

Rockingham County,.....Virginia

County Agent Annual Report —1922

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COOPERATIVE EXTENSION WORK IN AGRICULTURE  
AND HOME ECONOMICS

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

States Relations Service  
Office of Extension Work  
Washington, D. C.

REPORT OF WORK OF THE COUNTY AGENT

For November 30, 1922



State Virginia

County Roanoke

Report of Clara W. Campbell County Agent

From December 1, 1921 to November 30, 1922

Approved:

\_\_\_\_\_  
State Agent

Date Forwarded \_\_\_\_\_

\_\_\_\_\_  
Director of Extension Work

97-828



ANNUAL REPORT FORM AND INSTRUCTIONS TO AGENTS

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

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

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

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

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

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

It should be distinctly understood that these forms are only to summarize the statistical part of the report.

A separate narrative report should accompany this statistical summary.

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

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

**CROPS:**

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

**OTHER WORK:**

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

**LIVE STOCK:**

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
















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

## MAP OF COUNTY

### SHOWING KIND AND DISTRIBUTION OF WORK

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

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

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

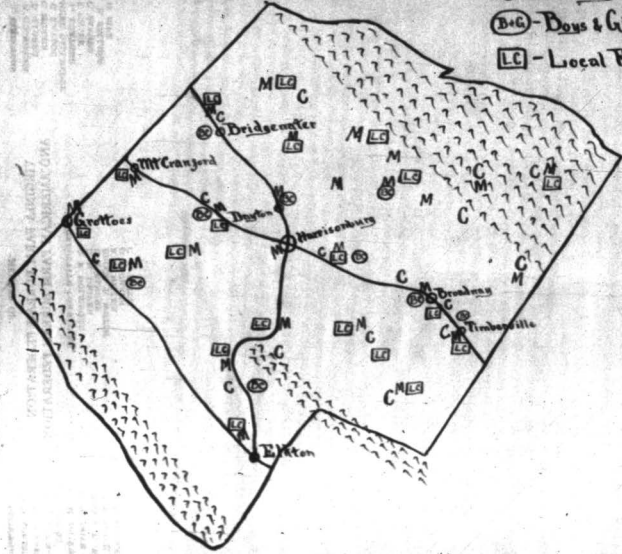
Additional signs may be used for other lines of work. The use of colored pencils for these signs, using one color for all the work of the same kind, makes such a map very effective. If further suggestions are desired in this connection write direct to this office. It is believed that a large outline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

MAP OF COUNTY  
SHOWING FIRM AND DISTRICTS OF FARMERS

ROCKINGHAM COUNTY FARM BUREAU

ROCKINGHAM COUNTY FARM BUREAU  
 1917-18  
 DISTRICTS  
 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100.

ROCKINGHAM COUNTY FARM BUREAU  
 1917-18  
 DISTRICTS  
 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100.



- M - Meetings
- C - Poultry Culling Dem
- (B+G) - Boys & Girls Agriculture Club
- [LC] - Local Farm Clubs

5

6

Space for Agent's Stamp

COUNTY ORGANIZATION

1. Is there a central county committee supporting your work? Yes (for)
2. If so, what is it called? Washington Agricultural Advisory Council
3. Who constitute its membership? Three men from each of the four Districts and two from Harwichburg - 500 farmers of the County
4. How is membership selected or appointed? Advisory Council is appointed by Director of Extension
5. Does this committee help you make a county plan of work? The Advisory Council is responsible for the plans

How long has this county organization been in existence? 3 years  
Started 24 years  
before a little more than year

6. Number of communities in your county \_\_\_\_\_
7. How many community farmers' clubs have you assisted in organizing this year? 18  
Total membership 200
8. How many community farmers' clubs have you in your county? 20  
Total membership 600
9. How many community farmers' clubs have ceased to exist during (Give reason) the year? 12
10. How many of these clubs are organized so as to include the farmer's wife, children, and others, in their membership? All 20

7

Space for agent's stamp

**COUNTY ORGANIZATIONS (Continued)**

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

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- 12. Are these community farmers' clubs dependent on the county agent for their existence and the continuation of their efforts? \_\_\_\_\_
- 13. Does each club have a community plan or program of work? \_\_\_\_\_  
(Attach a copy of such plans for the past year)

Here to is attached the plan of the work for the  
 Rockingham County Farm Bureau, of which eighteen of the  
 local clubs are branches.

1922-23

Rockingham County Farm Bureau.

(Continued)

My report would not be complete without making further mention of the Rockingham County Farm Bureau, this organization operated successfully from Aug. 1 1921 to Aug. 1, 1922 with about three hundred members. In August 1922 the membership fee was raised from \$5 to \$10 and a membership campaign was put on which resulted in increasing the membership to about five hundred and fifty, which includes the most substantial and progressive farmers of the County and also many of our bankers, business men and educators, and I understand is the strongest farm bureau in the south.

