

VIRGINIA

PRINCE WILLIAM  
County

Annual Report

COUNTY AGENT 1937

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**REPORT FILES**  
OFFICE COOPERATIVE  
EXTENSION WORK

ANNUAL

NARRATIVE REPORT AND SUMMARY OF AGRICULTURAL EXTENSION WORK

CONDUCTED IN

PRINCE WILLIAM COUNTY, VIRGINIA

1937

F. D. Cox

COUNTY AGRICULTURAL AGENT

MANASSAS, VIRGINIA

COUNTY AGENT ANNUAL REPORT.

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COUNTY EXTENSION ORGANIZATION

The County Extension Committee in 1937 was made up of six community committees, each having a chairman and from three to eight additional members. Each committee also had a regular and alternate discussion leader.

Responsibility for the Agricultural Conservation Program, along with many details of the general soil improvement program, fell largely upon the County and Community Agricultural Conservation Committees. The county was subdivided into four so-called communities.

Officers of the County Dairy Herd Improvement Association, as in the past, served as a committee to assist with dairy improvement work with both members and non-members.

The Agent and some of the members of the County Extension Committee were members of the County Resettlement Committee. The Resettlement Supervisor was an active member of the Extension Committee.

Work with several of the community groups and with practically all the Community 4-H Clubs was carried out jointly with the Home Demonstration Agents.

Cooperation was received from and extended to the two High School Vocational Instructors in the county.

While there is a general County Extension Committee, it has been found that best results in any project can be attained by selecting only those members particularly interested to assist with that work. If other men who are particularly suited for certain projects are needed, they have been chosen even though not members of the county committee.

SOIL IMPROVEMENT

At a county meeting of committeemen and other representative farmers on January 19, soil improvement was chosen as the major extension project for the year.

Among the recommendations made at that time were:

- (1). That the use of more lime be promoted.
- (2). That the testing of soils to determine kind and quantity of fertilizers needed be extended.
- (3). That a larger acreage of permanent pastures be fertilized and limed.
- (4). That farmers participating in the Agricultural Conservation Program be impressed with the importance of using their payments toward the use of additional soil building practices in cases where they might be able to earn their full allowance by following their usual methods. Also that farmers with limited means be encouraged to make use of credit in order to use their full allowances toward bringing about farm improvement.
- (5). That additional farmers be given every opportunity to come into the conservation program.

Early in the year, a circular letter was mailed to all farmers explaining the comparative value of the different forms of agricultural lime, and the rates allowed by the conservation program for their use. At the same time, having soil tests made was urged and State ground limestone order blanks were enclosed. This was followed by two other similar letters during the year. Advantage was taken of the twenty-three group discussion meetings to give further information and to advise farmers of the testing service available.

Arrangements were made for several farmers to obtain Federal emergency loans for the purchase of lime. Cooperation in extending credit was also given by local distributors. Approximately 1,100 tons of carbide sludge, testing 58% calcium oxide, was obtained from an oxygen manufacturing plant free of cost. Because of a late start in starting the check-up of farm performance, no accurate report can be made of the total tons of lime used on farms in the conservation program, but a com-

servative estimate is that 25% more was used than in 1936. It is known that at least seventeen men used lime on their farms for the first time this year.

Following the sending of eighteen soil samples to the V. P. I. Agronomy Department in March, other samples were brought in to be forwarded from time to time. In August, a County Soil Clinic was held at which one hundred and three soil samples were tested and fertilizer and lime recommendations made to sixty farmers. Previous to and following the clinic, approximately seventy-five soil samples were taken and tested by a cooperating commercial agency. Approximately one hundred simple tests for lime requirements alone were made by the agent.

An effort was made through the use of repeated circular letters and newspaper articles, the bringing up of the subject at community and county meetings and through personal contacts to bring about a realization of the need for permanent pasture improvement. A conference was held with representatives of the five county banks, at their request, to discuss how they might cooperate in improving agricultural conditions. Pasture improvement was chosen as a practice for which favorable consideration would be given whenever possible, to applications for improvement material loans. It was recommended by the group that a meeting of representative farmers be held and some authority on the subject be invited. Later, Dr. T. B. Hutcheson presented results of pasture improvement experiments before thirty-eight farmers at a banquet sponsored and financed by the local Dairy Herd Improvement Association.

Twenty-seven farmers, known to the agent, used fertilizer on their pastures this year. It will probably be found that at least twenty-five others have carried out recommendations when the conservation program

supervisors' reports are checked. If results reported by men starting this work this year and earlier are indicative, there is every reason to believe that they will continue the practice and will influence others to do likewise.

Recommendations in 1937 and earlier were for the use of only Super-phosphate and lime, but after practically all general soil tests made during the year showed a lack of potash, and after conferring with Dr. T. B. Hutcheson, H. L. Dunton and others, the fertilizer recommendation will probably be changed to include some potash in 1938.

Under the supervision of H. L. Dunton, Assistant Agronomist, some local pasture fertilization experiments will be gotten under way in February, 1938.

Two hundred and twenty additional Soil Conservation Program work sheets were filed in 1937. This brought the total to six hundred and twenty nine. These cover approximately 650 of the 1583 farms listed by the 1935 census and 90% of the farms with large enough operations for the program to have practical application. In advising farmers as to rates for soil-building practices, those for seeding clovers and alfalfa, liming and fertilizing of established pastures have been emphasized.

Assistance was received from H. L. Dunton, Assistant Extension Agronomist, and Mr. Nichols of the Soil Conservation Service, in learning identity of the soil classes of the county. Local efforts toward obtaining a much-needed soil survey of the county will continue in 1938.

Nine nitrate of soda corn side-dressing demonstrations were conducted by 4-H Club members. These showed an average increase of five bushels of corn for each 100 pounds of nitrate of soda used.

## COUNTY AGENTS COLUMN

Frank D. Cox

### PASTURE IMPROVEMENT

For every hundred acres devoted to cultivated crops in the State there are 56 acres in pasture. Yet very little attention is being given to the improvement of pasture land. In the best grazing sections of the State pasture is recognized as a money producing crop. This should be the case in Prince William County and over the entire State, because a sufficient amount of good pasture will feed all the livestock on the farm for about six months of the year. No farming system is complete without sufficient pasture to carry the livestock through a large portion of the year. Properly handled, it is the most profitable crop that any farmer can grow.

Many pastures that once had a good carrying capacity are now not much more than exercise lots. Why has the carrying capacity of these pastures been reduced? It has been due to loss of fertility caused by continuous grazing.

Experiments and experience show that what most pastures need is plant food and lime. Pastures which have a covering of some of the better grasses and clovers will respond wonderfully to a top dressing of fertilizer and lime without disturbing the soil. Of course if the soil is extremely thin with no covering of the better grasses, the land should be plowed and reseeded. Otherwise, the most economical and satisfactory method of improving pastures is to topdress with 500 to 400 pounds of 16 per cent Superphosphate and the equivalent of one to two tons of ground limestone per acre, preferably in the early spring but if it should not be possible at that time, at any time of the year that it is most convenient.

Don't expect to see maximum results the year that the treatment is given. Consider the fact that the average milk cow or steer removes as much phosphorus as is contained in 40 pounds of 16 per cent Superphosphate each year and contains applications of fertilizer accordingly.

The first improvement seen after liming and fertilizing will probably be a large increase in the amount of clover on the land.

If the pasture average is limited and will not furnish sufficient grazing for immediate needs of the livestock on hand, apply 100 to 125 pounds of some quick acting nitrogenous fertilizer as Nitrate of Soda, Sulphate of Ammonia or Cyanamid, in addition to the Superphosphate and lime suggested above.

### BETTER PASTURES

With a comparatively few years ago pasture was taken for granted. Rarely did it get any attention. With that feeling had to pasture work and talk in relation to pastures, farmers have come to realize that pasture is one of the most important crops and that it is deserving of better attention.

When improving pastures, both an improved growth of better grasses and a longer grazing season are sought. Fortunately, these goals may be harmoniously attained as pasture soils respond to fertilizing and liming in a remarkable manner.

When a pasture is fertilized and limed, three things may be expected to happen.

1. The more desirable grasses and clover come in (either voluntarily or from sown seed) and crowd out weeds and undesirable grasses. The result is higher quality, better grass or more milk.

2. Pasture growth starts earlier in the spring, holds up better during the hot, dry summer months, and continues later in the fall, thereby lengthening the grazing season at both ends and in the middle.

3. The quantity of grass that grows on each acre is usually doubled and often tripled. This permits the same number of animals to get more food or more animals to graze on the same land. The need for supplementary food is thereby greatly reduced.

### Low Cost Feed

In seven districts where studies were made by the United States Department of Agriculture concerning requirements for the production of market milk, pasturage furnished nearly one third of the total sustenance for the cows. On these same farms the pasture cost, including taxes, interest and other charges, was only one seventh of the total feed cost.

Records obtained on 478 farms which produced beef calves showed that the breeding cows obtained practically their entire living from pasture for 200 days and from roughage and concentrates for 105 days. The pastures which were furnishing more than half of the total sustenance were credited with only one third of the feed bill.

A survey of typical farms in southern Indiana shows that those with half of their farm area in pasture and half in crops made more profit than those which devoted one fourth to pasture and three fourths to crops. Thirty-six per cent of the total feed for dairy herds on these farms was obtained from pasture, and the pasture furnished nutrients in at one fourth the cost of nutrients in commercial feeds.

### PASTURE IMPROVEMENT

While other crops receive regular applications of fertilizer, permanent pastures are usually unfairly expected to produce year after year without aid to produce year after year without any of the fertility consistently removed by livestock being replaced. This practice places pastures in the position where they are even more soil depleting than cultivated crops. The supply of feed in Prince William County could be greatly added to or a large acreage of corn and other pastures. In comparison with the results that may be obtained, the cost of fertilizing and liming pastures is small. 16 per cent Superphosphate, our lowest priced commercial fertilizer, usually will make up for the deficiency in plant food of the nature left by livestock on the land. Lime will correct the acidity and permit clovers to grow abundantly along with the regular pasture grasses. Fertilizer applied regularly will cause broom sedge to disappear and to be replaced by nutritious grasses and clovers. The longer the grazing season and the better the pastures, the less will be the demand on the corn cribs, grain bins and hay mows and the more grain and hay there will be to market or to feed to marketable livestock.

