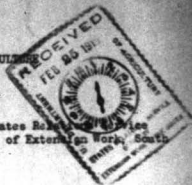


Mar 2

COOPERATIVE EXTENSION WORK IN AGRICULTURE
AND HOME ECONOMICS

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

States Bollinger, et al.
Office of Extension Work, South
12 South
1918



*A County Report
was received Mar 21, 1918
in January for including
my statement for payment*

REPORT OF WORK OF THE COUNTY AGENTS

- State of ¹⁷Virginia -
CALENDAR YEAR 1918

(Due December 31st)

State Virginia County All counties

- Report of all County Agents
combined

From January 1 to December 31, 1918

Approved:

State Agent

Date Forwarded

Director of Extension Work

Blacksburg, Virginia.

February 24, 1919.

Mr. Bradford Knapp, Chief,
Office, Extension Work, South,
United States Department of Agriculture,
Washington, D. C.

Dear Sir:-

I have the honor of submitting herewith a preliminary report of the work done by the County Agents in Virginia for the year 1918. This report includes only statistics for the white agents. I will send you the statistics for the negro agents in a few days. From the statistical report, it would appear that our agents have not conducted as many definite demonstrations along some lines as in past years, but it must be remembered that the scope of work of the County Agents during the past year was greatly widened on account of the entrance of the United States into the world war. While we recognize the fact that the County Agents are largely Agricultural Agents and are supposed to do most of their work by conducting definite demonstrations with farmers, yet we find that they have been called upon to assist in every line of war work being conducted in their counties. They responded in as large a measure as possible to all of these calls and accomplished a wonderful work in acquainting farmers of this State with true conditions in regard to the war. In the beginning, there was very little known by the farmers as to why we entered the war, what kind of enemy we were fighting and what we had to do in order to win. There was also a large amount of German propoganda being carried on throughout the country districts. The County Agents early informed themselves of true conditions and at every meeting did their utmost to pass this information on to the farmers. During the year of 1918, in addition to being an Agricultural Agent, the County Agent was the connecting link between the United States Government and the farmer in all lines of work. Our agents helped tremendously in Red Cross, Thrift Stamp, Liberty Loan, and Y. M. C. A. Campaigns.

It was a very difficult task throughout the whole year to keep our agents from giving up county agent work and going into the armed service of the country. During the year, we lost twenty men from our county agent force. The majority of these men entered the United States Army. The confusion caused by the change of men in the middle of the season detracted somewhat from the efficiency of the work.

Despite the above interruptions and drawbacks, our County Agents enrolled 11,964 farmers as demonstrators and cooperations. Of this number, approximately 3,000 agreed to conduct definite demonstrations and make reports on same. These demonstrations are with farm crops, all forms of livestock,

horticulture, and home improvements. During the last months of the year, the serious epidemic of influenza throughout the State prevented our agents from getting as many reports as they would have under ordinary circumstances.

When Farm Demonstration Work started in Virginia, the County Agents were instructed to work largely with individuals, the idea being that if one man in a community would grow a crop successfully, the other farmers in the community would see it and follow his example. But, the work has grown and expanded so rapidly in the last few years and the County Agent is being called on to do so many things that he is finding it necessary to have some local organization in the County to back up his work and help him put through to successful completion the many operations which he undertakes. Practically every County Agent in Virginia now has some organizations to help him in his work. At present, we are trying to pick out from these organizations a number of strong men who, with the Boards of Supervisors, will make up an effective Advisory Board. I am glad to say that a number of our agents have already formed these boards and are finding them of considerable help in carrying out their work.

During the past twelve months, several campaigns for increased food production and conservation have been put on through the County Agents, beginning in the Fall of 1917 with a campaign for increased wheat production. The United States Department of Agriculture asked Virginia to increase its wheat acreage 10%. All of our agents put forth their best efforts to bring about this increase and in spite of the fact that last fall was a very poor season for getting the wheat seeded as the fact that labor was scarcer last fall than ever before in the history of the country, the State of Virginia increased the acreage planted to wheat more than 10%. In total number of acres increased, Virginia stands near the head of the States in this section of the Union. In the Eastern part of Virginia, where not much wheat is usually raised, there was considerable injury done to the wheat crop from a number of diseases such as smut, scab, anthracnose, joint worm, etc. These diseases cut down the yield of wheat in that section but in Western Virginia and the Valley, the seasons were good and the wheat crop above the average. Last fall, we put on another campaign for increased wheat production but our agents lent their efforts mainly to increasing the number of bushels rather than the number of acres of wheat. We found, during the campaign of 1917, that a large number of farmers in this State planted wheat on land which should have been planted to something else, therefore in the wheat campaign conducted last Fall; we put special emphasis on clean seed, thorough preparation of the soil, seeding at the proper time, proper fertilizer treatment, etc., as we believed that as such increase would be brought about by paying attention to those things as by a large increase in acreage planted. In addition to the campaign for increased production, our agents used their best efforts to prevent waste in harvesting and threshing the grain. They cooperated with the Food Administration in getting information to threshermen and reports from the same.