While the farm bureau is responsible for most of the business enumerated on the opposite page and also a great deal of saving due to the general change of price by commercial concerns in their effort to meet the prices obtained by the Farm Bureau, yet the Farm Bureau should not be looked upon as merely a business organization. The Rockingham County Farm Bureau is helping the farmer from a business standpoint from a social and educational standpoint and while it is absolutely nonpartisan it is also looking after the political interests of the farmer.

There is nothing to be gained by the farmer if he does not have the farm bureau to help him.

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COOPERATIVE EXTENSION WORK  
IN  
AGRICULTURE AND HOME ECONOMICS  
STATE OF VIRGINIA

EXTENSION SERVICE

TRAINED AGRICULTURAL AND HOME ECONOMICAL  
MAJORS AND POLYTECHNIC GRADUATES  
AND OTHERS UNDER THE SUPERVISION OF  
AGRICULTURAL ENGINEERS

ROCKINGHAM COUNTY FARM BUREAU

PROGRAM WORK

In undertaking the following program of work the Farm Bureau requests and expects the cooperation and support of the farmers of the County and urgently requests that they inform themselves as to its purposes and aims before doing or saying anything which would tend to check this movement for better farming conditions.

1--Feeling that many of the state and national agricultural questions are important, we shall support the Virginia Farm Bureau, Federation and the American Farm Bureau Federation in their undertakings.

2--Knowing the County Agents work to have been very beneficial to the farming interests of the County and knowing that this can be made far more effective, the Farm Bureau plans to strengthen and support this work as follows:

2-(A) To back up the County agents program of work in order to get better farming practices established.

3- To employ a man acquainted with the farmers of this County and who is familiar with the farming practices of the section; to be responsible to the Farm Bureau through their Board of Directors and who shall work in co-operation with the County Agent, but whose duties shall be along business lines and whose undertakings shall be those things which the County Agent is not in a position to do.

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COOPERATIVE EXTENSION WORK  
IN  
AGRICULTURE AND HOME ECONOMICS  
STATE OF VIRGINIA

-- 2 --

EXTENSION SERVICE

GENERAL AGRICULTURAL AND MECHANICAL  
COLLEGE AND POLYTECHNIC INSTITUTE  
AND OTHER STATE INSTITUTIONS OF  
AGRICULTURAL EDUCATION

4-- As suggested by the above the following shall be some of the definite undertakings of the Farm Bureau in this County this year.

A--To assist in organizing a cooperative livestock shipping association through which the livestock of members can be shipped direct to market.

B--To assist the members who are producing high class poultry and eggs to secure a market direct to the consumer such as hotels, clubs, etc.

C--To investigate the wheat situation and cooperate with other Valley of Virginia Farmers Organizations to try to establish Baltimore prices for wheat instead of Baltimore less freight prices which are now in effect.

D--To investigate the milk marketing of this section and ascertain the reason for the sectional discrimination in milk prices here.

E-- To assemble the wool of Farm Bureau members for manufacturing into blankets and coverlets and dispose of some to the farmers and others of this County so as to provide an attractive market for the wool of the members in the County.

F-- By using the employees of the Farm Bureau to assist local club buyers in the gathering of prices and seeking of markets and to work out a brokerage relationship for the local clubs which will cause such an arrangement to not in any way disturb the work of relationship of the local buyers, but to make their work more effective.

COOPERATIVE EXTENSION WORK  
IN  
AGRICULTURE AND HOME ECONOMICS  
STATE OF VIRGINIA

11

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

EXTENSION SERVICE

--- 3---2

6-- To investigate the movement of wheat into and out of the Valley section and the relation thereto of the "Milling in transit privilege" and ascertain if Valley wheat is being unjustly discriminated against by this ruling. If so, to take such action as seems advisable in laying such information before the Inter State Commerce Commission.

We recommend the following officers.  
President, Vice president, Sec. Treas.  
Board of Directors consisting of twenty four.  
An executive committee of seven; five and sec, treas. & Pres.  
One from each majestrial district and Sec.

B 12

Space for agent's stamp

**COOPERATIVE BUYING  
AND SELLING ORGANIZATIONS**

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

| Bought | Article                         | Quantity  |                  | Value              | Savings           |
|--------|---------------------------------|-----------|------------------|--------------------|-------------------|
|        |                                 | Cars      | No. lbs. or tons |                    |                   |
|        | <i>Fertilizer</i>               |           | <i>1638</i>      | <i>\$28,144.28</i> | <i>\$1,742.00</i> |
|        | <i>Seed</i>                     |           | <i>1056</i>      | <i>8,824.52</i>    | <i>598.46</i>     |
|        | <i>Auto tires and tubes</i>     |           | <i>365</i>       | <i>2,876.65</i>    | <i>705.05</i>     |
|        | <i>Miscellaneous</i>            |           |                  | <i>10,655.52</i>   | <i>1,608.82</i>   |
|        |                                 |           |                  |                    | <i>49.52</i>      |
|        | <i>Milk</i>                     |           |                  | <i>51101</i>       |                   |
|        | <i>Hatchery, hogs and sheep</i> | <i>14</i> |                  | <i>26,000.00</i>   | <i>2,000.00</i>   |
|        |                                 |           |                  | <i>23,700.00</i>   | <i>5,000.00</i>   |
|        |                                 |           |                  | <i>47410</i>       | <i>2371</i>       |

3. Have you attempted to keep a bulletin board in your office, listing things for sale and things wanted? \_\_\_\_\_
4. Have you used the market news service of the U. S. Department of Agriculture or your State market news service? \_\_\_\_\_

Space for agent's stamp.