### GRASS IS MONEY

At a conference of representatives of the five Prince William County banks and F. D. Cox, Co. Agricultural Agent, recently held at Manassas, pasture improvement was selected as the major farm project to be encouraged by the County Bankers Organization.

From the standpoint of sound farming practice and wise investment, this project was selected as one for which every reasonable consideration would be given for applications for credit for liming and fertilizing materials.

An intensive campaign for pasture improvement through the use of lime and fertilizer increasing the length of the grazing season and improving the quality of pasture grasses will be conducted in Prince William County during the coming year.

BETTER SEED

The ruling of the Agricultural Adjustment Administration requiring the use of adapted red clover seed, along with educational measures, prevented all but a few farmers from using cheaper unadapted foreign seed. This emphasis on adapted clover seed will probably have a more far-reaching effect than any other one feature of the conservation program. Because of the wide margin in cost of domestic and unadapted seed, a large quantity of foreign seed would have been used.

All farmers were warned against using unadapted clover seed and informed of the AAA ruling. Two merchants returned foreign seed on hand, and others canceled orders.

Farmers were urged to carefully select their seed corn early and store it properly last fall and again reminded to do this this fall. The treating of seed corn as well as wheat has become fairly general after several years of work in this direction.

The practice of testing seed of all kinds has not progressed nearly as far as it should, but there was an increase this year in the number of samples sent directly to the State laboratory or brought to the office for forwarding.

POULTRY IMPROVEMENT

The 1937 list of Virginia State Certified Hatched was mailed to all poultry keepers of the county in February.

A County Poultry Institute was held with the assistance of H. L. Moore and W. C. Tully on February 11, with thirty-four poultrymen in attendance.

Thirty-four poultry house building plans have been supplied during the year and assistance given ninety-seven poultrymen with diseased flocks or other problems.

Approximately twenty-eight flocks were culled for production and three were taught to caponize cockerals.

The purchase of State Certified Chicks has been encouraged at every opportunity.

DAIRY IMPROVEMENT

Acting upon the request of the County Board of Supervisors, a "Better Sire" campaign was gotten under way in October and will be continued through 1938. A bull survey, covering both dairy and beef types, was completed in November. Replies to the questionnaires showed an urgent need for the replacement of many dairy sires now in use. Two preliminary meetings were held in November and arrangements made for a breeding conference, at which Dr. E. E. Heizer of Ohio State University, Allen Crissey, of the American Holstein-Friesian Association, and R. G. Connelly will be present, at Manassas on December 2nd.

Because of a change in testers, more time than usual was given to the County Dairy Herd Improvement Association. A banquet was held in connection with the annual meeting of the Dairy Herd Improvement Association, at which a talk on pasture improvement was given by Dr. T. B. Hutcheson.

Twenty-seven boys in the 4-H Club reported receipts of \$2,852.94 from thirty-six dairy animals. Three 4-H dairy demonstration teams were trained and the county team was third in the State contest at Petersburg on August 31. For the third year, the county 4-H dairy cattle judging team lead in the State Contest at Richmond in September, and represented Virginia at the National contest at Columbus, Ohio.

Three meetings of the local membership of the Maryland and Virginia Milk Producers' Association were well attended. A good representation of dairymen attended the State Convention at Roanoke. Three of the committees working on the 1938 convention are headed by local men.

The dairy industry is of outstanding importance in the county. Not only is there a large income from a relatively smaller number of dairies, but approximately two thousand five hundred dairy animals are produced annually by general farmers to be sold to commercial dairymen for herd replacements. For this reason, the "Better Sire" and general dairy improvement work will come second only to soil improvement in the 1938 extension program.

### Prince William County Team Again Wins Honor

Four-H Dairy Cattle Judging Group Will Represent Virginia in National Contest, Manassas, Va., Sept. 29—The Prince William county 4-H dairy cattle judging team led all counties competing in the State contest at the Virginia State Fair yesterday. R. P. Keithly, State Dairy Club agent, announced today.

The team, consisting of Gilbert Rollins, Wellington; Selwyn Smith, Nokesville, and Harris Collins, Manassas, will represent Virginia in the national contest at the National Dairy Show at Columbus, Ohio, next week and will be accompanied by F. D. Cox, Prince William county agent. This is the third consecutive year for a 4-H team from the county to win this honor.

### BULL SURVEY

Questionnaires have been mailed for the purpose of finding the number, breed and quality of both dairy and beef bulls now in use in the county to find how great is the need for holding a county-wide campaign toward getting better bulls in use. The cooperation of all who received these letters is needed.

## EXPERT SPEAKS ON DAIRY PLANS

Interesting Address By Dr.  
E. E. Heizer

Of particular interest at the breeding conference at Manassas last Thursday was the address by Dr. E. E. Heizer of the Ohio State Experiment Station on the subject of "A Constructive Dairy Cattle Breeding Program".

Heizer, nationally recognized breeding authority, emphasized the need of every dairyman raising his own herd replacements to have a sound health program, a complete testing program under which all cows in the herd are continuously tested, and to make intelligent use of records. He brought out that, because of their being a tremendous difference in the transmitting ability of sires, that it was just as important to learn the bulls' transmitting ability as to know the production of the cows in a herd. The use of proven sires, or, if this should not be possible, the use of sires from proved male ancestors was recommended as a means of removing much of the possibility of failure to increase the production of a herd.

Dairymen from Rockingham, Fauquier, Loudoun, Culpeper, Fairfax and Prince William Counties were present at the meeting.

An outline of Heizer's discussion may be obtained at the County Agent's office.

### PRINCE WILLIAM DAIRY- MEN MEET AT BANQUET

An enjoyable and instructive evening was experienced by members of the Prince William Dairy Herd Improvement Association and friends at their banquet and annual meeting at the Prince William Hotel last Thursday evening. Following invocation by O. R. Horsch, the program was turned over by Pres. C. F. M. Lewis to E. R. Conner who acted as toastmaster during the evening. Remarks were made by W. J. Hunnicutt, retiring Supervisor, and Chilton Stone, recently appointed to succeed Mr. Hunnicutt.

In his talk on better pastures, Dr. T. B. Hutcheson of V. P. L. stressed the keeping of a crop with green roots at all times on the land to take up plant food as it became available to prevent its leaching from the soil; the use of lime and fertilizer on grazing land to replace that removed by animals, and the necessity of placing at least the amount of plant food needed for each crop in the soil in order to maintain its fertility. He compared lime and fertilizer with oil and gas used in an automobile, stating that as oil was necessary in the motor to keep it in proper condition to use gasoline, so was lime in soil necessary to keep it at the correct reaction for making the most efficient use of the plant food contained in fertilizers.

A report on the total milk and butterfat production of individual herds in the association for the past year was made by R. W. Dickson. At the business session at the close of the program, officers serving during 1936-37 were reelected for the coming year.

COMMUNITY DISCUSSION AND COUNTY PLANNING

Following the Northern Virginia meeting at Warrenton on January 13, a preliminary meeting was held at Manassas on January 19 with thirty-eight committeemen and representative farmers in attendance. It was planned to hold all meetings of the proposed series in four communities and a limited number in two additional communities.

During January and February, twenty-three discussion meetings were held with a total attendance of five hundred fifty-six farmers. The topics discussed were as follows:

- "How Do Farm People Live in Comparison with City People".
- "Should Farm Ownership be a Goal of Agricultural Policy".
- "Is Increased Efficiency in Farming Always a Good Thing".
- "What Should Farmers Aim to Accomplish Through Legislation".
- "What Part Should Farmers Take in Making National Agricultural Policy".
- "1937 Agricultural Conservation Program".
- "Land Uses in Community".

In each community, a land use map was prepared. Recommendations were made at the community meetings for future land use, number of animals to be kept, etc.

The series of community meetings were brought to a close with a County Planning and Mapping Meeting held at Manassas on March 13. At this time, the county land-use map was completed and recommendations for the immediate and more distant future were prepared. Several men from the Planning Division of the AAA, Extension Division and Rural Resettlement Administration, including Bushrod W. Allin, R. E. Rogers, J. C. Ellieksen, Curtis Mumford and H. A. Vogler, were present for this meeting.

Additional recommendations for future AAA programs were prepared and submitted at a later County Meeting.

The proposed Agricultural Adjustment Act of 1937 was explained to approximately forty leading farmers at Manassas by G. F. Holsinger, President of the Virginia State Farm Bureau, on July 21st.

A District Meeting to discuss holding of group discussion meetings and the 1938 Agricultural Conservation Program was attended with the County Committeemen at Warrenton on November 8th. Following this, background information leading up to the program was discussed at six community meetings in November.

#### AGRICULTURAL CONSERVATION PROGRAM

AAA payments, totaling \$31,470.78, were received and distributed to farmers participating in the 1936 Agricultural Conservation Program, and \$7,430.87 was received for the 1936 Wheat Program.

Two hundred and twenty work sheets were filed, bringing the total now participating in the Agricultural Conservation program to six hundred and twenty-nine. These cover approximately six hundred and fifty farms.

Aerial photographs are being used in checking on 1937 performance. No applications for payment, excepting a few sample copies, have been submitted to the State Office. Because of the delay in preparing enlargements, local check-up supervisors could not get started as early as previously.

4-H CLUB

Of the one hundred and thirty-nine 4-H Club members enrolled, one hundred and seven boys and two girls satisfactorily completed one hundred and thirty-one projects.

<u>PROJECT</u>	<u>NO. COMPLETING</u>	<u>TOTAL INCOME</u>	<u>TOTAL PROFIT</u>	<u>VALUE OF AWARDS</u>
Dairy	27	\$2,852.94	\$885.09	\$130.00
Swine	27	1,553.56	546.69	32.00
Lamb	1	48.75	25.75	3.50
Poultry	15	966.14	287.90	
Corn	10	454.78	185.88	25.00
Garden	29	614.15	514.85	5.00
Wild Life Conservation	28	No financial report required		
Rural Electri- fication .....	2	No financial report required		
Total:	131	\$6490.32	\$2446.16	\$196.50

Eight boys attended the State Short Course at Blacksburg. Seven enrolled for the Northern Virginia Short Course at Jamestown.

Three dairy, one soil testing and two insect control demonstration teams were trained. The county dairy demonstration team was third in the State Demonstration Contest at Petersburg on August 31st. This demonstration, showing the need for and construction of a safety bull pen, was given at the State Jersey Summer Meeting at Harrisonburg, at the State Guernsey Field Day at Fredericksburg, and at four meetings in the county.