One of the most helpful campaigns put on through the County Agents during the past year was a campaign for the testing of seed corn. In the average seasons, the farmers of Virginia do not have much trouble with bad

seed corn but in the fall of 1917 we had an early frost and the winter following was one of the most severe on record. These combined conditions caused the seed corn situation to be very serious and the most serious part of the situation was that the farmers, on account of not usually having trouble with seed corn, did not believe that their seed corn was injured. As a matter of fact, the results of hundreds of tests by County Agents in the Western and Northern parts of the State showed that a large part of the seed corn tested around 50% germination. In some counties it ran as low as 5% and in some as high as 80%. In no county in the State was there good seed corn throughout the entire county. In order to bring the seriousness of the situation to the attention of the farmers, the Extension Division put out a special bulletin on seed corn testing and kept the daily and weekly papers filled with information in regard to the same. In the counties where the situation was worst, the agents did everything in their power through newspapers, schools, and other sources to get the farmers to test their seed. As a direct result of this work 4,343 farmers in Virginia tested part of their seed corn and 2,678 tested all of their seed corn. In some sections, the situation was so bad that it was impractical to try to secure seed for planting by testing that in the hands of the farmers. In these cases, the County Agents located good seed corn for the farmers and brought it in from other counties. Our records show that the County Agents located about 20,000 bus. of seed corn for such farmers. This is indeed a wonderful showing as practically no seed was tested in Virginia prior to this year. The results of this work have been so immediate and so apparent that I think we can safely say it has done more to strengthen demonstration work in the State of Virginia during the last year than any other one thing. In some cases, members of the Boards of Supervisors said that the work being done by the agent along this line has been worth more than his entire salary for ten years. The president of the Council of Defense in one county stated that the agent's work along these lines had saved the county at least \$100,000.00. The Chairman of one Board of Supervisors stated that he had two sons in France and that the Agent's work along the above mentioned lines had been of more value to the country than the combined efforts of his two sons serving in the trenches. I mention the above statements in order to show the great importance of the work done by our agents in the seed corn campaign.

Another campaign, which I am sorry to say was not so successful, was the campaign for the use of so called Government Nitrate of Soda. But, I am glad to say that it was through no fault of the agents that this campaign was not entirely successful. Early last Spring, the Division of Markets informed us that it had a large amount of Nitrate of Soda which it was able to sell to the farmers desiring the same at reduced rates. They asked us to put on a campaign giving the farmers this information and arranging a system for selling and handling the Nitrate. We did this and our agents sold 3,908 tons of Government Nitrate in this State. A large part of it was used in Eastern Virginia on truck crops but a considerable quantity was purchased by farmers for use on small grains and orchards.

Our agents put on special campaigns throughout the year to bring about increased production of livestock and livestock products. Especial emphasis was laid on the increased production of pork products. Due to the agents' influence 393 pure bred boars and 789 pure bred sows were brought into the counties. In addition to this, several thousand head of pure bred and grade sows were saved from slaughter and bred due to the Agents' influence. During

the year most of the agents in the sheep growing sections of the State put on campaigns for saving the ewe lambs from slaughter. There are a large number of ewe lambs sent out from southwest Virginia and the Valley every year and as sheep were scarce in this State, we thought a campaign along this line would be very helpful in increasing wool and mutton production. At least 15 of our agents reported good work along this line.

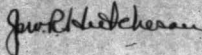
In addition to the regular adult demonstrators mentioned in this report, the County Agents enrolled for the year 1918 - 5,441 regular club members, distributed as follows: corn club 3,284; potato club 97; soy bean club 36; peanut club 151; cotton club 28; garden club 439; pig club 937; baby beef club 115; calf club 23; poultry club 330 and tobacco club 1. This is the largest number of regular club members ever enrolled in the history of demonstration work in Virginia. These regular club members agreed to make definite reports on their club projects.

On account of the emergency brought on by the war, the United States Department of Agriculture requested that the County Agents enroll as emergency club members, every boy and girl who would agree to grow anything that would help out in food production. The men and women agents of the State enrolled 24,326 of these emergency club members. Most of these are growing crops in gardens and plots less than an acre in size and the sum total of food production will be considerably increased by their efforts.