SMALL GRAINS

(Oats, Wheat, Rye, Barley, Buckwheat)

7 Demonstration

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

- 1. Number of demonstrators 8
- 2. Number of demonstrators reporting \_\_\_\_\_
- 3. Total acreage grown under improved methods on demonstration farms \_\_\_\_\_
- 4. Average yield per acre on demonstrations (bushels) \_\_\_\_\_
- 5. Estimated average yield per acre for entire county (bushels) \_\_\_\_\_
- 6. Increased yield per acre on demonstrations over ordinary methods (bushels) \_\_\_\_\_
- 7. Number of cooperators \_\_\_\_\_
- 8. Total acreage grown under improved methods by cooperators \_\_\_\_\_
- 9. Average yield per acre by cooperators (bushels) \_\_\_\_\_
- 10. Number of farmers testing seed for germination \_\_\_\_\_
- 11. Number of bushels so tested \_\_\_\_\_
- 12. Number of demonstration acres threshed for grain \_\_\_\_\_
- 13. Acreage planted with pure or selected seed 21
- 14. Number of demonstration acres cut for hay \_\_\_\_\_
- 15. Average yield of cured hay per acre on demonstrations ( tons ) \_\_\_\_\_
- 16. Increase per acre of cured hay on demonstrations over ordinary methods ( tons ) \_\_\_\_\_
- 17. Number of acres grazed off \_\_\_\_\_
- 18. Estimated value per acre of grazing \$ \_\_\_\_\_
- 19. Number of acres turned under for soil improvement \_\_\_\_\_
- 20. How many bushels of seed were treated for smut? 100
- 21. On how many farms have you introduced the growing of small grains or improved cultural methods? \_\_\_\_\_
- 22. Number of communities in which demonstrations were conducted 8

(over)



14  
15

Space for agent's stamp

ORCHARDS

1. Number of demonstration home orchards - - - - - ( Apple \_\_\_\_\_  
 ) Peach \_\_\_\_\_  
 ) Other \_\_\_\_\_
2. Total number of trees in these demonstrations \_\_\_\_\_
- |   | Orchards | Acres | Trees |
|---|----------|-------|-------|
| 3. Orchards inspected by agent  | _____    | _____ | _____ |
| 4. Orchards pruned due to year influence                                    | _____    | _____ | _____ |
| 5. Orchards sprayed due to your influence                                   | _____    | _____ | _____ |
| 6. Peach orchards treated for borers due to your influence                  | _____    | _____ | _____ |
| 7. Orchards planted due to your influence                                   | _____    | _____ | _____ |
| <b>TOTAL</b>  |          |       |       |
| 8. How many commercial orchards in your county - Apple                      | _____    | Trees | _____ |
| 9. How many commercial orchards in your county - Peach                      | _____    | Trees | _____ |
| 10. How many commercial orchards in your county - Other                     | _____    | Trees | _____ |
| 11. How many commercial orchards have you assisted in caring for?           | _____    |       | _____ |
| 12. How many trees did you actually spray?                                  | _____    |       | _____ |
| 13. How many trees did you actually prune?                                  | _____    |       | _____ |
| 14. How many trees did you actually worm?                                   | _____    |       | _____ |
| 15. Estimated value of increased production due to demonstration methods \$ | _____    |       | _____ |
| 16. Report of special campaigns, results, etc.                              | _____    |       | _____ |
| 17. Number of communities in which orchard demonstrations were conducted    | _____    |       | _____ |

Fruitmen organize.

On a call issued by the County Agent 19 representative orchardmen met Dec. 1, in the County Agents office and made plans for a fruit growers association, which now has about 75 members, representing all of the fruit sections of the County.

The main activities of this association have been along educational lines, although considerable was saved by the cooperative purchasing of spray materials, nitrates etc. In cooperation with the Extension Division and the local news paper, the fruitmen have been given very valuable and accurate information ~~through~~ by means of spray calendars, telegrams etc., as to time and method of spraying.

Apple Packing Plant.

Under the guidance of Kent Apperson twelve orchard men representing about 400 acres of bearing orchard within the radius of a few miles of Harrisonburg, built a \$10,000 grading and packing plant. About 4000 barrels of apples were packed and graded this season and all seemed to agree that a much better pack was put out at a somewhat less cost than would have been possible with the small individual packing plants. I understand that this is the first plant of its kind in Virginia, but I believe that many more should be established.