The usual Club Council, Achievement Day, Contest Day, Picnic and other County 4-H events were held during the year.

Two hundred club members were present for the annual County Picnic and Contests at Lake Jackson on June 16. Boys participated in the health, dress and team demonstration contests. The boy health winner was second in the contest at the State Short Course.

About the same number attended the County Achievement Day program at Manassas on October 9, as had attended the County Picnic.

Corn side-dressing demonstrations were conducted by nine boys. A watch will be awarded to the county winner at the State Seed Show in January.

The county dairy cattle judging team, selected from sixteen boys trained in and out of the county, led in the contest at the Virginia State Fair and represented Virginia at the National contest at Columbus.

The swine project was one of the most satisfactory of those carried out by 4-H Club members. A total income of \$1,553.56 was received by twenty-six boys and one girl completing this project. Tamworth, Poland China and Berkshire sows and gilts were owned by members enrolled in the swine breeding projects.

The work of the twenty-eight boys enrolled in the Duffries Club, where the usual agricultural projects were not generally practical because of lack of home facilities, consisted of an intensive study of wild plant and animal life, the identification of forest trees, tours and the collecting and identifying of wood and leaves of trees. A forestry tour was led there by Wilbur O'Byrne, Extension Forester.



ACHIEVEMENT  
DAY



MANASSAS  
SATURDAY  
OCT. 9 '37

10:00 - 12:00 Recreation - Gymnasium

12:00 Lunch

12:15 Refreshments by Home Demonstration  
Clubs

1:00 Program - Auditorium - Miss Frances  
Hale presiding

Group Singing

Invocation - Mr. J. Murray Taylor

Club Reports (Club members stand while  
your report is being given)

Aden	Manassas
Haymarket	Hokesville
Bethel	Occoquan
Joplin	Woodbine
Cherry Hill	Hayfield
Greenwich 4-H	Dumfries
Greenwich Sr. 4-H	

Summary of Year's Work - Mr. Frank Cox  
Miss Alice Webb

Group Singing

Talk - Miss Hallie Hughes, State Girls' Agent,  
Blacksburg

Special Music - Greenwich Senior 4-H Group

Presentation of Prizes

Awarding of Banner

3:15 Club Pledge

3:30 Movie - Courtesy of Mr. Franklin Hibbs  
All club members will march double file from  
the school to the movie.

Ushers

(Occoquan Club)  
Marjorie Bourne  
Margaret Haislip  
Allan Staples  
John Russell  
Mary Pettelett  
Thelma Simpson

**Committee on Arrangement:**

Mrs. Egbert Thompson, Chmn.  
Miss Katie Boley  
Miss Bessie Cornwell

**Committee on Recreation:**

Mrs. Eloise Trimmer, Chmn.  
Billy Hedrick, Nokesville  
Gilbert Rollins, Wellington  
Margaret Blakemore, Manassas  
Lucy Johnson, Manassas

**Committee on Refreshments:**

Mrs. Janet Murphy, Chmn.  
Mrs. W. R. Free  
Miss Ila Breeden  
Mrs. Louise Whetzel

**Committee in Charge of Movie:**

Mrs. C. F. Sinclair, Chmn.  
Mrs. Charles Fetzer  
Mrs. Ray Wood  
Mr. Eddie Russell

**Committee on Prizes:**

Mrs. Frances Saunders, Chmn.

WORK IN COOPERATION WITH OTHER FEDERAL  
AGENCIES

The Emergency Production Loan Supervisor came to the office regularly during the spring and fall seeding seasons to take applications and to meet farmers throughout the year who still owed on old loans. Approximately one hundred and thirty visits were made by farmers to the office, relative to these loans.

Many have been put in touch with representatives of the Federal Land Bank and the Warrenton Production Credit Association. The annual meeting of the Warrenton Production Credit Association was attended with several local members on January 29. One local member made the statement that he had saved more than \$400.00 in interest alone through making use of the Association to finance buying and feeding livestock during the past three years of its operation.

A mutually helpful relationship has been maintained with the local Rural Resettlement Supervisor. Assistance was given in recommending practices to forty-one Rural Resettlement clients taking part in the Agricultural Conservation Program. Approximately thirty-three calls were made to the farms of these men and forty-nine office calls received. Assistance has also been given to the Supervisor in other ways; as getting out circular letters, supplying bulletins and general information, etc.

Assistance was given a small local power company in obtaining a loan for thirty additional miles of rural power lines. This brings the total to ninety miles of Rural Electrification Administration lines for the local company, which, when completed, will serve between two hundred and three hundred rural users.

Nineteen men were referred to the local Works Progress Administration worker in charge of sanitary privy construction.

The Chopawamsic Recreational Demonstration Area, the locating of which was given assistance by the agent a few years ago, was designated as a game sanctuary in 1937. Centering around Joplin, approximately 15,000 acres are being developed by the National Park Service with organized camping centers, foot trails, swimming and boating ponds, picnic areas and wild life sanctuary. It is expected that birds and small game will increase in large numbers through the protection given by the Federal Government and the cooperation of local sportsmen in obeying the regulations.

MISCELLANEOUS

A community surplus sale was held at Manassas on February 13th. Several horses and considerable miscellaneous farm equipment changed hands.

The Banker-Farmer Meeting, held at Culpeper on February 4th., was attended with seventeen farmers and bankers from the county.

The agent led the discussion on the use of lawn and garden fertilizers at the February meeting of the Manassas Garden Club. One hundred and fifteen bulletins were distributed to the members after the talk.

A hydraulic ram survey was made, one farmer was assisted with plans for remodeling his farm home, and three men were aided with poultry house plans by H. H. Gordon, part-time Agricultural Engineer. Fifty-two farm building plans were supplied to farmers.

All of the Negro schools of the county were again judged this year, with the Home Demonstration Agent and the Rural School Supervisor. Improvement was noted over 1936 in most of the schools, and recommendations were made for future improvement.

Sheep treating notices were mailed regularly to all sheep raisers. Three drenching and one castrating demonstrations were given.

The monthly garden letter has been forwarded regularly to adult as well as to the 4-H gardeners.

Beef Bulls were included in a sire survey. It was found that the beef bulls, while limited in number, were for the most part, registered purebreds. Seven purebred beef bulls were brought into the county during the year.

SUMMARY

Two hundred four and one-half days were devoted to field and eighty nine and one-half days to office work. Nine hundred thirty-seven adult and one hundred thirty 4-H farm visits were made. Two thousand eight hundred and four office calls were received and one thousand seven hundred and ten telephone calls were received. Two thousand three hundred and nine individual letters were mailed and seventy-eight different circular letters were prepared and distributed. One hundred twenty eight newspaper articles were prepared.

One hundred twenty eight meetings, relating to agricultural extension were held with a total attendance on three thousand three hundred and seventy-six. Two thousand two hundred and seventy-five State and U. S. agricultural bulletins were distributed. Fourteen thousand two hundred and twenty eight miles were traveled.

Invaluable assistance was received from the following extension specialists and others who came to the county during the year: W. C. Shackelford, District Agent, General; Joseph Copley, George C. Herring, Dr. J. L. Maxton, and J. W. Frazier, Agricultural Conservation Program; T. B. Hutcheson, H. L. Dunton and Mr. Nichols, Soil and Pasture Improvement; R. G. Connelly, P. M. Reeves, R. W. Dickson, R. P. Keithly, C. J. Stauber and Allen Crissey, Dairying; E. T. Swink and H. H. Gordon, Rural Electrification and Agricultural Engineering; H. L. Moore and W. C. Tully, Poultry; D. T. Painter, Soil Conservation; and B. L. Hummel, County Mapping and Planning.

TYPICAL CIRCULAR LETTERS MAILED IN 1937....

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, COOPERATIVE

Manassas, Virginia  
November 12-'37

EXTENSION SERVICE

To Prince William Dairymen:

Answers to the questionnaire mailed recently and general observation indicate that we have many good and too many bad dairy bulls in Prince William County.

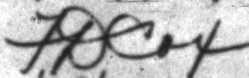
I am afraid that until we are willing to keep older bulls and make preparations for keeping them safely, the situation will not become much better. With the too general practice of getting rid of possibly good bulls as soon as they reach the age at which they become a little difficult to handle, there are not enough good bulls reaching serviceable age each year to replace those sent to the butcher.

Only when a bull's daughters come into production can it be determined whether he is (or was) a good or poor sire. Once proven a good sire, he may be worth thousands of dollars to herd owners during the remainder of his normal serviceable life. If, after he has been used for two or more years on one farm, it is desirable to change bulls, arrangements might be made to exchange him for a bull showing up well for another man to the mutual advantage of both dairymen.

All dairymen now agree that it is a poor practice to allow bulls to run loose with cows and heifers. This leads to the conclusion that a strong bull pen is a necessity on every dairy farm if the bull is kept within bounds. With a safety bull pen (which can be constructed very economically), the safe handling and care of an aged bull is a simple matter.

A plan for a COOPERATIVE DAIRY BULL ASSOCIATION is enclosed whereby good bulls may be retained by a group of dairymen for an indefinite number of years. This plan might be a solution to the problem in some of our communities. Whether or not the cooperative set-up is followed, the same principles will hold for purchasing, exchanging and keeping good bulls in the county and community.

Very truly yours,



F. D. Cox  
County Agent

P.S. If you have not yet replied to the letter asking for information on bulls in use in your community, your cooperation will be appreciated.



Manassas, Va.  
November 18, 1937

TO PRINCE WILLIAM COUNTY FARMERS:---

The new AGRICULTURAL CONSERVATION PROGRAM for 1938 will be explained at the following meetings:

HAYMARKET MASONIC HALL, 7:30 P. M., THURS., NOV. 18

NOKESVILLE HIGH SCHOOL, 7:30 P. M., FRIDAY, NOV. 19

INDEPENDENT HILL ODD FELLOW'S HALL, 7:30 P. M.,  
FRIDAY, NOV. 19

MANASSAS POST OFFICE ASSEMBLY ROOM, 1:30 P. M.,  
SAT., NOV. 20

RETHEL, RUSSELL'S STORE, 7:30 P. M., TUESDAY, NOV. 23

The program for the coming year is different in many ways from the programs of this and last year. It is urgent that you attend the meeting nearest to you at this time to learn what will be required if you wish to receive 1938 soil conservation benefit payments.