The above are a few of the many special activities of the County Agents during the past year. A more complete account of these activities will be given when our final report covering all the work is sent in.

Trusting that this report will be received in time to serve your purpose, I am

Yours very truly,



Assistant Director.

JRH:IPS.

Virginia

OK Summary

No	Acc	On	Acct
894			15,647
8532			50,992
6426			<u>66,039</u>

Sum

968	661	14,531
2072		18,489
3260		<u>33,020</u>
87	out	2,081
306		2,300
104	hyc	1,360
302		2,073
75		69
102		<u>850</u>
4176		<u>41,733</u>

H/acc

843		6374
285	4H	1240
77	CC	565
166		1,566
31		198
5		26
15		44
4		5
56	RC	54
88		2,575
19		5
21	with	100
453		5,553
538	2nd	5,100
2601		<u>23,405</u>

377		2,155
849	SP	2,760
212		2,204
522	SD	1,769
		<u>9,888</u>

1972

Space for Agent's stamp

C O R N

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

Ja 1917

- | | | |
|---|------------|----------------|
| 1. Number of demonstrators | | <u>894</u> |
| 2. Number of demonstrators reporting | | <u>544</u> |
| 3. Total acreage of corn grown under improved methods on demonstration farms | | <u>18,047</u> |
| 4. Average yield per acre on demonstrations | (bushels) | <u>50</u> |
| 5. Estimated average yield for entire county | (bushels) | <u>29</u> |
| 6. Increased yield on demonstrations over ordinary methods | (bushels) | <u>21</u> |
| 7. Number of cooperators <u>5532</u> ; Acreage <u>10,992</u> ; Yield per acre (bu) | | <u>40</u> |
| 8. Number who planted pure or selected seed on their demonstrations | | <u>1,579</u> |
| 9. Number of farms you have influenced to select seed for next year's crop <u>6,729</u> ; Estimated amount of seed selected | (bushels) | <u>171,355</u> |
| 10. Number who fall plowed their demonstration acres | | <u>280</u> |
| 11. Number who turned under cover crops on their demonstration acres | | <u>1,220</u> |
| 12. Number of acres harvested for silage <u>1,269</u> ; Yield per acre (tons) | | <u>11</u> |
| 13. Number of acres "hogged down" <u>1,870</u> ; Value per acre when utilized this way | | <u>\$60.65</u> |
| 14. Number of acres treated for diseases or insect pests | | <u>51</u> |
| 15. How many farmers have you directly influenced to use better methods in growing corn this year? | | <u>6,120</u> |
| How many indirectly influenced? | | <u>15,845</u> |
| 16. What per cent of all farmers in your territory are following demonstration methods in corn growing? | (estimate) | <u>139%</u> |
| 17. How many farmers does this represent approximately? | | <u>18,110</u> |

(Use reverse side for remarks on this crop.)

Space for Agent's stamp

C O T T O N ✓

Jan. 1918

- | | |
|---|--------------|
| 1. Number of demonstrators | <u>30</u> |
| 2. Number of demonstrators reporting | <u>20</u> |
| 3. Total acreage grown under improved methods on demonstration farms | <u>91</u> |
| 4. Average yield per acre on demonstrations (pounds seed cotton) | <u>1,000</u> |
| 5. Estimated average yield per acre for entire county (lbs seed cotton) | <u>666</u> |
| 6. Increased yield per acre on demonstrations over ordinary methods | <u>333</u> |
| 7. Number of co-operators <u>16</u> ; Acreage _____; Yield per acre in pounds seed cotton _____ | |
| 8. Number of demonstrators who planted pure or selected seed | <u>9</u> |
| 9. Number of farmers you have induced to field select seed for next year's crop | <u>5</u> |
| 10. How many fall plowed their demonstration acres? | <u>6</u> |
| 11. How many turned under cover crops on their demonstration acres? | <u>4</u> |
| 12. Number of acres treated for diseases or insect pests | _____ |
| 13. How many farmers have you directly influenced to use better methods in cotton growing this year? | <u>101</u> |
| How many indirectly influenced? | <u>616</u> |
| 14. What per cent of all farmers in your territory are following demonstration methods in cotton growing (estimate) | <u>18.8</u> |
| 15. How many farmers does this represent approximately? | _____ |
| 16. Have you been able to get the farmers in any community to grow but one variety of cotton? | _____ |