17

Space for agent's stamp

DAIRY CATTLE

- 1. How many head of registered bulls have been secured this year through your influence? 8
- 2. How many head of registered sons or heifers have been secured this year through your influence? \_\_\_\_\_
- 3. How many head of pure-bred dairy cattle have you assisted your farmers in selling this year - through individual sales? \_\_\_\_\_
- 4. How many head of pure-bred dairy cattle have you assisted your farmers in selling this year - through group sales? \_\_\_\_\_
- 5. How many high-grade dairy cows have been secured this year through your influence? \_\_\_\_\_
- 6. How many cows have been tested by individuals at your instance to determine the profitable milk producers? 200
- 7. Do you carry or own a Babcock tester? \_\_\_\_\_
- 8. How many farmers have been induced to feed a better balanced ration to their stock? \_\_\_\_\_
- 9. How many head of stock so fed? \_\_\_\_\_
- 10. How many demonstrations in dairy work have you supervised? \_\_\_\_\_
- 11. How many cows in these demonstrations?(Report results under "Remarks") \_\_\_\_\_
- 12. How many new cream stations established this year due to your influence? \_\_\_\_\_
- 13. How many cream stations in county? \_\_\_\_\_
- 14. How many new cream routes established this year due to the influence of the county agent's work? \_\_\_\_\_  
(If creameries have been established make report)
- 15. How many cheese factories in your county? \_\_\_\_\_
- 16. How many cheese factories established in your county this year? \_\_\_\_\_
- 17. How many pure-bred dairy bulls in the county now? \_\_\_\_\_
- 18. How many pure-bred dairy cows in the county now? \_\_\_\_\_

DAIRY CATTLE (Continued)

19. How many cow testing associations organized this year due to your influence? (Give report if any) \_\_\_\_\_
20. Number members in above Ass'ns? \_\_\_\_\_
21. " cows tested by " " ? \_\_\_\_\_
22. How many dairy breeders' associations established this year due to your influence? (Give report if any) \_\_\_\_\_
23. How many dairy bull associations established this year? \_\_\_\_\_
24. Number of members in these associations \_\_\_\_\_
25. Number of bulls in these associations \_\_\_\_\_
26. Total number of cows kept by members of these associations \_\_\_\_\_
27. Total number of bull associations now in operation in your county \_\_\_\_\_
28. Number of communities in which dairy cattle demonstrations were conducted \_\_\_\_\_

19

Space for agent's stamp

BEEF CATTLE

1. How many head of registered bulls have been secured this year through your influence? *(about)* 20
2. How many head of registered cows or heifers have been secured this year through your influence? \_\_\_\_\_
3. How many head of pure-bred beef cattle have you assisted your farmers in selling this year - through individual sales? *(about)* 10
4. How many head of pure-bred beef cattle have you assisted your farmers in selling this year - through group sales? 24
5. How many head of high-grade cows have been secured through your influence? \_\_\_\_\_
6. How many beef breeding herds were started this year due to your influence? \_\_\_\_\_
7. How many head of feeding cattle have been brought into the county this year through your influence? \_\_\_\_\_
8. How many beef feeding demonstrations did you supervise? \_\_\_\_\_
9. How many cattle in these feeding demonstrations? \_\_\_\_\_
10. On how many of these demonstrations were records kept?  
(Give methods, dates, and results in dollars, gains made, cost of gains, total profit; etc., under "Remarks") \_\_\_\_\_
11. Estimate the number of beef cattle cared for according to methods which you advocated - where methods were wholly followed \_\_\_\_\_
12. Estimate the number of beef cattle cared for according to methods which you advocated - where methods were partially followed \_\_\_\_\_  
(Give results of these methods and special campaigns along beef cattle lines under "Remarks") \_\_\_\_\_
13. Number of beef cattle breeders' associations or clubs formed \_\_\_\_\_
14. Number of members of such associations or clubs \_\_\_\_\_
15. Number of pure-bred beef bulls in county now? *(about)* 200
16. Number of pure-bred beef cows in county now? *(about)* 150
17. Number of communities in which beef cattle demonstrations were conducted \_\_\_\_\_

*(over)*

**BEEF SIRE CAMPAIGN**

In an effort to encourage the better beef bull campaign all of the ten banks of the County agreed to loan money to the amount of the difference in price of the pure bred and the scrub that was to be replaced for one year at 4%. While about 20 scrub bulls have been replaced, with pure bred only seven can be counted according to the rule of the state contest, and none of these people have applied for the 4% loan.

[The following text is extremely faint and largely illegible due to fading and bleed-through from the reverse side of the page. It appears to be a continuation of a report or document.]

