERS (Cont'd)

Martinsville Va.

16. Farm and rural improvements made due to agent's influence - - - -
(New houses built - - - - - - - - _____
(New barns built - - - - - - - - _____
(New schools built - - - - - - - _____
(New churches built - - - - - - - _____
(New toilets built - - - - - - - _____
(Buildings improved or repaired _____

17. Number of Farm Makers' Clubs organized this year _____

18. Number of members in these clubs _____

19. Number of Home Makers' Clubs organized this year _____

20. Number of members in these clubs _____

There is a negro Home Demonstration Agent here, who does most of the work done with negroes. I have done considerable work in acquainting them with the Tobacco Marketing Association and a little other miscelaneous.

CEWS 920-bb

G.W.Patteson Jr.

Space for agent's stamp

SUCCESSFUL UNDERTAKINGS

Martinsville Va.

Each county agent will be expected to report three (3) important pieces of extension work attempted and successfully accomplished by him during the year. Details of your plan, method of procedure, and results, together with any other interesting facts and observations concerning each piece of work, should be included.

This sheet and as many additional sheets as are necessary should be used for this purpose.

7A 2-1

Almost half of my time has been taken on getting the Cooperative Tobacco Marketing Association started, and much work will continue to have to be put on it through 1922. What has been accomplished on this, has been done by many talks to farmers in gatherings and unending personal visits and consultations. We now have about 600 members to the Association in the county and have a fairly strong county organization. Getting together a good county organization has been difficult. It has been hard to get the right men at the head of it. We have made some changes and may have to make more.

Work in connection with this Tobacco Ass'n is probably the biggest single thing I have done.

The next largest thing is, of course, club work. This has taken about as much time as the Tobacco Ass'n. I carried through the year approximately 50 corn and pig club members. All of the corn

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SUCCESSFUL UNDERTAKINGS (Cont'd)

club boys except two or three used pure seed, which I got for them, and I believe the results from its use will enable me to get several growers of certified seed in 1923. And largely through the influence of the club boys' hogs, we have been able to get over 40 purebred Durocs placed in the county during the year, and possibly half of them will really be kept for breeding. Another thing about club work which must be mentioned, is that we sent 9 boys to Blacksburg to the Short Course. A portion of the expence money was raised by entertainments during the summer and the individuals paid the rest. Nine girls were sent by the Home Demonstration Agent, also.

Our years work was brought to a fairly fitting climax on Oct. 23 by our club show. We started out early in the year, with the Kiwanis Club of Martinsville behind us, to have a regular county fair, and asked the Club to back us to the extent of $3000.00, which was agreed to. We went ahead and got out some advertising and began work. Along in the early summer at a meeting of the Kiwanis Club regarding finances, it was decided that on account of bad business and the dry year, the fair had better be called off. This was done - The Club taking the responsibility. Most of the work up ot htis time was wasted. However, at this meeting, the Club pledged to back us to the extent of $700.00 for a children's club show. We went ahead with the work, and announced the date and prize list. A new garage was gotten to hold the show in and it proved to be what we called a success. There were many club exhibits and they were good. Besides the club work, we had general farm exhibits, Red Cross, health department, exhibits by local manufacturers and stores, etc. The show was of great help in placing our work before the public, and should prove of value from this view point as well as others, during the coming year.

OEWS 920-cc

G.W.Patteson Jr.

Space for agent's stamp

BOYS' CLUB WORK

General

Martinsville Va.