Give particulars

Space for Agent's stamp

T O B A C C O

Va 1918

- | | | |
|---|----------|-------------|
| 1. Number of demonstrators | | <u>39</u> |
| 2. Number of demonstrators reporting | | <u>10</u> |
| 3. Total acreage in demonstrations | | <u>201</u> |
| 4. Average yield per acre | (pounds) | <u>6500</u> |
| 5. Estimated average yield per acre for entire county | (pounds) | <u>750</u> |
| 6. Increased yield per acre of demonstrations over ordinary methods (lbs) | | <u>550</u> |
| 7. How many farmers have you induced to plant pure or selected seed? | | <u>86</u> |
| 8. How many farmers have you induced to field select seed for next year's crop | | <u>10</u> |
| 9. How many fall plowed their demonstration acres? | | <u>1</u> |
| 10. How many turned under cover crops on their demonstration acres? | | <u>77</u> |
| 11. How many tobacco farmers did you influence to adopt a rotation system? | | <u>690</u> |
| 12. State the number of acres treated for insect pests | | <u>650</u> |
| 13. How many farmers have you directly influenced to use better methods in growing tobacco this year? | | <u>207</u> |
| How many indirectly influenced? | | <u>925</u> |

Space for agent's stamp

SMALL GRAINS

(Oats, Wheat, Rye, Barley, Buckwheat)

Va 1918

Wheat

Demonstration

Enter here name of crop - separate sheet for each.

- | | | |
|---|--|-----------|
| 1. Number of demonstrators | | 968 |
| 2. Number of demonstrators reporting | | 218 |
| 3. Total acreage in this crop grown under improved ^{demonstration farms} methods on demon- | | 14,531.05 |
| 4. Average yield per acre on demonstration farms (bushels) | | 19 |
| 5. Estimated average yield per acre for entire county (bushels) | | 12 |
| 6. Increased yield per acre on demonstrations over ordinary methods (bu.) | | 7 |
| 7. Number of cooperators 7,292. Acreage 16,589. Yield per acre (bu.) | | 14.5 |
| 8. Number of demonstration acres threshed for grain | | 7,170 |
| 9. Number of demonstration acres cut for hay | | |
| 10. Average yield of cured hay per acre on demonstrations (tons) | | |
| 11. Increase per acre of cured hay on demonstrations over ordinary methods (tons) | | |
| 12. Number of acres grazed off 591. Estimated value per acre \$ | | |
| 13. Number of acres turned under for soil improvement | | |
| 14. How many acres were treated for insect pests?* | | |
| 15. How many bushels of seed were treated for smut, rust, etc.? | | 46,127 |
| 16. How many farmers have you induced to plant this crop for the first time? | | 578 |
| 17. How many farmers have you directly influenced to use better methods in growing this crop this year? | | 5,290 |
| How many indirectly influenced? | | 4,965 |

*NOTE: Under remarks state the nature and results of treatment of disease from insect pests; use other side of sheet for this.

Space for agent's stamp

SMALL GRAINS

(Oats, Wheat, Rye, Barley, Buckwheat)

Va 1918

Oats

Demonstration

Enter here name of crop - separate sheet for each.

- | | | |
|---|----|-----------------|
| 1. Number of demonstrators | | <u>87</u> |
| 2. Number of demonstrators reporting | | <u>48</u> |
| 3. Total acreage in this crop grown under improved methods on demonstration farms | | <u>2,081.05</u> |
| 4. Average yield per acre on demonstration farms (bushels) | | <u>36</u> |
| 5. Estimated average yield per acre for entire county (bushels) | | <u>22</u> |
| 6. Increased yield per acre on demonstrations over ordinary methods (bu.) | | <u>13</u> |
| 7. Number of cooperators <u>306</u> ; Acreage <u>21,700</u> ; Yield per acre (bu.) | | <u>29.1</u> |
| 8. Number of demonstration acres thrashed for grain | | <u>1,896</u> |
| 9. Number of demonstration acres cut for hay | | <u>577</u> |
| 10. Average yield of cured hay per acre on demonstrations (tons) | | <u>6 3/4</u> |
| 11. Increase per acre of cured hay on demonstrations over ordinary methods (tons) | | <u>2</u> |
| 12. Number of acres grazed off <u>45</u> ; Estimated value per acre | \$ | <u> </u> |
| 13. Number of acres turned under for soil improvement | | <u>195</u> |
| 14. How many acres were treated for insect pests?* | | <u> </u> |
| 15. How many bushels of seed were treated for smut, rust, etc.? | | <u>1,085</u> |
| 16. How many farmers have you induced to plant this crop for the first time? | | <u>33</u> |
| 17. How many farmers have you directly influenced to use better methods in growing this crop this year? | | <u>429</u> |
| How many indirectly influenced? | | <u>685</u> |

*NOTE: Under remarks state the nature and results of treatment of disease from insect pests; use other side of sheet for this.

Space for agent's stamp

SMALL GRAINS

(Oats, Wheat, Rye, Barley, Buckwheat)

Va 1918

Rye ✓

Demonstration

Enter here name of crop - separate sheet for each.