Space for agent's stamp

H O G S

1. How many head of registered boars have been secured this year due to your influence? 10
2. How many head of registered sows or gilts have been secured this year due to your influence? 10
3. How many head of pure-bred hogs have you assisted your farmers in selling this year - through individual sales? 10
4. How many head of pure-bred hogs have you assisted your farmers in selling this year - through group sales? 110
5. How many herds of pure-bred hogs have been started through your influence? \_\_\_\_\_
6. How many hog feeding demonstrations did you supervise? \_\_\_\_\_
7. How many hogs in these demonstrations? \_\_\_\_\_ ✓
8. On how many of these demonstrations were records kept? \_\_\_\_\_
9. How many farmers used self-feeders secured at your suggestion? \_\_\_\_\_
10. How many farmers have you induced to start the growing of grazing crops for hogs? \_\_\_\_\_
11. Estimate number of hogs fed or cared for according to methods which you advocated \_\_\_\_\_
12. Give number of pure-bred boars in county now 250
13. Number of communities in which hog demonstrations were conducted \_\_\_\_\_

22

Space for agent's stamp

P O U L T R Y

1. Number of poultry demonstrations

2. Number of each kind of poultry grown and cared for according to methods which you advocated

(Chickens  
(Ducks  
(Guineas  
(Turkeys  
(Geese

|    |
|----|
| 21 |
|    |
|    |
|    |
|    |
|    |
|    |
|    |
|    |
| 21 |

TOTAL

3. On how many farms has poultry management been improved as a result of your work? 500

4. How many birds on these farms? 60,000

5. How many communities have adopted a standard variety of poultry? 1

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

7. How many flocks culled through your efforts? 200

8. Number of birds in flocks culled 2,400

9. Number of birds eliminated through culling 240

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

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

12. How many winter feeding demonstrations? 5

13. Number of birds in these demonstrations? 1,125

14. Number of new poultry houses erected at your suggestion  

15. Number of poultry houses remodeled at your suggestion  

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

17. Number of communities in which poultry demonstrations were conducted 21

(over)

**POULTRY CULLING.**

Much less work was done in poultry culling this year, than has been done for the past two years, simply because there is not so much need for it. Probably no piece of demonstration work has accomplished more for Rockingham County. There are of course some ~~flocks~~ flocks of hens in Rockingham County and there are some people who will always be satisfied to feed them, but the number is growing very small. Two years ago the average farm flock contained from 25% to 30% of unprofitable birds. This fall I found many flocks that needed practically no culling and I believe it is a conservative estimate to say that we have gotten rid of about 75% of the slackers.

**SWAT THE ROOSTER CAMPAIGN**

About 2,000 roosters were gotten rid of during the "Swat the Rooster Campaign" week.

**COUNTY POULTRY ASSOCIATION.**

A Rockingham County Poultry Association was formed about two months ago, plans are being made to hold a show in Dec. and other things of value to the poultrymen of the County will likely be worked out.

**LIVE STOCK DISEASES AND PESTS**

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

|                           | Demon-<br>strations                         | * Animals<br>treated |
|---------------------------|---|----------------------|
| <u>CATTLE</u>             | {Blackleg - - - - -                         | _____                |
|                           | {Anthrax or charbon - - - - -               | _____                |
|                           | {Digestive and other troubles - - - - -     | _____                |
|                           | {Tuberculosis - - - - -                     | _____                |
|                           | {Ticks - - - - -                            | _____                |
| <u>EGGS</u>               | {Cholera (single treatment) - - - - -       | _____                |
|                           | {Cholera (simultaneous treatment) - - - - - | _____                |
|                           | {Digestive and other troubles - - - - -     | _____                |
|                           | {Worms - - - - -                            | _____                |
|                           | {Lice - - - - -                             | _____                |
| <u>SHEEP</u>              | {Stomach worms - - - - -                    | _____                |
|                           | {Digestive and other troubles - - - - -     | _____                |
|                           | {Grubs - - - - -                            | _____                |
|                           | {Scab - - - - -                             | _____                |
|                           | {Ticks - - - - -                            | _____                |
| <u>HORSES</u>             | {Spinal meningitis - - - - -                | _____                |
|                           | {Digestive ailments - - - - -               | _____                |
|                           | {Anthrax or charbon - - - - -               | _____                |
|                           | {Distemper - - - - -                        | _____                |
|                           | {Accidents - - - - -                        | _____                |
| {Other troubles - - - - - | _____                                       |                      |

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

|  | Demon-<br>strations | Animals |
|--|---------------------|---------|
| CATTLE, for Blackleg - - - - -           | _____               | _____   |
| CATTLE, for Tuberculosis - - - - -       | _____               | _____   |
| CATTLE, for Anthrax or charbon - - - - - | _____               | _____   |
| EGGS, for Cholera - - - - -              | _____               | _____   |
| HORSES, for Anthrax or charbon - - - - - | _____               | _____   |

3. Have you instruments for such demonstrations? \_\_\_\_\_
4. Report results of treatments and of campaigns for eradication or control of diseases or pests under "Remarks".

\*Include all animals treated through your influence.

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THE BUREAU OF PLANT INDUSTRY

REPORT OF THE BUREAU OF PLANT INDUSTRY FOR THE YEAR 1917

Section of Plant Industry  
Washington, D. C.

**Tuberculosis**

The only effort put forth by the County Agent to eradicate disease was with tuberculosis, and while no demonstrations were conducted the campaign was carried on by the County Agent, Veterinarians and Milk dealers, with the result that about 1,200 cows have been tested, and 63 were positive.

...

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...