Very truly yours,

*Frank D. Cox*  
Frank D. Cox  
County Agent

Cooperative Extension Work in Agriculture and Home Economics, State of Virginia  
Va. A. & M. College and Ely. Inst. and U. S. D. A. Cooperating. Extension Service

BRING YOUR NEIGHBOR

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

WHOOOOO-OOOO-OOO  
HASNT SENT  
IN HIS RECORD  
BOOK??  
WHOOO



ATTENTION

PRINCE WILLIAM CLUE BOYS WHO HAVE NOT TURNED IN THEIR  
RECORD BOOKS.

Please complete the record on your 1937 project and send it to  
me at once. If you prefer, you may submit it in any kind of note-  
book or on plain paper, but be sure to list all expenses and  
receipts, including value of animals, crops, etc., still on hand  
in your receipts.

County Winners in all project, as dairy meat animal, poultry,  
corn, garden, etc., must be selected before November 1, so that  
their records may be entered in competition with other county-  
winners in the State Contests.

Trusting that you will report on your project at once, I am

Sincerely yours,

*Frank D. Cox*  
Frank D. Cox  
County Agent



-SEND 'EM  
IN - SEND  
'EM IN -

*Whooooo... Wooo...*

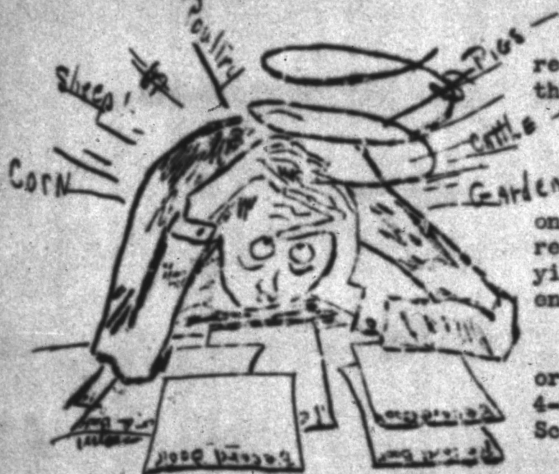
COOPERATIVE EXTENSION WORK  
IN  
AGRICULTURE AND HOME ECONOMICS

STATE OF VIRGINIA  
Manassas, Virginia  
October 5, 1937

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

EXTENSION SERVICE  
COUNTY AGENT WORK

Dear 4-H Club Member:-



"RECORD BOOKS!! RECORD BOOKS!!"

If you have not turned in your 1937 record book to me or your leader, please do this before Saturday, so that your club can be credited with your project completion on Achievement Day. Where you have not disposed of your animals, poultry, vegetables, etc., place a fair market value on what you have on hand and list with your receipts. In the case of corn, estimate your yield now and your book will be returned for entering the actual yield by November 1st.

Plan to attend and have entries in one or more of the following classes at the County 4-H Achievement Day Program at the Manassas School Auditorium next SATURDAY, OCTOBER 9:

- One Dozen Eggs
- Pen of Three Pullets or Hens  
(bring your own show coop)
- Collection of Vegetables (Fresh, Dried and canned)
- Ten Ears Corn (with or without stalks)
- Identified Collection of Wood and Leaves
- Homemade Cattle Blanket
- Handmade Halter of Rope or Leather
- Hobby

Try to have your exhibits in place by 10:00 a. m. There will be a recreational program, including a baseball game from 10 to 12. Lunch (to be brought from home) is at 12:00, the program, including reports, recognition of winners, etc., at 1:00 and the free movie (courtesy of Franklin Hibbs) at 3:30.

The bus from Dumfries will run on the following schedule:

8:50 a. m.	Dumfries (Draumer's Store)
8:55 "	Cherry Hill Road Entrance on Highway
9:05 "	Occoquan School
9:15 "	Bethel School
9:25 "	Hoadly (Davis's Store)
9:35 "	Independent Hill (Horrings's Store)
9:45 "	Woodbine School

An envelope (which will not require postage) for mailing your record book is enclosed.

Sincerely yours,

*Frank D. Cox*  
Frank D. Cox  
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, COOPERATING

Manassas, Virginia  
January 29, 1936

EXTENSION SERVICE  
COUNTY AGENT WORK

To Farmers of Manassas District:-

The next agricultural discussion and planning meeting for  
Manassas District will be held at the MANASSAS POST OFFICE ASSEMBLY ROOM,  
SATURDAY, FEBRUARY 1, AT 1:30 P. M.

The topic for discussion is:

"DO FARMERS WANT THE FEDERAL GOVERNMENT TO HELP THEM DEAL WITH FARM PROBLEMS?"

Some of the Questions that will be brought up are:

THE BURNING  
QUESTION



1. Should Farmers Rely Solely Upon Themselves Through Voluntary Action Without Trying to Use Any Governmental Means to Solve Their Problems?
2. What Should Farmers Expect of Their State Governments in Dealing With Farm Problems?
3. What Activities Do Farmers Wish the Federal Government to Carry On?
4. Should Farmers Rely on Their Own Cooperation Without Governmental Assistance to Solve Their Problems?
5. Do the New Conditions of Recent Years Make Necessary Any New Federal Activities?

WHAT ARE YOUR ANSWERS?

Hoping that you will come Saturday afternoon and express your  
views on this question, I am

Very truly yours,

*F. D. Cox*  
F. D. Cox  
County Agent

### 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 Prince William

#### REPORT OF

L. Alice Webb  
(Name) Home Demonstration Agent.

From Dec. 1, 1936 to Nov. 30, 1937

4-H Club Agent.

From \_\_\_\_\_ to \_\_\_\_\_, 193

J. D. Cox  
Agricultural Agent.

From Dec. 1, 1937 to Nov. 30, 1937

**READ SUGGESTIONS, PAGES 2 AND 3**



Approved: \_\_\_\_\_

Date \_\_\_\_\_

9-6015

State Extension Director.

## 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

Where 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. Results 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, forcible, 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 <sup>period of</sup> 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. Examples: 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 visit 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. (Duplicate letters should not be included.)
18. An extension school is a school usually of 2 to 8 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 Results 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 time of assistants with that of regular agent.

AGENT		Total months of service this year (a)	Days devoted to agr. conservation and adjustment programs (b)	Days devoted to relief work (c)	Total days in office (d)	Total days in field (e)
(Name)	Home demonstration agent	13			101	200
	Asst. home demonstration agent					
	4-H Club agent	12	79		89.5	20.45
	Assistant county agent in charge of club work					
	Agricultural agent					
	Assistant agricultural agent					

## 2. County extension association or committee:

- (a) Agricultural extension:  
(1) Name County Planning Advisory Committee (2) Number of members 31
- (b) Home demonstration:  
(1) Name Advisory Board (2) Number of members 56
- (c) 4-H Club:  
(1) Name 4-H Council (2) Number of members 104
3. Number of communities in county where extension work should be conducted 20 and 6 X 3
4. Number of above communities in which the extension program has been planned cooperatively by extension agents and local committees 17 and 6 4
5. Number of different voluntary county or community project leaders or committeemen actively engaged in forwarding the extension program:
- (a) Adult work (1) Men 31 (2) Women 62 (b) 4-H Club work (1) Men 2 (2) Women 13 (3) Older club boys 2 (4) Older club girls 1 5
6. Number of different paid local leaders engaged in agricultural-conservation and adjustment programs (a) Men 12 (b) Women  6
7. Number of clubs or other groups organized to carry on adult home demonstration work 8 7
8. Number of members in such clubs or groups 201 8

ITEM	Home demonstration agents (a)	4-H Club agents (b)	Agricultural agents (c)	County total <sup>1</sup> (d)
9. Number of 4-H Clubs	13		8	16
10. Number of different 4-H Club members enrolled	(1) Boys <sup>2</sup> 60 (2) Girls <sup>2</sup> 176		137 2	197 176
11. Number of different 4-H Club members completing	(1) Boys <sup>2</sup> 30 (2) Girls <sup>2</sup> 121		107 2	137 129

## 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	96	55	17	12	5	12
(b) Girls	112	23	15	12	9	7

<sup>1</sup> County total should equal sum of preceding three columns minus duplications due to two or more agents participating in the same activity or accomplishment.<sup>2</sup> 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.<sup>3</sup> Same as footnote 2 but refers to completions instead of enrollments.<sup>4</sup> The total for this question should agree with county total, question 10.

207. D. Communities and 6 agr. communities or subdis.

## GENERAL ACTIVITIES—Continued

Report Only This Year's Extension Activities and Results That Can Be Verified

ITEM	Age	10 and under	11	12	13	14	15	16	17	18	19	20 and over		
13. Number of different 4-H Club members enrolled according to age <sup>1</sup>	(a) Boys	24	27	37	28	31	18	9	8	4	5	3	13	
	(b) Girls	23	39	33	27	22	14	6	8	3	2	1		
14. Number of 4-H Club members: <sup>1</sup> (a) In school	354											(b) Out of school	21	14

ITEM	Home demonstration agents <sup>2</sup>	4-H Club agents <sup>2</sup>	Agricultural agents <sup>2</sup>	County total <sup>2</sup>	
	(a)	(b)	(c)	(d)	
15. Number of 4-H Club teams trained	(1) Judging		1	1	15
	(2) Demonstration		6	6	
16. Number of groups other than 4-H Clubs organized for extension work with rural young people 16 years of age and older	1			1	16
17. Members in groups reported in question 16	(1) Young men	21		21	17
	(2) Young women	13		13	
18. Total number of farm or home visits <sup>3</sup> made in conducting extension work	634		937	1571	18
19. Number of different farms or homes visited	444		480	724	19
20. Number of calls relating to extension work	(1) Office	412	2804	3216	20
	(2) Telephone	583	1710	2293	
21. Number of news articles or stories published <sup>4</sup>	104		128	232	21
22. Number of individual letters written	1525		2909	3834	22
23. Number of different circular letters issued (not total copies mailed)	133		78	204	23
24. Number of bulletins distributed	3499		2275	5774	24
25. Number of radio talks made					25
26. Number of events at which extension exhibits were shown	(a) Number	5	8	6	26
	(b) Total attendance of:				
27. Training meetings held for local leaders or committeemen	(1) Adult work:				27
	(b) Men leaders		61	61	
	(c) Women leaders	61		61	
	(2) 4-H Club:				
(a) Number	10		10		
(b) Total attendance of:					
(b) Leaders	47		47		
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	209	11	218	28
	(2) Total attendance	3968	370	3504	
29. Meetings held at result demonstrations	(1) Number	12	1	13	29
	(2) Total attendance	252	200	452	

<sup>1</sup>The total for this question should agree with county total, question 10.<sup>2</sup>County total should equal sum of preceding three columns minus duplications due to two or more agents participating in the same activity or accomplishment.<sup>3</sup>Do not count a single visit to both the farm and home as two visits.<sup>4</sup>Do not count items relating to notices of meetings only.