- | | |
|---|----------------|
| 1. Number of demonstrators | <u>104</u> |
| 2. Number of demonstrators reporting | <u>70</u> |
| 3. Total acreage in this crop grown under improved ^{demonstration farms} methods on demon- | <u>1,660</u> |
| 4. Average yield per acre on demonstration farms (bushels) | <u>17</u> |
| 5. Estimated average yield per acre for entire county (bushels) | <u>12</u> |
| 6. Increased yield per acre on demonstrations over ordinary methods (bu.) | <u>5</u> |
| 7. Number of cooperators <u>302</u> ; Acreage <u>2,878</u> ; Yield per acre (bu.) | <u>11.5</u> |
| 8. Number of demonstration acres threshed for grain | <u>469</u> |
| 9. Number of demonstration acres cut for hay | <u>79</u> |
| 10. Average yield of cured hay per acre on demonstrations (tons) | <u>1.5</u> |
| 11. Increase per acre of cured hay on demonstrations over ordinary methods (tons) | <u>3/4</u> |
| 12. Number of acres grazed off <u>735</u> ; Estimated value per acre | <u>\$10.00</u> |
| 13. Number of acres turned under for soil improvement | <u>1,201</u> |
| 14. How many acres were treated for insect pests?* | _____ |
| 15. How many bushels of seed were treated for smut, rust, etc.? | _____ |
| 16. How many farmers have you induced to plant this crop for the ^{first} time? | <u>259</u> |
| 17. How many farmers have you directly influenced to use better methods in growing this crop this year? | <u>1,806</u> |
| How many indirectly influenced? | <u>265</u> |

*NOTE: Under remarks state the nature and results of treatment of disease from insect pests; use other side of sheet for this.

Space for agent's stamp

SMALL GRAINS

(Oats, Wheat, Rye, Barley, Buckwheat)

Va 1917

Buckwheat

Demonstration

Enter here name of crop - separate sheet for each.

- | | | |
|---|--|---------|
| 1. Number of demonstrators | | 10 |
| 2. Number of demonstrators reporting | | 5 |
| 3. Total acreage in this crop grown under improved methods on <u>demonstration farms</u> | | 69 |
| 4. Average yield per acre on demonstration farms (bushels) | | 20 3/4 |
| 5. Estimated average yield per acre for entire county (bushels) | | 15 |
| 6. Increased yield per acre on demonstrations over ordinary methods (bu.) | | \$34 |
| 7. Number of cooperators <u>102</u> ; Acreage <u>690</u> ; Yield per acre (bu.) | | 18 1/2 |
| 8. Number of demonstration acres threshed for grain | | 82 |
| 9. Number of demonstration acres cut for hay | | |
| 10. Average yield of cured hay per acre on demonstrations (tons) | | |
| 11. Increase per acre of cured hay on demonstrations over ordinary methods (tons) | | |
| 12. Number of acres grazed off <u>20</u> ; Estimated value per acre | | \$35.00 |
| 13. Number of acres turned under for soil improvement | | |
| 14. How many acres were treated for insect pests?* | | |
| 15. How many bushels of seed were treated for smut, rust, etc.? | | |
| 16. How many farmers have you induced to plant this crop for the first time? | | 61 |
| 17. How many farmers have you directly influenced to use better methods in growing this crop this year? | | 75 |
| How many indirectly influenced? | | 16 1/2 |

*NOTE: Under remarks state the nature and results of treatment of disease from insect pests; use other side of sheet for this.

Space for agent's stamp

HAY, FORAGE OR COVER CROPS

Va 1918

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

Red and Sap. Clover Demonstration.
Enter here the name of crop - separate sheet for each.

- | | | |
|---|------------------|---------------|
| 1. Number of demonstrators | | <u>71</u> |
| 2. Number of demonstrators reporting | | <u>68</u> |
| 3. Total acreage in this crop grown under improved methods on/ | demonstrations | <u>87</u> |
| 4. Average yield per acre on demonstrations (tons of cured hay) | | <u>2</u> |
| 5. Estimated average yield per acre for entire county (tons cured hay) | | <u>1</u> |
| 6. Number of acres cut for hay | | <u>100</u> |
| 7. Increased yield per acre of demonstrations over ordinary methods/ | (tons cured hay) | <u>1</u> |
| 8. Number of acres grazed off | | <u>100</u> |
| 9. Estimated value per acre of grazing | | <u>\$2.50</u> |
| 10. Number of cooperators <u>100</u> ; Acreage <u>4,000</u> ; Yield per acre/ | (tons cured hay) | <u>1.70</u> |
| 11. How many acres of legumes in this class of crops were inoculated? | Department? | _____ |
| 12. How many farmers ordered inoculating material through you from this/ | Purpose? | _____ |
| 13. How many demonstration acres were turned under for soil improvement/ | advice | _____ |
| 14. Estimate total number of acres in county turned under by agent's/ | | _____ |
| 15. How many acres were sown this fall? | | <u>600</u> |
| 16. How many farmers have you directly influenced to use better methods in growing this crop this year? | | <u>100</u> |
| How many indirectly influenced? | | <u>600</u> |