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Space for agent's stamp

FERTILIZERS

1. How many farmers consulted you regarding the use of fertilizers? 50
2. How many fertilizer demonstrations are the farmers conducting with you? \_\_\_\_\_
3. Total acreage in these demonstrations \_\_\_\_\_
4. How much fertilizer used on such demonstrations? ( tons ) \_\_\_\_\_
5. How many communities have you influenced to buy fertilizers cooperatively? \_\_\_\_\_
6. Quantity bought cooperatively ( tons ) \_\_\_\_\_
7. Value of fertilizer bought cooperatively (actual price paid by cooperative purchase) \$ \_\_\_\_\_
8. Total amount saved by cooperative purchases \$ \_\_\_\_\_
9. Number of farmers home-mixing fertilizer on your advice 10
10. Estimated number of tons home-mixed 65
11. Estimated saving to farmers (per ton) \$ 2006
12. Number of communities in which fertilizer demonstrations were conducted \_\_\_\_\_

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Space for agent's stamp

MISCELLANEOUS EXTENSION WORK

1. Number of visits by agent to - - -

|  |            |
|--|------------|
| (Demonstrators - - - - -                 | _____      |
| (Cooperators - - - - -                   | _____      |
| (Other farmers - - - - -                 | <u>210</u> |
| (Business men - - - - -                  | <u>32</u>  |
| (Boys' and girls' club members - - - - - | <u>235</u> |
| TOTAL                                    | <u>477</u> |

2. Number of miles traveled - - - - -

|                       |               |
|-----------------------|---------------|
| (Railroad - - - - -   | <u>2941</u>   |
| (Team - - - - -       | _____         |
| (Automobile - - - - - | _____         |
| (Otherwise - - - - -  | <u>2471</u>   |
| TOTAL                 | <u>10,412</u> |

3. Calls on agent at office and home relative to work - Personal 1,220

4. Calls on agent at office and home relative to work - Telephones 3,000 est.

5. Number of farmers' meetings held under auspices of agent or Extension Division \_\_\_\_\_

6. How many meetings of all kinds, including field meetings, did you take part in? 133

7. Total attendance at these meetings (approximate) 6,707

8. How many field meetings held by you? 15

9. Total attendance at these meetings 248

10. Number of days spent at office work? 151

|              |                            |
|--------------|----------------------------|
| How divided? | (Correspondence <u>35%</u> |
|              | (Conference <u>40%</u>     |
|              | (Miscellaneous <u>25%</u>  |
| TOTAL        | <u>100%</u>                |

11. Number of days spent in field work? 154

|              |  |
|--------------|--|
| How divided? | (Supervising regular _____               |
|              | (Demonstrations <u>55%</u>               |
|              | (Other farm visits <u>20%</u>            |
|              | (At meetings <u>25%</u>                  |
|              | (Assisted in short course work <u>3%</u> |
|              | (Organisation and marketing <u>15%</u>   |
| TOTAL        | <u>100%</u>                              |

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Space for agent's stamp

MISCELLANEOUS EXTENSION WORK  
(Continued)

- 12. Number of official individual letters written 2495
- 13. Number of articles relating to your work prepared and published 156
- 14. Number of different circular letters prepared by you and sent out 3
- 15. Total number of copies of such letters 2723  
(Give list and copy of each, if possible)
- 16. Number of bulletins or circulars of U. S. Department of Agriculture distributed 3500
- 17. Number of bulletins or circulars from State college or State department of agriculture distributed 480
- 18. Number of visits to schools relating to work 30
- 19. In how many schools did you assist in outlining an agricultural course? 5
- 20. How many extension schools or short courses did you assist in? 1
- 21. Total attendance at these schools 41
- 22. Total number of days you were engaged in these schools 5
- 23. Number of farmers who attended short courses at colleges as a result of your effort 6
- 24. Number of club boys who entered college for first time this year 1
- 25. How many times have you been visited by specialists from college or the Department? 52
- 26. Was there a county fair held in your county? yes
- 27. How many demonstrators, cooperators and club members had exhibits? 109
- 28. How many of these won prizes? 86 cranberries won 131 prizes
- 29. How many demonstrations have you in truck or small fruit? \_\_\_\_\_
- 30. How many were successful from a financial standpoint? \_\_\_\_\_
- 31. How many farm account books distributed to farmers? \_\_\_\_\_
- 32. How many farmers in your county did you assist to keep cost production records? \_\_\_\_\_

Space for agent's stamp

MISCELLANEOUS EXTENSION WORK

(Continued)

- 34. How many farmers in your county are practicing fall plowing as a result of county agent's work? \_\_\_\_\_
- 35. How many wood lots have been improved at your suggestion? \_\_\_\_\_
- 36. How many farmers in your county have been influenced to grow sugar cane or sorghum for syrup? \_\_\_\_\_
- 37. How many farmers began keeping bees this year or improved their methods at your suggestion? \_\_\_\_\_
- 38. Number of hives involved in previous questions \_\_\_\_\_
- 39. How many farmers induced to transfer from old to improved hives? \_\_\_\_\_
- 40. Number of hives involved in these transfers \_\_\_\_\_
- 41. How many new queens introduced? \_\_\_\_\_
- 42. How many honey extractors purchased? \_\_\_\_\_
- 43. List in following table work done in connection with seed improvement.