1.	Number of organized community agricultural clubs in county	6
2.	Number of community meetings held	22
3.	Number of county club meetings held this year for business purposes	1
4.	Number of encampments or short courses held in county for instruction and recreation	
5.	Number of club boys sent to short courses or State encampments	9
6.	Number of club boys entering college for the first time this year	None
7.	Number of club boys sent to the state fair this year	None
8.	Number of club boys sent on other educational trips this year	None

Explain:

9.	Number of club shows and exhibits held this year	1
10.	Value of prizes won by club boys on Crops	$ 39.50
11.	Value of prizes won by club boys on Animals	$ 113.00
12.	Number of banks or individuals that loaned money to club boys to buy seed, livestock, etc.	1
13.	Approximate total amount so loaned	$ 13.00
14.	Amount lost, if any, because of these loans	$ None
15.	Number of boys who have their own bank account	

BOYS' CLUB MARKETING

BUYING and SELLING

Article	Quantity (Bu., lbs. or tons)	Purchase price	Local price	Saving to members
BOUGHT				
		$	$	$
SOLD				

BOYS' CLUB WORK

Human Interest Features

Furnish at least three human interest stories, with pictures if possible. Use separate sheet if necessary.

In the Ridgeway club competitive spirit is particularly strong and the three boy pig club members made almost daily rounds to see each others pigs,and would get very jealous if I visited one and not the others.This club got two firsts and a second on pigs this year,and a first and a second last year.

I had one corn club boy who lived with his grandparents - all of their children having moved to themselves.I was showing the boy how to field select his seed corn,when the old gentleman asked me to show him.I done this,and he picked a lot and asked me to come back and go over what he had picked ,and also tell him how to take care of it.

I have two girls in the corn club this year.They had an acre between them and won thied prize.They have taken a very keen interest in selecting their seed and have already sold considerable to others.They are going to be in the club again next year.

RECORD OF CROPS REPORTED BY BOYS' CLUBS										ESTIMATE FROM CLUBS NOT REPORTING		
Kind of Club	Total enrollment	Number of acres	Complete reports received	Total production (bushels or pounds)	Average yield per acre	Average cost per bushel or pound	Total cost of production	Total value of crop	Total profit	Number of members	Estimated total production	Estimated total value
Corn	20	20	15	Bu. 483½	Bu. 32¼	82-4	$395.44	$477.40	$81.96	5	Bu. 155	$139.50
Peanuts				Bu.	Bu.						Bu.	
Peanut hay				Tons	T.						T.	
Irish potatoes				Lbs.	Bu.						Bu.	
Sweet "				Lbs.	Bu.						Bu.	
Grain sorghum				Bu.	Bu.						Bu.	
Wheat				Bu.	Bu.						Bu.	
Oats				Bu.	Bu.						Bu.	
Peas				Bu.	Bu.						Bu.	
Pea hay				Tons	T.						T.	
Soy beans				Bu.	Bu.						Bu.	
Soy bean hay				Tons	T.						T.	
Velvet beans				Bu.	Bu.						Bu.	
Seed cotton				Lbs.	Lb.						Lb.	
Miscellaneous												

Number of bushels of purebred seed corn distributed to club boys 3/4

Number of bushels of other purebred seed distributed to club boys 2 3/4

How many club members planted catch crops (beans, peas, etc.)? 6

OES 920-44

Kind of Club	RECORD OF LIVESTOCK REPORTED BY BOYS' CLUBS: Enrollment in clubs	Complete reports received	Total number of animals	Total initial weight (pounds)	Total final weight (pounds)	Average cost per pound	Total cost	Total value	Total profit	ESTIMATE FROM CLUBS NOT REPORTING: Number members	Estimated total number pounds	Estimated total value
PIGS						$	$	$	$			$
Fattening dems.	15	11	11	331	3745	11½	322.54	349.99	27.45	4	800	102.00
Growing "	7	6	7	223	1652	11	198.24	214.76	16.52	1	535	70.01
Sow and litter "	3	3	3	751	936			160.00	131.39			
SHEEP												
Demonstrations												
BEEF CATTLE												
Fattening dems.												
Growing "												
Cow-calf "												
DAIRY CATTLE												
Growing dems.												
Cow-calf "												
MISCELLANEOUS												
Demonstrations												
	Number starting with birds	with eggs	Produced Birds	Doz eggs							No. of birds	Doz of eggs
POULTRY												
Demonstrations												