(Use reverse side for remarks on this crop)

Space for agent's stamp

HAY, FORAGE OR COVER CROPS

Va 1918

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

Alfalfa

Demonstration.

Enter here the name of crop - separate sheet for each.

- | | | |
|---|------------|---------|
| 1. Number of demonstrators | | 848 |
| 2. Number of demonstrators reporting | | 229 |
| 3. Total acreage in this crop grown under improved methods ^{demonstrations} only | | 6,374.0 |
| 4. Average yield per acre on demonstrations (tons of cured hay) | | 0.5 |
| 5. Estimated average yield per acre for entire county (tons cured hay) | | 2.3 |
| 6. Number of acres cut for hay | | 5,678.0 |
| 7. Increased yield per acre of demonstrations over ordinary methods ^(tons cured hay) | | 1.2 |
| 8. Number of acres grazed off | | 164 |
| 9. Estimated value per acre of grazing ^(tons cured hay) | | \$29.00 |
| 10. Number of cooperators <u>285</u> ; Acreage <u>1,240</u> ; Yield per acre/ | | 0.6 |
| 11. How many acres of legumes in this class of crops were inoculated? | Department | 2,275 + |
| 12. How many farmers ordered inoculating material through you from this ^{purpose?} | | 562 |
| 13. How many demonstration acres were turned under for soil improvement ^{advice?} | | |
| 14. Estimate total number of acres in county turned under by agents/ | | 759 |
| 15. How many acres were sown this fall? | | 2,720 |
| 16. How many farmers have you directly influenced to use better methods in growing this crop this year? | | 1,024 |
| How many indirectly influenced? | | 4,978 |

(Use reverse side for remarks on this crop)

Space for agent's stamp

MAY, FORAGE OR COVER CROPS

Va 1918

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

Mixed Grasses

Demonstration.

Enter here the name of crop - separate sheet for each.

- | | | |
|---|------------------|----------------|
| 1. Number of demonstrators | | <u>1266</u> |
| 2. Number of demonstrators reporting | | <u>67</u> |
| 3. Total acreage in this crop grown under improved methods on/ | demonstrations | <u>5,006.5</u> |
| 4. Average yield per acre on demonstrations (tons of cured hay) | | <u>2.25</u> |
| 5. Estimated average yield per acre for entire county (tons cured hay) | | <u>1</u> |
| 6. Number of acres cut for hay | | <u>5,744</u> |
| 7. Increased yield per acre of demonstrations over ordinary methods/ | (tons cured hay) | <u>1.21</u> |
| 8. Number of acres grazed off | | <u>2,810</u> |
| 9. Estimated value per acre of grazing | | <u>\$20.00</u> |
| 10. Number of co-operators <u>158</u> ; Acreage <u>4,100</u> ; Yield per acre/ | (tons cured hay) | <u>1.5</u> |
| 11. How many acres of legumes in this class of crops were inoculated? | | <u>78</u> |
| 12. How many farmers ordered inoculating material through you from this/ | Department? | <u>12</u> |
| 13. How many demonstration acres were turned under for soil improvement/ | purpose? | <u>2,125</u> |
| 14. Estimate total number of acres in county turned under by agent's/ | advice | <u>166</u> |
| 15. How many acres were sown this fall? | | <u>5,603</u> |
| 16. How many farmers have you directly influenced to use better methods in growing this crop this year? | | <u>628</u> |
| How many indirectly influenced? | | <u>770</u> |

(Use reverse side for remarks on this crop)

Space for agent's stamp

HAY, FORAGE OR COVER CROPS

Va 1918

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

Crimson Clover

Demonstration

Enter here the name of crop - separate sheet for each.