| CROP     | Improved seed secured |         | Improved seed offered for sale |         |
|----------|-----------------------|---------|--------------------------------|---------|
|          | Farms                 | Bushels | Farms                          | Bushels |
| Corn     | :                     | :       | :                              | :       |
| Wheat    | :                     | :       | :                              | :       |
| Eye      | :                     | :       | :                              | :       |
| Cotton   | :                     | :(lbs)  | :                              | :(lbs)  |
| Oats     | :                     | :       | :                              | :       |
| Potatoes | :                     | :       | :                              | :       |
| Tobacco  | :                     | :(oz.)  | :                              | :(oz.)  |
| Other    | :                     | :       | :                              | :       |
|          | :                     | :       | :                              | :       |

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Space for agent's stamp

### SUCCESSFUL UNDERTAKINGS

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

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

#### Pure Bred Sire Campaign

The Pure Bred Sire Campaign was launched this year for the first and was put in the hands of a committee composed of eleven men and eleven boys representing all sections of the County. Four swine breeders offered pigs and ten poultry breeders offered birds as prizes for the boys who would enroll most members. To date 276 have been enrolled, which is more than has been enrolled by any other County in the United States this year, and puts Wockingham County third in the United States for total number enrolled.

#### MILK PRODUCERS ORGANIZE

Next to poultry the dairy industry has probably grown faster than any other branch of farming in Wockingham. For a number of years the farmer and dairymen gave his attention to production and thought very little about the marketing end of his business, with the result that during the year of 1921 the best dairyman made little or no profit, while the average dairyman lost heavily.

After discussing the situation with many of the farmers the County Agent requested the marketing specialist MR. G. P. Warber to come to his office for a conference with the Board of Directors of the Wockingham County Farm Bureau, here it was decided to call a meeting of all the dairymen of the County, and on Feb. 3rd. this meeting was held and it was decided to make an effort to start a cooperative milk producers organization and a committee of six progressive farmers was appointed to 97-585 take charge of this work. - 35 -

A binding contract and marketing agreement covering a period of five years was drawn up and it was agreed that unless the signatures of the owners of at least 2500 cows could be secured by March 20th., that the contract would not be binding.

The organization committee assisted by a number of volunteers all of which worked without pay, started out to secure the necessary signatures. Considerable opposition developed, many false reports were started and at time the situation looked rather discouraging, but through the determined effort of the committee guided by the Extension Division, and loyally supported by the Farm Bureau, and the local news paper they soon found themselves organized into a strong strictly cooperative organization and were granted the first charter under the new cooperative law of the State of Virginia, and are known as "The Valley Virginia Cooperative Milk Producers Association" and now have a membership of 422, which own a little more than three thousand cows.

This association is under the directio of a capable Board of Directors and has employed an efficient manager. They have purchased a \$25,000 plant and have done aproximately \$75,000 worth of business, and are already able to show their members that they have made the a profit of at least \$2,000. A few days ago I met a man who was in the beginning considered one of the bitterst enemies of the association and ask him "How's the Milk Producers Association getting along?" He replied, "Fine, fine, at least a 100% better than I ever thought they could do"

#### AMERICAS' FIRST ANNUAL MEAT POULTRY SHOW.

Americas first annual meat Poultry show, which was held in the Chesapeake Western Railway Station, November 4th and 6th., was unique in many ways, and has attracted the attention of poultrymen in all parts of America, and by the way I might just add here, that I have already received entries for next year. Birds were entered from ten states and thousands of people representing atleast seven states, ~~th~~ attended the show. Practically every Poultry Journal in America has made some comment on this show and it is generally regarded as a great success, and it is believed that it will be ~~the~~ a great asset to Rockingham County.

The twenty-two champion birds which won the \$1100 cash and a \$600 trophy have all been kept in Rockingham County, and will be used to develop the poultry industry of this section.

One of the important parts of this show was a boys and girls poultry judging contest in which the four best judges were given a free trip to Madison Square Garden Poultry Show. This contest added quite a bit to the interest of the club work and

AMERICIAS FIRST ANNUAL MEAT POULTRY SHOW(continued)  
caused a great many boys and girls to make a study of  
poultry judging.

This entire show was financed by the Chesapeake Western  
Railway, and was under the direct management of the  
Extension Division. The President of the railroad W. E. D.  
Stokes, who was responsible for ~~the~~ his railway holding  
this show got the idea of putting it on while the County  
Agent was staying at his home during a visit to New York,  
to study market conditions and requirements.

BOYS' CLUB WORK

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

Also furnish the name and address of the club member in each crop or animal demonstration who made the best record for the year, and a statement of the record to include, variety of seed planted, yield per acre, cost, net profit, value of prizes won, and for livestock the number of animals involved, original and final values of the same, net profit, and value of prizes won.

ANNUAL CLUB TRIP

April the 29th, the third annual boys and girls club trip was taken. Forty-nine autos carrying two hundred and forty-nine persons visited ten of "ockingham's leading livestock and poultry farms and one industrial plant. One interesting feature of the trip was a base ball game at the noon hour staged between the club presidents and club leaders.