Number of purebred Pigs distributed to club boys---------- 23

" " grade " " " " "---------- None

" " purebred CALVES " " " "----------

" " grade " " " " "----------

" " purebred SHEEP " " " "----------

" " grade " " " " "----------

" " purebred POULTRY " " " "----------

" " EGGS from purebred poultry distributed to club boys (doz)----------

OES 920-842

RECORDS OF CROPS REPORTED BY FARM MAKERS CLUBS (Negro)

Kind of Club	Total enroll-ment	Number of acres	Com-plete reports received	Total production (bushels or pounds)	Aver-age yield per acre	Aver-age cost per bushel or pound	Total cost of produc-tion	Total value of crop	Total profit	ESTIMATE FROM CLUBS NOT REPORTING: Number of members	Estimated total produc-tion	Estimated total value
Corn				Bu.	Bu.	$	$	$	$		Bu.	$
Peanuts				Bu.	Bu.						Bu.	
Peanut hay				Tons	T.						T.	
Irish potatoes				Bu.	Bu.						Bu.	
Sweet potatoes				Bu.	Bu.						Bu.	
Grain sorghum				Bu.	Bu.						Bu.	
Wheat				Bu.	Bu.						Bu.	
Oats				Bu.	Bu.						Bu.	
Peas				Bu.	Bu.						Bu.	
Pea hay				Tons	T.						T.	
Soy beans				Bu.	Bu.						Bu.	
Soy bean hay				Tons	T.						T.	
Velvet beans				Bu.	Bu.						Bu.	
Seed cotton				Lbs.	Lbs.						Lbs.	
Miscellaneous												

Number of bushels of purebred seed corn distributed to club boys_____

Number of bushels of other purebred seed distributed to club boys_____

How many club members planted catch crops (beans, peas, etc.)? _____

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OEC 220-ee

RECORD OF L I V E S T O C K REPORTED BY FARM MAKERS' CLUBS (Negro)

Kind of club	Enrollment in clubs	Complete reports received	Total number of animals	Total initial weight (pounds)	Total final weight (pounds)	Average cost per pound	Total cost	Total value	Total profit	ESTIMATE FROM CLUBS NOT REPORTING: Number members	Estimated total number pounds	Estimated total value
PIGS						$	$	$	$			$
Fattening Dems.												
Growing "												
Sow and litter												
SHEEP												
Demonstrations												
BEEF CATTLE												
Fattening dems.												
Growing "												
Cow-calf "												
DAIRY CATTLE												
Growing dems.												
Cow-calf "												
MISCELLANEOUS												
Demonstrations												
POULTRY			Number starting		Produced						No. of Doz of	
Demonstrations			with birds	with eggs	Birds	Doz eggs					Birds	Eggs

Number of purebred PIGS distributed to club boys ---------- _____
" " grade " " " " " ---------- _____
" " purebred CALVES " " " " ---------- _____
" " grade " " " " " ---------- _____
" " purebred SHEEP " " " " ---------- _____
" " grade " " " " " ---------- _____
" " purebred POULTRY " " " " ---------- _____
" " Eggs from purebred poultry distributed to club boys (doz) _____

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OEWS 920-ee2

LIST OF BOYS MAKING 5 BEST RECORDS

CORN

Name	Address	Bushels	Variety	Cost per bushel	Net profit	Value of prizes
E. Claude Webster	Martinsville Va.	55	Boone	69¢	$ 17.15	$ 7.50
Clarence Harris	Ridgeway Va.	33½	"	72¢	15.00	5.00
Jessie Harris	Boxwood	33	Big Cob	75¢	12.00	3.00
Paul J. Davis	Ridgeway	40	Boone	53¢	17.75	2.00
William Kelly	Ridgeway	35	Cassy's	58¢	18.50	2.00