- | | | |
|---|-------------|---------|
| 1. Number of demonstrators | | 77 |
| 2. Number of demonstrators reporting | | 69 |
| 3. Total acreage in this crop grown under improved methods ^{demonstrations} and | | 565.5 |
| 4. Average yield per acre on demonstrations (tons of cured hay) | | 1.5 |
| 5. Estimated average yield per acre for entire county (tons cured hay) | | 1 |
| 6. Number of acres cut for hay | | 410.5 |
| 7. Increased yield per acre of demonstrations over ordinary methods ^(tons cured hay) | | .5 |
| 8. Number of acres grazed off | | 1,108 |
| 9. Estimated value per acre of grazing ^(tons cured hay) | | \$10.69 |
| 10. Number of cooperators <u>166</u> ; Acreage <u>1,566</u> ; Yield per acre/ | | 1.20 |
| 11. How many acres of legumes in this class of crops were inoculated? | | 282 |
| 12. How many farmers ordered inoculating material through you from this? | Department/ | 41 |
| 13. How many demonstration acres were turned under for soil improvement? | Extension/ | 424 |
| 14. Estimate total number of acres in county turned under by agent's | advice | 4405 |
| 15. How many acres were sown this fall? | | 4,221 |
| 16. How many farmers have you directly influenced to use better methods in growing this crop this year? | | 675 |
| How many indirectly influenced? | | 1262 |

(Use reverse side for remarks on this crop)

Space for agent's stamp

HAY, FORAGE OR COVER CROPS

Va 1918

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

Alsike and Sap. Clover Demonstration.
 Enter here the name of crop - separate sheet for each.

1. Number of demonstrators 16
2. Number of demonstrators reporting 7
3. Total acreage in this crop grown under improved methods on 510 demonstrations
4. Average yield per acre on demonstrations (tons of cured hay) 2.75
5. Estimated average yield per acre for entire county (tons cured hay) 1.86
6. Number of acres cut for hay 410
7. Increased yield per acre of demonstrations over ordinary methods/ 1.5 (tons cured hay)
8. Number of acres grazed off 100
9. Estimated value per acre of grazing \$20.00 (tons cured hay)
10. Number of cooperators _____; Acreage _____; Yield per acre/ _____
11. How many acres of legumes in this class of crops were inoculated? 140
12. How many farmers ordered inoculating material through you from this/ 4 Department/
 purpose?
13. How many demonstration acres were turned under for soil improvement/
 advice/ _____
14. Estimate total number of acres in county turned under by agent's/ 100
0
15. How many acres were sown this fall? 220
16. How many farmers have you directly influenced to use better methods
 in growing this crop this year? 30
0
- How many indirectly influenced? 40
0

(Use reverse side for remarks on this crop.)

HAY, FORAGE OR COVER CROPS

Va 1918

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

Sweet Clover

Demonstration.

Enter here the name of crop - separate sheet for each.

- | | | |
|---|------------------|---------------------------|
| 1. Number of demonstrators | | <u>81</u> |
| 2. Number of demonstrators reporting | | <u>12</u> |
| 3. Total acreage in this crop grown under improved methods and | demonstrations | <u>198</u> |
| 4. Average yield per acre on demonstrations (tons of cured hay) | | <u>12</u> |
| 5. Estimated average yield per acre for entire county (tons cured hay) | | <u>13</u> |
| 6. Number of acres cut for hay | | <u>172</u> |
| 7. Increased yield per acre of demonstrations over ordinary methods | (tons cured hay) | <u>66</u> |
| 8. Number of acres grazed off | | <u>100</u> |
| 9. Estimated value per acre of grazing | | <u>\$ 14⁷⁵</u> |
| 10. Number of co-operators <u>5</u> ; Acreage <u>26</u> ; Yield per acre/ | (tons cured hay) | |
| 11. How many acres of legumes in this class of crops were inoculated? | <u>218</u> | |
| 12. How many farmers ordered inoculating material through you from this/ | Department/ | <u>20</u> |
| 13. How many demonstration acres were turned under for soil improvement/ | purpose/ | <u>57</u> |
| 14. Estimate total number of acres in county turned under by agent's/ | advice | <u>57</u> |
| 15. How many acres were sown this fall? | | <u>1308</u> |
| 16. How many farmers have you directly influenced to use better methods in growing this crop this year? | | <u>21</u> |
| How many indirectly influenced? | | <u>609</u>
<u>0</u> |

(Use reverse side for remarks on this crop)

Space for agent's stamp

HAY, FORAGE OR COVER CROPS

Va 1918

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

Sorghum Demonstration.
Enter here the name of crop - separate sheet for each.