Notes.—Questions 13-24 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 where the same activity relates to two or more lines of work.

## GENERAL ACTIVITIES—Continued

Report Only This Year's Extension Activities and Results That Can Be Verified

ITEM		Home demonstration agents (c)	4-H Club agents (d)	Agricultural agents (e)	County total <sup>1</sup> (f)	
30. Tours conducted	(1) Adult work	(a) Number	4			
		(b) Total attendance	152			
	(2) 4-H Club	(a) Number	4		7	11
		(b) Total attendance	155		42	197
31. Achievement days held	(1) Adult work	(a) Number	1			
		(b) Total attendance	110			
	(2) 4-H Club	(a) Number	1		1	1
		(b) Total attendance	200		200	200
32. Encampments held (Do not include picnics, rallies, or short courses, as these should be reported under other meetings.)	(1) Farm women	(a) Number				
		(b) Total members attending				
		(c) Total others attending				
	(2) 4-H club	(a) Number	1		1	1
		(b) Total boys attending			7	7
		(c) Total girls attending	34			34
	(d) Total others attending	3		1	4	
33. Other meetings of an extension nature participated in by agents or specialists and not previously reported	(1) Number	165		76	231	
	(2) Total attendance	11929		1722	10089	
34. Meetings held by local leaders or committeemen not participated in by agents or specialists and not reported elsewhere	(1) Adult work	(a) Number	47		20	67
		(b) Total attendance	807		593	1400
	(2) 4-H club	(a) Number	75		6	81
		(b) Total attendance	1241		108	1349
34. Number of above meetings held by agents or local leaders at which discussion group method of presentation was followed		16		29	44	

## 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	1383	35
36. Number of farms on which changes in practices have definitely resulted from the agricultural extension program	20	36
37. Number of farm homes in which changes in practices have definitely resulted from the home demonstration program	100 W	37
38. Number of other homes in which changes in practices have definitely resulted from the home demonstration program	200	38
39. Number of farm homes with 4-H Club members enrolled	279	39
40. Number of other homes with 4-H Club members enrolled	52	40
41. Total number of different farm families influenced by some phase of the extension program (Include questions 35, 37, and 39, minus duplications.)	900	41
42. Total number of different other families influenced by some phase of extension program (Include questions 38 and 40, minus duplications.)	225	42

<sup>1</sup> County total should equal sum of preceding three columns minus duplications due to two or more agents participating in the same activity or accomplishment.

NOTE.—Questions 35-42 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 where the same activity relates to two or more lines of work.

CEREALS<sup>1</sup>

Report Only This Year's Extension Activities and Results That Can Be Verified

ITEM	Corn (a)	Wheat (b)	Oats (c)	Rye (d)	Barley (e)	Cereal sorghums, rice, and other cereals (f)	
43. Days devoted to line of work by:							
(1) Home demonstration agents							43
(2) 4-H Club agents							
(3) Agricultural agents	19	19	1	2	4		
(4) Specialists							
44. Number of communities in which work was conducted	6	6	2	5	5		44
45. Number of voluntary local leaders or committeemen assisting	12	12	2	2	3		45
46. Days of assistance rendered by voluntary leaders or committeemen	3	3	1/2	1/2	1/2		46
47. Number of adult result demonstrations conducted	18		2		2		47
48. Number of meetings at result demonstrations							48
49. Number of method-demonstration meetings held	4	4	4	4	4		49
50. Number of other meetings held	18	18	4	4	2		50
51. Number of news stories published	6	6	1	1	1		51
52. Number of different circular letters issued	60	60	12	9	11		52
53. Number of farm or home visits made	375	375	15	20	25		53
54. Number of office calls received	11						54
55. Number of 4-H Club members enrolled							55
(1) Boys							
(2) Girls							
56. Number of 4-H Club members completing							56
(1) Boys	10						
(2) Girls							
57. Number of acres in projects conducted by 4-H Club members completing	14						57
58. Total yields of crops grown by 4-H Club members completing	597 1/2 bu.	bu.	bu.	bu.	bu.	bu.	58
59. Number of farmers following fertilizer recommendations	950	525	30	30	25		59
60. Number of farmers following insect-control recommendations		400					60
61. Number of farmers following disease-control recommendations	45	230	5				61
62. Number of farmers following marketing recommendations	20	80		7	10		62
63. Number of farmers assisted in using timely economic information as a basis for readjusting enterprise	50	60		9	4		63
64. Number of farmers following other specific practice recommendations: <sup>2</sup>							
(1) <i>selecting or purchasing good seed</i>	350	350	4	10	12		64
(2) <i>testing seed</i>	37	30					
(3) <i>testing soil</i>	30	30					
(4)							
(5)							

<sup>1</sup> Report fall-corn crops the year they are harvested.<sup>2</sup> Indicate crop by name.<sup>3</sup> 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	Alfalfa	Sweet-clover	Red, bur, and other clovers	Vetch	Lespedeza	Festuca	
	(a)	(b)	(c)	(d)	(e)	(f)	
67. Days devoted to line of work by:							
(1) Home demonstration agents							67
(2) 4-H Club agents							
(3) Agricultural agents	4	1/2	19		5	12 1/2	
(4) Specialists						2	
68. Number of communities in which work was conducted	3	1	6	1	6	6	68
69. Number of voluntary local leaders or committeemen assisting	2		12			7	69
70. Days of assistance rendered by voluntary leaders or committeemen	1		5			4	70
71. Number of adult result demonstrations conducted	4					17	71
72. Number of meetings at result demonstrations							72
73. Number of method-demonstration meetings held	3	2	4			4	73
74. Number of other meetings held	2	2	18		5	20	74
75. Number of news stories published	2	2	2		3	14	75
76. Number of different circular letters issued	4		13		4	9	76
77. Number of farm or home visits made	17	5	65	2	30	45	77
78. Number of office calls received	21	28	200	4	70	50	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	(1) Seed	bu.	bu.	bu.	bu.	bu.	XXXX
(2) Forage	tons	tons	tons	tons	tons	tons	XXXX
83. Number of farmers following fertilizer recommendations	16	1	200	1	36	28	83
84. Number of farmers following insect-control recommendations	4						84
85. Number of farmers following disease-control recommendations							85
86. Number of farmers following marketing recommendations	3				9		86
87. Number of farmers assisted in using timely economic information as a basis for readjusting enterprise							87
88. Number of farmers following other specific practice recommendations: <sup>1</sup>							
(1) <i>Testing soil</i>	8	1	40		10	20	89
(2) <i>Liming</i>			100			17	
(3) <i>Using adapted seed</i>			300				
(4)							
(5)							

<sup>1</sup> 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

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ITEM	Systems	Crops and field plots	Value-bases	Field bases	Famers	All other legumes and forage crops	
	(1)	(2)	(3)	(4)	(5)	(6)	
67. Days devoted to line of work by:							
(1) Home demonstration agents							} 67
(2) 4-H Club agents							
(3) Agricultural agents	4	1				12	
(4) Specialists							
68. Number of communities in which work was conducted	6					6	68
69. Number of voluntary local leaders or committeemen assisting	3						69
70. Days of assistance rendered by voluntary leaders or committeemen	1/2						70
71. Number of adult result demonstrations conducted							71
72. Number of meetings at result demonstrations							72
73. Number of method-demonstration meetings held	2						73
74. Number of other meetings held						20	74
75. Number of news stories published	1	1					75
76. Number of different circular letters issued	1	1				2	76
77. Number of farm or home visits made	9	2				54	77
78. Number of office calls received	95	14				200	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							} 82
(1) Seed	bu.	bu.	bu.	bu.	lb.	bu.	
(2) Forage	tons	tons	tons	tons	tons	tons	
83. Number of farmers following fertilizer recommendations	35	10				200	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 farmers following other specific practice recommendations: <sup>2</sup>							} 90
(1) <i>marketing seed</i>	19	10					
(2)							
(3)							
(4)							
(5)							

<sup>1</sup> Indicate crop by name.  
<sup>2</sup> For the sake of uniformity it is suggested that each State prepare a list of the most 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 (a)	Sweet potato (b)	Cotton (c)	Tobacco (d)	All other special crops <sup>1</sup> (e)	
91. Days devoted to line of work by:						
(1) Home demonstration agents						} 91
(2) 4-H Club agents						
(3) Agricultural agents						
(4) Specialists	2	1				
92. Number of communities in which work was conducted	6	2		1		92
93. Number of voluntary local leaders or committeemen assisting						93
94. Days of assistance rendered by voluntary leaders or committeemen						94
95. Number of adult result demonstrations conducted						95
96. Number of meetings at result demonstrations						96
97. Number of method-demonstration meetings held	1					97
98. Number of other meetings held						98
99. Number of news stories published	1					99
100. Number of different circular letters issued	1					100
101. Number of farm or home visits made	10	4		2		101
102. Number of office calls received	22	7		2		102
103. Number of 4-H Club members enrolled						103
(1) Boys						} 103
(2) Girls						
104. Number of 4-H Club members completing						104
(1) Boys						} 104
(2) Girls						
105. Number of acres in projects conducted by 4-H Club members completing						105
106. Total yields of crops grown by 4-H Club members completing	bu.	bu.	lb. <sup>2</sup>	lb.		106
107. Number of farmers following fertilizer recommendations	40	8		1		107
108. Number of farmers following insect-control recommendations						108
109. Number of farmers following disease-control recommendations	20	3				109
110. Number of farmers following marketing recommendations	2					110
111. Number of farmers assisted in using timely economic information as a basis for readjusting enterprise						111
114. Number of farmers following other specific practice recommendations:						114
(1) <i>Storing</i>		9				} 114
(2)						
(3)						
(4)						
(5)						

<sup>1</sup> Indicate crop by number.

<sup>2</sup> Report yield of cotton in pounds of seed cotton.