PEANUTS

Name	Address	Bushels of nuts	Pounds of hay	Cost per bushel	Net profit	Value of prizes
					$	$

POTATOES

Name	Address		Buchels	Cost per bushel	Net profit	Value of prizes
					$	$

GRAIN SORGHUMS

Name	Address	Bushels	Variety	Cost per bushel	Net profit	Value of prizes
					$	$

OEWS 920-ff

LIST OF BOYS MAKING 5 BEST RECORDS

COTTON

Name	Address	Pounds seed cotton	Pounds lint	Pounds seed	Cost per pound seed cotton	Net profit	Value of prizes
					$	$	$

PIGS - Fattening Demonstration

Name	Address	Number of animals	Original value	Final value	Total cost of gain	Profit	Value of prizes
Wallace McMahan	Ridgeway	One	$ 9.10	$ 38.25	$ 26.15	$ 3.00	$ 15.00
Homer Weaver	Martineville	"	9.00	36.08	24.25	2.83	9.00
Claude Kelly	Ridgeway	"	9.00	36.08	24.25	2.83	10.00
Willie Crouch	Martineville	"	9.00	37.16	16.03	2.13	7.50
James Richardson	Axton	"	9.00	32.90	21.32	2.58	5.00

PIGS - Growing Demonstration

Name	Address	Number of animals	Original value	Final value	Total cost of gain	Profit	Value of prizes
Eva M. Atkins	Ridgeway	One	$ 9.15	$ 40.00	$ 18.50	$ 13.35	$ 15.00
Robert Jones	Boxwood	"	9.00	40.00	24.24	6.76	10.00
Emory Pace	Martineville	"	9.00	37.00	11.64	6.36	7.50
Frank Lester	"	Two	25.00	70.00	50.00	30.00	None
Harvey Walker	Harry Walker	One	13.60	35.00	25.00	10.00	None

PIGS - Sow and Litter Demonstration

Name	Address	Number of animals	Original value	Final value	Total cost of gain	Profit	Value of prizes
Teddy Richardson	Leatherwood	One	$ 30.00	$ 80.00	$	$ 50.00	$ 15.00
Cyril Reynolds	Sandy River	One	50.00	50.00		40.50	
Percy Reynolds	" "	One	50.00	50.00		31.05	
	Profits made here were from pigs sold.						

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OEWS 920-ff2

LIST OF BOYS MAKING 5 BEST RECORDS

SHEEP Demonstration

Name	Address	Number of animals	Original value	Final value	Total cost of gain	Profit	Value of prizes
			$	$	$	$	$

BEEF CATTLE - Fattening Demonstration

Name	Address	Number of animals	Original value	Final value	Total cost of gain	Profit	Value of prizes
			$	$	$	$	$

BEEF CATTLE - Growing Demonstration

Name	Address	Number of animals	Original value	Final value	Total cost of gain	Profit	Value of prizes
			$	$	$	$	$

BEEF CATTLE - Cow-Calf Demonstration

Name	Address	Number of animals	Original value	Final value	Total cost of gain	Profit	Value of prizes
			$	$	$	$	$

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LIST OF BOYS MAKING 5 BEST RECORDS

DAIRY CALF - Growing Demonstration

Name	Address	Number of animals	Original value	Final value	Total cost of gain	Profit	Value of prizes
			$	$	$	$	$

DAIRY CALF - Cow - Calf Demonstration

Name	Address	Number of animals	Original value	Final value	Total cost of gain	Profit	Value of prizes
			$	$	$	$	$

POULTRY Demonstration

Name	Address	Number of birds	Total eggs produced	Total value	Total cost	Profit	Value of prizes
			dozen	$	$	$	$

MISCELLANEOUS Demonstration

Name	Address	Number of animals	Original value	Final value	Total cost of gain	Profit	Value of prizes
				$	$	$	$

OEMS 920-FF4