LIVESTOCK JUDGING CONTEST.

The livestock judging contest continued with the usual interest this year, and our boys are quite proud of the progress they have made. In 1920 the "ockingham team won second in the state contest and one boy was taken on the state team, which won third in the National contest. In 1921 the Rookingham team won first in the State contest, and two boys were placed on the State team, which won second in the National contest. In 1922 the "ockingham team won first, and all three of the boys were placed on the State team, which we hope will win first at the National contest in December.

SHORT COURSES.

Eight girls and twelve boys attended the District short course at Bridgewater and were much pleased with the training received. Only one boy attended the state short course, but was one of the five selected from two-hundred and twenty-two to membership in the All Star Association.

COUNTY FAIR

At the County Fair onehundred and nine club members exhibited three gardens, four potatoes, seven corn, nine calves, sixty-seven pigs and three-hundred and six chickens.

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STATE FAIR

At the State Fair nineteen club members made exhibits of 7 pigs, 4 eggs, 23 poultry and won 28 prizes including two championships and 25 firsts.

PIG SHOW IN BANK

The third annual pig show, in the lobby of The National Bank brought out the best pigs ever shown in Harrisonburg. The first prize pig was the same pig that was champion of the State Fair and the second prize pig was an eight months old Poland China, which weighed 379 in breeding condition.

At this date a hundred and eighteen members have sent in reports which shows that they have raised \$3,411.76 worth of products and made a profit of \$1,809.25. This profit does not include the \$598 in prizes won or the money for the expense of the stock and poultry judging trips which amounts to more than a thousand dollars, and has been provided for by Mr. W. E. D. Stokes, Swift & Co., The State Fair Association, The First National Bank of Harrisonburg, and others.

Probably the most interesting and valuable part of the club work comes from having the boys and girls working together in their organizations. Clubs are organized in nine different parts of the county and only one club member in the county is not a member of a regularly organized club, which holds its monthly meetings. A beautiful trophy given by the Southern Planter and competed for annually has helped to keep up the spirit of friendly rivalry among the clubs. Many of the club members are apparently more interested in the success of their clubs than they are in their personal success. And the fine spirit of these boys and girls as manifested in their club work is already showing itself as a power for good in their communities.

## RECORD OF LIVESTOCK REPORTED BY BOYS' CLUBS.

| Kind of club             | Enrollment in clubs. | Total number of members completing demonstrations and reporting | Total number of animals | Total initial weight (pounds) | Total final weight (pounds) | Average cost per pound | Total cost | Total value | Total profit |
|--------------------------|----------------------|---|-------------------------|-------------------------------|-----------------------------|------------------------|------------|-------------|--------------|
| <b>PIGS</b>              |                      |   |                         |                               |                             |                        | \$         | \$          | \$           |
| Fattening demonstrations |                      |   |                         |                               |                             |                        |            |             |              |
| Growing for breeding     | 49                   | 34  | 34                      | 1567                          | 8961                        | .059                   | 53428      | 108220      | 3469.50      |
| Sow and litter           | 2                    | 2   | 16                      |                               |                             |                        |            |             | 190.79       |
| <b>SHEEP</b>             |                      |   |                         |                               |                             |                        |            |             |              |
| Demonstrations           |                      |   |                         |                               |                             |                        |            |             |              |
| <b>BEEF CATTLE</b>       |                      |   |                         |                               |                             |                        |            |             |              |
| Fattening demonstrations |                      |   |                         |                               |                             |                        |            |             |              |
| Growing for breeding     |                      |   |                         |                               |                             |                        |            |             |              |
| Cow-calf                 |                      |   |                         |                               |                             |                        |            |             |              |
| <b>DAIRY CATTLE</b>      |                      |   |                         |                               |                             |                        |            |             |              |
| Growing for breeding     | 8                    | 3   | 3                       | 6175                          | 6910                        | .039                   | 3282       | 8307        | 36.47        |
| Cow-calf                 |                      |   |                         |                               |                             |                        |            |             |              |
| <b>MISCELLANEOUS</b>     |                      |   |                         |                               |                             |                        |            |             |              |
| Demonstrations           |                      |   |                         |                               |                             |                        |            |             |              |
|                          |                      |   | Number starting         | Produced                      |                             |                        |            |             |              |
|                          |                      |   | with birds              | with eggs                     | mature birds                | Doz. eggs              |            |             |              |
| <b>POULTRY</b>           | 98                   | 75 (reports)  | 75                      | 1831                          |                             |                        | 759        | 2,013       | 1255.04      |
| Demonstrations           |                      |   |                         |                               |                             |                        |            |             | 194.69       |

Number of pure bred PIGS distributed to club boys -----  
 " " grade " " " " -----  
 " " pure bred CALVES " " " " -----  
 " " grade " " " " -----  
 " " pure bred SHEEP " " " " -----  
 " " grade " " " " -----  
 " " pure bred POULTRY " " " " -----  
 " " EGGS from pure bred poultry distributed to club boys (doz.) -----