<sup>3</sup> 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 gardens	Market gardening, truck, and poultry crops	Beautification of home grounds	Tree fruits	Bush and small fruits	Grapes	
	(a)	(b)	(c)	(d)	(e)	(f)	
115. Days devoted to line of work by:							
(1) Home demonstration agents	15		14				115
(2) 4-H Club agents							
(3) Agricultural agents	16	2	2	2		1	
(4) Specialists			2				
116. Number of communities in which work was conducted	13	2	12			6	116
117. Number of voluntary local leaders or committeemen assisting	30		4				117
118. Days of assistance rendered by voluntary leaders or committeemen	7		4				118
119. Number of adult result demonstrations conducted			150				119
120. Number of meetings at result demonstrations	2		1				120
121. Number of method-demonstration meetings held	13		13				121
122. Number of other meetings held	29		1				122
123. Number of news stories published	12		12			1	123
124. Number of different circular letters issued	17	2	4	1		1	124
125. Number of farm or home visits made	120	7	59	5		5	125
126. Number of office calls received	183	15	52	22	5	4	126
127. Number of 4-H Club members enrolled:							127
(1) Boys	83		18				
(2) Girls	44		65				
128. Number of 4-H Club members completing:							128
(1) Boys	53		1				
(2) Girls	18		6				
129. Number of acres in projects conducted by 4-H Club members completing	6.8		XXXX				129
130. Total yields of crops grown by 4-H club members completing	249 bu.	bu.	XXXX	bu.	bu.	bu.	130
131. Number of farms or homes where fertilizer recommendations were followed	120	8		9		2	131
132. Number of farms or homes where insect-control recommendations were followed	400	8		12		5	132
133. Number of farms or homes where disease-control recommendations were followed	91	8		12		5	133
134. Number of farms or homes where marketing recommendations were followed	31	8	XXXX				134
135. Number of farms or homes where assistance was given in using timely economic information as a basis for readjusting enterprise			XXXX				135
136. Number of homes where recommendations were followed as to establishment or care of lawn	XXXX	XXXX	49	XXXX	XXXX	XXXX	136
137. Number of homes where recommendations were followed regarding planting of shrubbery and trees	XXXX	XXXX	38	XXXX	XXXX	XXXX	137
138. Number of homes where recommendations were followed as to treatment of walks, drives, or fences	XXXX	XXXX	43	XXXX	XXXX	XXXX	138
139. Number of homes where recommendations were followed as to improving appearance of exterior of house and outbuildings	XXXX	XXXX	12	XXXX	XXXX	XXXX	139
140. Number of homes where other specific practice recommendations were followed:							140
(1) <i>Deepwood planted</i>			100				
(2) <i>Impaired outdoor living interest</i>			29				
(3) <i>Impaired design by faulty fences</i>			20				
(4) <i>No. showing little use of lawn; formal space</i>			12				

\* For the sake of uniformity it is suggested that each State prepare a list of the three important practices to be reported upon by all agents in that State.

(5) Pruning

6

5

## FORESTRY, WILDLIFE CONSERVATION, AND AGRICULTURAL ENGINEERING

Report Only This Year's Extension Activities and Results That Can Be Verified

ITEM	Forestry (a)	Wildlife conservation, fur and game farming (b)	Agricultural engineering <sup>1</sup> (farm and home) (c)	
141. Days devoted to line of work by:				
(1) Home demonstration agents			4	141
(2) 4-H Club agents			7	
(3) Agricultural agents	3	2	5	
(4) Specialists	1		6	
142. Number of communities in which work was conducted			6	142
143. Number of voluntary local leaders or committeemen assisting			6	143
144. Days of assistance rendered by voluntary leaders or committeemen			5	144
145. Number of adult result demonstrations conducted			39	145
146. Number of meetings at result demonstrations				146
147. Number of method-demonstration meetings held	1		6	147
148. Number of other meetings held	6	6	9	148
149. Number of news stories published	2	1	8	149
150. Number of different circular letters issued	1		6	150
151. Number of farm or home visits made	17	8	36	151
152. Number of office calls received	18	14	42	152
153. Number of 4-H Club members enrolled		28		153
(1) Boys				
(2) Girls				
154. Number of 4-H Club members completing		28		154
(1) Boys				
(2) Girls				
154. Number of 4-H Club members not in special project clubs who participated in forestry or wildlife conservation activities				154
(1) Boys				
(2) Girls				
155. Number of units handled by 4-H Club members completing				155
	(1) Transplant beds	Coverts <sup>2</sup> improved or built	Acres terraced	
	(2) Acres planted to forest trees	Nest boxes, feed trays for song birds 8	Machines or equipment repaired	
	(3) Acres improved	Feeding stations operated	Articles made 20	
	(4) Acres of woodland protected from fire	Animals or birds produced	Equipment installed 2	

## 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 shelterbelts	158
159. Number of farmers planting trees for erosion control	159
160. Number of farmers making improved thinnings and weedings	4 160
161. Number of farmers practicing selection cutting	92 161
162. Number of farmers pruning forest trees	162
163. Number of farmers cooperating in prevention of forest fire	20 163
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 sirup	165

<sup>1</sup> 4-H farm shop clubs should be reported under this heading.<sup>2</sup> Includes food patches planted or left standing for wildlife.

## FORESTRY—Continued

Report Only This Year's Extensive Activities and Results That Can Be Verified

166. Number of farmers assisted in timber estimating and appraisal	4	166
167. Number of farmers following wood-preservation recommendations	2	167
168. Number of farmers following recommendations in the marketing of forest products	9	168

## WILDLIFE CONSERVATION—Continued

169. Number of farms on which specific improvements for wildlife have been made		169
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ITEM	RABBITS		FOXES AND OTHER FUR ANIMALS		GAME BIRDS		CONSERVATION CAMPS	
	+H members (a)	Adults (b)	+H members (c)	Adults (d)	+H members (e)	Adults (f)	+H members (g)	Adults (h)
169½. Number of individuals engaged or assisted in activity								
169¾. Number of animals or birds produced by such individuals							XXXX	XXXX

## AGRICULTURAL ENGINEERING—Continued

Engineering activities	Number of farms (a)	Number of units (b)	Total value of service or savings (c)
170. Terracing complete with outlets and contour cultivation		acres	\$
170½. Contour tillage alone		acres	
170¾. Gully control alone		acres	
171. Drainage practices		acres	
172. Irrigation practices		acres	
173. Land-clearing practices	6	400 acres	\$ 400.00
174. Better types of machines	15	18 machines	
175. Maintenance and repair of machines		machines	
176. Efficient use of machinery		XXXXXXXXXX	
177. All buildings constructed (include silos)	47	52 buildings	700.00
178. Buildings remodeled, repaired, painted	130	184 buildings	
179. Farm electrification	40	40 farms	
180. Home equipment (include sewing machines)	17	60	500.00
181. Total of columns (a) and (c)	255 farms	XXXXXXXXXX	\$ 14.00

182. Number of machines repaired as reported in questions 175 and 190, by types:

(a) Tractors	(d) Plows	(g) Sewing machines	39
(b) Tillage implements	(e) Mowers	(A) Other	
(c) Harvesters and threshers	(f) Planters		

183. Number of buildings and equipment improved as reported in questions 177, 178, 179, 180, by types:

(a) Dwellings constructed according to plans furnished	(A) Dairy buildings	10
(b) Dwellings remodeled according to plans furnished	(i) Silos	(1) Regular 12
(c) Sewage systems installed		(2) Trench or pit
(d) Water systems installed	(j) Hog houses	6
(e) Heating systems installed	(k) Poultry houses	21
(f) Lighting systems installed	(l) Storage structures	
(g) Home appliances and machines	(m) Other <sup>with plans</sup> <sub>with plans</sub>	26

\* Report the number of farms using electricity in farm enterprises for income-producing purposes such as electric milking, milk cooling, incubating, brooding, heated heating, etc.

Local Powers. assist in obtaining R.E.A. for 50 additional miles line

## POULTRY AND BEES

Report Only This Year's Extension Activities and Results That Can Be Verified

ITEM	Poultry (including turkeys) (a)	Bees (b)	
184. Days devoted to line of work by:			
(1) Home demonstration agents	3		184
(2) 4-H Club agents			
(3) Agricultural agents	16		
(4) Specialists	2		
185. Number of communities in which work was conducted	16		185
186. Number of voluntary local leaders or committeemen assisting	19		186
187. Days of assistance rendered by voluntary leaders or committeemen	17		187
188. Number of adult result demonstrations conducted			188
189. Number of meetings at result demonstrations	2		189
190. Number of method-demonstration meetings held	9		190
191. Number of other meetings held	7		191
192. Number of news stories published	4		192
193. Number of different circular letters issued	8		193
194. Number of farm or home visits made	97		194
195. Number of office calls received	136	2	195
196. Number of 4-H Club members enrolled	(1) Boys 41 (2) Girls 26		196
197. Number of 4-H Club members completing	(1) Boys 20 (2) Girls 17		197
198. Number of units in projects conducted by 4-H Club members completing	2090 chickens	colonies	198

## POULTRY—Continued

199. Number of families following an organized improved breeding plan as recommended	69	199
200. Number of families following recommendations in purchasing baby chicks	172	200
201. Number of families following recommendations in chick rearing	118	201
202. Number of families following production-feeding recommendations	119	202
203. Number of families following sanitation recommendations in disease and parasite control	111	203
204. Number of families improving poultry-house equipment according to recommendations	19	204
205. Number of families following marketing recommendations	50	205
206. Number of families assisted in using timely economic information as a basis for readjusting enterprise	125	206
207. Number of families following other specific practice recommendations:		
(a) <i>ulling</i>	108	207
(b)		

## 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 requeening recommendations		211
212. Number of farmers following marketing recommendations		212
213. Number of farmers following other specific practice recommendations:		
(a)		213
(b)		

\* 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	Swine	Horses and mules	Other livestock*	
	(a)	(b)	(c)	(d)	(e)	(f)	
214. Days devoted to line of work by:							
(1) Home demonstration agents							214
(2) 4-H Club agents							
(3) Agricultural agents	30	4	5	8	5		
(4) Specialists	18						
215. Number of communities in which work was conducted	6	5	5	6	6		215
216. Number of voluntary local leaders or committeemen assisting	18		4		2		216
217. Days of assistance rendered by voluntary leaders or committeemen	7		2		2		217
218. Number of adult result demonstrations conducted							218
219. Number of meetings at result demonstrations							219
220. Number of method-demonstration meetings held	3		1				220
221. Number of other meetings held							221
222. Number of news stories published	12	2	4	2	1		222
223. Number of different circular letters issued	7	2	4	1			223
224. Number of farm or home visits made	125	24	17	40	12		224
225. Number of office calls received	140	30	21	70	20		225
226. Number of 4-H Club members enrolled:							226
(1) Boys	27			33			
(2) Girls	1		1	1			
227. Number of 4-H Club members completing:							227
(1) Boys	19			26			
(2) Girls	1		1	1			
228. Number of animals in projects conducted by 4-H Club members completing	56		5	108			228
229. Number of farmers assisted in obtaining purebred sires	14	8	6	9			229
230. Number of farmers assisted in obtaining high-grade or purebred females	30	3	5	7			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	1						233
234. Number of members in these associations	25						234
235. Number of farmers not in associations keeping performance records of animals	9						235
236. Number of families assisted in home butchering, meat cutting, and curing	XXXX	6	1	12	XXXX		236
237. Number of families assisted in butter and cheese making		XXXX	XXXX	XXXX	XXXX	XXXX	237
238. Number of farmers following parasite-control recommendations	12	22	20	11			238
239. Number of farmers following disease-control recommendations	70	35	8	30			239
240. Number of farmers following marketing recommendations	72	12	11	40	5		240
241. Number of farmers assisted in using timely economic information as a basis for readjusting enterprise	65	20	16	40	7		241

\*Do not include rabbits, game, and fur animals, which should be reported under Wildlife Conservation.

9-5212

## 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 <sup>1</sup>	FARM MANAGEMENT			Outlook	Marketing, buying, selling, and financing	
		Farm records (inventories, accounts, etc.)	Individual farm planning	Farm and home planning (short and long time)			
	(a)	(b)	(c)	(d)	(e)	(f)	
244. Days devoted to line of work by:							
(1) Home demonstration agents							244
(2) 4-H Club agents							
(3) Agricultural agents	15	8	14	6	5	7	
(4) Specialists							
245. Number of communities in which work was conducted	6		5	6			245
246. Number of voluntary local leaders or committeemen assisting	12		2	4			246
247. Days of assistance rendered by voluntary leaders or committeemen	14		2	4			247
248. Number of adult result demonstrations conducted							248
249. Number of meetings at result demonstrations							249
250. Number of method-demonstration meetings held							250
251. Number of other meetings held	29 <sup>x</sup>						251
252. Number of news stories published	4	1		3	2	2	252
253. Number of different circular letters issued	6	1		2	2	3	253
254. Number of farm or home visits made	10	32	21	8		12	254
255. Number of office calls received	30	27	48	129	43	45	255
256. Number of 4-H Club members enrolled							256
(1) Boys	XXXX			XXXX	XXXX	XXXX	
(2) Girls	XXXX			XXXX	XXXX	XXXX	
257. Number of 4-H Club members completing							257
(1) Boys	XXXX			XXXX	XXXX	XXXX	
(2) Girls	XXXX			XXXX	XXXX	XXXX	
258. Number of farmers keeping farm accounts throughout the year under supervision of agent					(a) Regular 13 (b) AAA		258
259. Number of farmers keeping cost-of-production records under supervision of agent					26		259
260. Number of farmers assisted in summarizing and interpreting their accounts					12		260
261. Number of farmers assisted in making inventory or credit statements					9		261
262. Number of farmers assisted in obtaining credit					40		262
263. Number of farmers assisted in making mortgage or other debt adjustments							263
264. Number of farm credit associations assisted in organizing during the year							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					33		266
267. Number of other farmers adopting cropping, livestock, or complete farming systems according to recommendations					200		267
268. Number of farmers advised relative to loans					35		268
269. Number of farmers assisted in developing supplemental sources of income							269
270. Number of families assisted in reducing cash expenditure:							270
(a) By exchange of labor or machinery							
(b) By bartering farm or home products for other commodities or services					40		
(c) By producing larger part of food on farm					234		
(d) By making own repairs of buildings and machinery							

<sup>1</sup> Include county agricultural planning, taxation, land utilization, and economic basis of extension program.

9-5212

229. Community and County discussion re planning meetings held with total attendance 3645.

## AGRICULTURAL ECONOMICS—Continued

Report Only This Year's Extension Activities and Results That Can Be Verified

271. Number of urban families moving to farms who have been assisted in getting established	17	271
272. Number of farm families on relief assisted to become self-supporting	4	272
273. Number of marketing associations or groups <sup>1</sup> assisted in organizing during the year		273
274. Number of marketing associations or groups <sup>1</sup> previously organized assisted by extension agents this year	3	274
275. Membership in associations and groups organized or assisted (273 and 274)	90	275
276. Number of individuals (not in associations) assisted with marketing problems	40	276
277. Number of families following other specific practice recommendations		277

ITEM	Standardizing, packaging, or grading (a)	Promoting or manufacturing (b)	Locating markets and transportation (c)	Use of current market information (d)	Financing (e)	Organization (f)	Accounting (g)	Keeping membership informed (h)	
278. Number of organizations assisted with problems of	2		1	3				3	278
279. Number of individuals (not in organizations) assisted with problems of	3		45	700	XXXX	XXXX	XXXX	XXXX	279

ITEM	Hay and grain (a)	Cotton (b)	Tobacco (c)	Dairy products (d)	Livestock (e)	Wool (f)	
280. Value of products sold by all associations or groups organized or assisted	\$	\$	\$	\$ 350 <sup>00</sup>	\$ 5,000 <sup>00</sup>	\$ 400 <sup>00</sup>	280
281. Value of products sold by individuals (not in organizations) assisted	\$ 1,500 <sup>00</sup>	\$	\$	\$	\$ 6,900 <sup>00</sup>	\$ 12.00	281

ITEM	Fruits and vegetables (a)	Poultry and eggs (b)	Home products		(c)	(d)	
			Food (f)	Handicraft (g)			
280. Value of products sold by all associations or groups organized or assisted	\$ 4	\$	\$	\$	\$	\$	280
281. Value of products sold by individuals (not in organizations) assisted	\$ 4,000 <sup>00</sup>	\$ 25,000 <sup>00</sup>	\$	\$	\$	\$	281

ITEM	Livestock (a)	Feed for livestock (b)	Farm equipment (c)	Oil and gas (d)	Fertilizer, seed, and other farm supplies (e)	Home equipment (f)	Home supplies (g)	
282. Value of supplies purchased by all associations or groups organized or assisted	\$	\$	\$ 1,800	\$	\$	\$	\$	282
283. Value of supplies purchased by individuals (not in organizations) assisted	\$	\$ 3,000	\$	\$	\$ 7,000	\$	\$	283

<sup>1</sup> Includes independent local associations, units of federations, branches of centralized organizations, terminal sales agencies, production associations which do buying or selling, and curb and home demonstration club markets.

## FOODS AND NUTRITION

Report Only This Year's Extension Activities and Results That Can Be Verified

ITEM	Food selection and preparation (a)	Food preservation (b)	
284. Days devoted to line of work by:			
(1) Home demonstration agents	62	20	} 284
(2) 4-H Club agents			
(3) Agricultural agents			
(4) Specialists	1		
285. Number of communities in which work was conducted	11	14	285
286. Number of voluntary local leaders or committeemen assisting	16	11	286
287. Days of assistance rendered by voluntary leaders or committeemen	58	6	287
288. Number of adult result demonstrations conducted	187	108	288
289. Number of meetings at result demonstrations		17	289
290. Number of method-demonstration meetings held	(1) By agents or specialists 68	12	} 290
	(2) By leaders 42	2	
291. Number of other meetings held	(1) By agents or specialists 8		} 291
	(2) By leaders 1		
292. Number of news stories published	12	6	292
293. Number of different circular letters issued	16	1	293
294. Number of farm or home visits made	58	23	294
295. Number of office calls received	62	29	295
296. Number of 4-H Club members enrolled	(1) Boys (2) Girls	35	} 296
297. Number of 4-H Club members completing	(1) Boys (2) Girls	24	
298. Number of units in projects conducted by 4-H Club members completing:			
(a) Dishes of food products prepared		(b) Meals planned and served	} 298
(c) Quarts canned <u>3443</u>		(d) Other containers of jelly, jam, and other products <u>875</u>	
(e) Pounds of vegetables and fruits stored or dried			
299. Number of families budgeting food expenditure for a year <u>Food Budget</u>		21	
300. Number of families following food-buying recommendations		29	300
301. Number of families serving better-balanced meals		63	301
302. Number of families improving home-packed lunches according to recommendations		50	302
303. Number of schools following recommendations for a hot dish or school lunch		8	303
304. Number of children involved in question 303		815	304
305. Number of families following recommended methods of child feeding			305
306. Number of individuals adopting recommendations for corrective feeding (such as weight control, anemia, pellagra, and constipation)		45	306
307. Number of families producing and preserving home food supply according to annual food-supply budget <u>71</u>			307
308. Number of families assisted in the canning or otherwise preserving of fruits, vegetables, and meats <u>150</u>			308
309. Number of quarts canned by families reported under question 308. (Do not include 4-H Club members) <u>947</u>			309
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) <u>1580</u>			310
311. Total estimated value of all products canned or otherwise preserved (questions 298, 306, 310) <u>\$2736.55</u>			311
312. Number of families following recommendations for the storage of home food supply <u>80</u>			312
313. Number of families assisted in using timely economic information as a basis for readjusting family food supply <u>85</u>			313

## CHILD DEVELOPMENT AND PARENT EDUCATION

Report Only This Year's Extension Activities and Results That Can Be Valued

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.....	
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.....	
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.....		
335. Number of families following other specific practice recommendations: <sup>1</sup>		
(a).....	.....	} 335
(b).....	.....	
(c).....	.....	
(d).....	.....	
(e).....	.....	

<sup>1</sup>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			
(c) Agricultural agents			
(d) Specialists			
337. Number of communities in which work was conducted	8		337
338. Number of voluntary local leaders or committeemen assisting	4		338
339. Days of assistance rendered by voluntary leaders or committeemen	2		339
340. Number of adult result demonstrations conducted			340
341. Number of meetings at result demonstrations			341
342. Number of method-demonstration meetings held		(a) By agents or specialists	342
		(b) By leaders 5	
343. Number of other meetings held		(a) By agents or specialists	343
		(b) By leaders	
344. Number of news stories published			344
345. Number of different circular letters issued			345
346. Number of farm or home visits made	17		346
347. Number of office calls received	24		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				351
352. Number of individuals following recommendations in the selection of clothing				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			XXXXX	355
356. Number of individuals improving children's clothing according to recommendations				356
357. Number of individuals following recommendations in improving care, renovation, and remodeling of clothing	62			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	\$243.00	\$		359
360. Number of individuals following other specific practice recommendations: *				360
(a)				
(b) No. garments remodelled	67			

\* 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.

9-6612

no individuals to wear sensible, comfortable shoes

20

## HOME MANAGEMENT AND HOUSE FURNISHINGS

Report Only This Year's Extension Activities and Results That Can Be Verified

ITEM	Home management (a)	House furnishings (b)	Handicraft (c)	
361. Days devoted to line of work by:				
(1) Home demonstration agents.....		75	7	} 361
(2) 4-H Club agents.....				
(3) Agricultural agents.....				
(4) Specialists.....		1		
362. Number of communities in which work was conducted.....	8	13	8	362
363. Number of voluntary local leaders or committeemen assisting.....	19	13	3	363
364. Days of assistance rendered by voluntary leaders or committeemen.....	25	102	7	364
365. Number of adult result demonstrations conducted.....	139	35	55	365
366. Number of meetings at result demonstrations.....		7		366
367. Number of method-demonstration meetings held.....	8	54	4	} 367
(1) By agents or specialists.....		59	6	
(2) By leaders.....				
368. Number of other meetings held.....	3	14		} 368
(1) By agents or specialists.....				
(2) By leaders.....				
369. Number of news stories published.....	8	18	2	369
370. Number of different circular letters issued.....	8	30		370
371. Number of farm or home visits made.....	55	178	12	371
372. Number of office calls received.....	28	84	16	372
373. Number of 4-H Club members enrolled.....		153		} 373
(1) Boys.....				
(2) Girls.....				
374. Number of 4-H Club members completing.....		133		} 374
(1) Boys.....				
(2) Girls.....				
375. Number of units in projects conducted by 4-H Club members completing.....		{ 151 rooms 271 articles }	articles	375

## HOME MANAGEMENT—Continued

376. Number of kitchens rearranged or improved for convenience according to recommendations.....	74	376
377. Number of families following recommendations in obtaining labor-saving equipment.....	37	377
378. Number of families adopting recommended laundering methods.....		378
379. Number of families assisted in home soap making.....	20	379
380. Number of families adopting recommended methods in care of house.....	79	380
381. Number of families assisted in making home-made equipment or conveniences.....	34	381
382. Number of women following a recommended schedule for home activities.....		382
383. Number of 4-H Club members keeping personal accounts.....	10	383
384. Number of families keeping home accounts according to a recommended plan.....		384
385. Number of families budgeting expenditures in relation to income according to a recommended plan.....	5	385
386. Number of families assisted in developing home industries as a means of supplementing income.....		386
387. Number of families following recommended methods in buying for the home (other than foods and clothing).....		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.....	45	389



## 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 <i>69</i> .....	417
	(b) Girls <i>176</i> .....	
418. Number of individuals having health examination on recommendation of extension workers or participating in health contests.....	(a) 4-H Club members <i>200</i> .....	418
	(b) Others <i>4</i> .....	
419. Number of individuals improving health habits according to recommendations.....	<i>42</i> .....	419
420. Number of individuals improving posture according to recommendations.....	<i>7</i> .....	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.....	<i>60</i> .....	423
424. Number of homes screened according to recommendations.....	<i>90</i> .....	424
425. Number of families following other recommended methods of controlling flies, mosquitoes, and other insects.....	<i>97</i> .....	425
426. Number of individuals enjoying improved health as a result of health and sanitation program.....		426
427. Number of families following other specific practice recommendations: <sup>1</sup>		
(a) <i>General clean-up of premises</i> .....	<i>112</i> .....	427
(b).....		

## EXTENSION ORGANIZATION AND COMMUNITY ACTIVITIES

Report Only This Year's Extension Activities and Results That Can Be Verified

ITEM	Extension organization and program making	Community or country-life activities	
	(a)	(b)	
428. Days devoted to line of work by:			
(1) Home demonstration agents.....	<i>32</i>	<i>24</i>	428
(2) 4-H Club agents.....			
(3) Agricultural agents.....	<i>9</i>	<i>10</i>	
(4) Specialists.....	<i>6</i>		
429. Number of communities in which work was conducted.....	<i>17</i>	<i>17</i>	429
430. Number of voluntary local leaders or committeemen assisting.....	<i>139</i>	<i>18</i>	430
431. Days of assistance rendered by voluntary leaders or committeemen.....	<i>214</i>	<i>32</i>	431
432. Number of meetings held.....	<i>101</i>	<i>59</i>	432
433. Number of news stories published.....	<i>18</i>	<i>19</i>	433
434. Number of different circular letters issued.....	<i>24</i>	<i>16</i>	434
435. Number of farm or home visits made.....	<i>82</i>	<i>74</i>	435
436. Number of office calls received.....	<i>84</i>	<i>94</i>	436

<sup>1</sup>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.

## COMMUNITY OR COUNTRY-LIFE ACTIVITIES—Continued

437. Number of communities assisted in making social or country-life surveys, or in scoring themselves or their community organizations	437
438. Number of country-life conferences or training meetings conducted for community leaders	438
439. Number of community groups assisted with organizational problems, programs of activities, or meeting programs	439
440. Number of communities developing recreation according to recommendations	440
441. Number of families following recommendations as to home recreation	441
442. Number of community or county-wide pageants or plays presented	442
443. Number of community houses, clubhouses, permanent camps, or community rest rooms established for: (a) Adults	443
(b) Juniors	
444. Number of communities assisted in establishing work centers for canning, seed treatment, meat curing, etc.	444
445. Number of communities assisted in improving hygienic or public-welfare practices	445
446. Number of school or other community grounds improved in accordance with plans furnished	446
447. Number of communities assisted in providing library facilities	447
448. Number of 4-H Clubs engaging in community activities, such as improving school grounds, conducting local fairs, etc.	448
449. Number of families aided in obtaining assistance from Red Cross or other relief agency	449

## OTHER ACTIVITIES

Report Only This Year's Extension Activities and Results That Can Be Verified

ITEM	Predatory animals	Rodents	General-leader insects <sup>1</sup>	Weeds	All other work	
	(a)	(b)	(c)	(d)	(e)	
450. Days devoted to line of work by:						
(1) Home demonstration agents					24	450
(2) 4-H Club agents						
(3) Agricultural agents				1	12	
(4) Specialists						
451. Number of communities in which work was conducted				6	14	451
452. Number of voluntary local leaders or committeemen assisting					15	452
453. Days of assistance rendered by voluntary leaders or committeemen					10	453
454. Number of adult result demonstrations conducted					200	454
455. Number of meetings at result demonstrations						455
456. Number of method-demonstration meetings held					24	456
457. Number of other meetings held					58	457
458. Number of news stories published				1	14	458
459. Number of different circular letters issued				2	22	459
460. Number of farm or home visits made					83	460
461. Number of office calls received					299	461
462. Number of farmers following recommendations				23		462
463. Pounds of poison used					XXXX	463
464. Total estimated saving due to control program	\$	\$	\$	\$	XXXX	464

## MISCELLANEOUS 4-H CLUBS (Indicate by name)

ITEM	Leadership					
	(a)	(b)	(c)	(d)	(e)	
465. Number of 4-H Club members enrolled	(1) Boys					465
	(2) Girls					
466. Number of 4-H Club members completing	(1) Boys					466
	(2) Girls					

<sup>1</sup> Include grasshoppers, army worms, chinch bugs, and other insects not reported under specific crop or livestock headings.



## Supplemental Report

## WORK IN COOPERATION WITH OTHER FEDERAL AGENCIES—Continued

The purpose of this supplemental report is to bring together in one place all the work done in relation to the programs of these agencies, regardless of duplication. Include all related work reported under regular project headings on preceding pages, and in addition all other assistance rendered such agencies.

ITEM	Works Progress Admin- stration	National Youth Adminis- tration	Social Security, Public Health, Children's Bureau	Other (including relief)	Farm Credit Adm.	
	(f)	(g)	(h)	(i)	(j)	
467. Days devoted to line of work by:						
(1) Home demonstration agents.....	1					467
(2) 4-H Club agents.....						
(3) Agricultural agents.....					6	
(4) Specialists.....						
468. Number of communities in which work was conducted.....	1				6	468
469. Number of voluntary local leaders or committeemen assisting.....					4	469
470. Days of assistance rendered by such leaders or committeemen.....					4	470
471. Number of paid local leaders or committeemen assisting.....	1					471
472. Days of assistance rendered by paid local leaders.....						472
473. Number of meetings held.....						473
474. Number of news stories published.....					3	474
475. Number of different circular letters issued.....					2	475
476. Number of farm or home visits made.....						476
477. Number of office calls received.....	2				130	477
478. Number of farms or homes directly assisted by extension agents to carry out the program of the agency.....					20	478
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## Supplemental Report

## AGRICULTURAL CONSERVATION AND SOIL CONSERVATION—Continued

The purpose of this supplemental report is to bring together in one place all the work done in relation to the programs of these agencies, regardless of duplication. Include all related work reported under regular project headings on preceding pages, and in addition all other assistance rendered such agencies.

ACTIVITIES	Number of farms	Number of units	Total value of service or savings	
	(a)	(b)	(c)	
479. Farms in legal soil-conservation districts or in county soil-conservation associations.....		acres.	X X X X	479
480. Tests for soil acidity.....	170	3500 acres	\$ 3500 00	480
481. Applying lime materials.....		tons.		481
482. Tests for plant-food deficiencies.....	150	2200 acres	4400 00	482
483. Applying recommended fertilizers.....		tons.		483
484. Proper land use—based on soil types (use of soil-survey maps).....		acres.		484
485. Using recommended crop rotations.....		acres.		485
486. Plowing under green manure.....		acres.		486
487. Controlling soil blowing.....		acres.		487
488. Strip cropping.....		acres.		488
489. Using cover crops.....		acres.		489
490. Approved summer-fallow.....		acres.		490
491. Constructing terraces.....		acres.		491
492. Controlling gullies.....		acres.		492
493. Growing crops on contour.....		acres.		493
494. Pasture and range improvement by contouring.....		acres.		494
495. Grassing waterways.....		acres.		495
496. Depth of moisture tests.....		acres.		496
497. Floodwater control for crop production.....		acres.		497
498. Weed control:				} 498
(1) By cultural practices.....	23	345 acres	500	
(2) By chemicals.....		acres.		