- 1. Number of demonstrators 15
- 2. Number of demonstrators reporting _____
- 3. Total acreage in this crop grown under improved methods on demonstrations 44
- 4. Average yield per acre on demonstrations (~~tons of cured hay~~) 500 gal.
- 5. Estimated average yield per acre for entire county (~~tons cured hay~~) _____
- 6. Number of acres cut for hay _____
- 7. Increased yield per acre of demonstrations over ordinary methods (~~tons cured hay~~) _____
- 8. Number of acres grazed off _____
- 9. Estimated value per acre of grazing \$ _____
- 10. Number of co-operators 4; Acreage 5; Yield per acre 250 gal.
- 11. How many acres of legumes in this class of crops were inoculated? _____
- 12. How many farmers ordered inoculating material through you from this Department _____
- 13. How many demonstration acres were turned under for soil improvement Purposes? _____
- 14. Estimate total number of acres in county turned under by agent's advice _____
- 15. How many acres were sown this fall? _____
- 16. How many farmers have you directly influenced to use better methods in growing this crop this year? _____
- How many indirectly influenced? _____

(Use reverse side for remarks on this crop)

HAY, FORAGE OR COVER CROPS

Ja 1918

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

Red Clover Demonstration.
Enter here the name of crop - separate sheet for each.

- 1. Number of demonstrators 576
- 2. Number of demonstrators reporting 8
- 3. Total acreage in this crop grown under improved methods on demonstrations 54
- 4. Average yield per acre on demonstrations (tons of cured hay) 12.3
- 5. Estimated average yield per acre for entire county (tons cured hay) 1
- 6. Number of acres cut for hay 264
- 7. Increased yield per acre of demonstrations over ordinary methods (tons cured hay) 1.3
- 8. Number of acres grazed off 232
- 9. Estimated value per acre of grazing \$ 8.00
- 10. Number of cooperators 88; Acreage 2,175; Field per acre (tons cured hay) 1 1/2
- 11. How many acres of legumes in this class of crops were inoculated? 10
- 12. How many farmers ordered inoculating material through you from this Department 10
- 13. How many demonstration acres were turned under for soil improvement? purpose?
- 14. Estimate total number of acres in county turned under by agents' advice 386
- 15. How many acres were sown this fall? 4,990
- 16. How many farmers have you directly influenced to use better methods in growing this crop this year? 72
- How many indirectly influenced? 135

(Use reverse side for remarks on this crop)

Space for agent's stamp

HAY, FORAGE OR COVER CROPS

Jan 1918

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

Hairy Vetch Demonstration.
Enter here the name of crop - separate sheet for each.

- | | | |
|---|--|----------------|
| 1. Number of demonstrators | | <u>19</u> |
| 2. Number of demonstrators reporting | | <u>2</u> |
| 3. Total acreage in this crop grown under improved methods ^{demonstrations} on | | <u>5</u> |
| 4. Average yield per acre on demonstrations (tons of cured hay) | | <u>1</u> |
| 5. Estimated average yield per acre for entire county (tons cured hay) | | <u>5</u> |
| 6. Number of acres cut for hay | | <u>5</u> |
| 7. Increased yield per acre of demonstrations over ordinary methods ^(tons cured hay) | | <u>4</u> |
| 8. Number of acres grazed off | | <u> </u> |
| 9. Estimated value per acre of grazing ^(tons cured hay) | | <u>\$20.00</u> |
| 10. Number of co-operators <u>2</u> ; Acreage <u>100</u> ; Yield per acre <u>2</u> | | <u>2</u> |
| 11. How many acres of legumes in this class of crops were inoculated? | | <u>90</u> |
| 12. How many farmers ordered inoculating material through you from this ^{Department?} | | <u>13</u> |
| 13. How many demonstration acres were turned under for soil improvement ^{purpose?} | | <u>11</u> |
| 14. Estimate total number of acres in county turned under by agent's ^{advice} | | <u>11</u> |
| 15. How many acres were sown this fall? | | <u>212</u> |
| 16. How many farmers have you directly influenced to use better methods in growing this crop this year? | | <u>25</u> |
| How many indirectly influenced? | | <u> </u> |

(Use reverse side for remarks on this crop)

Virginia 1918

2nd Regt 1st Div - Long & Com Camp

Acct #	Acct Name	Acct No.	Acct Bal.
71	366	16	453
33	67	7	107
37	5006	510	5553
2	274	275	
1	1	125	
35	5744	410	6189
1	174	1.5	
150	2810	100	2966
\$ 250	\$ 700	700	
100	438		538
1000	4100		5100
125	125		
	48	140	188
	12	4	12
2	2,125		2125
	166	769	166
300	5633	220	6153
100	628	(20%)	8
300	470	(40%)	770

Space for agent's stamp

SUMMER LEGUMES

(Cowpeas, Soy Beans, Velvet Beans, Peanuts, &c.)

La 1918

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

- 1. Number of demonstrators 1377
- 2. Number of demonstrators reporting 81
- 3. Total acreage of this crop grown under improved methods on demonstration farms 9,103
- 4. Average yield per acre on demonstrations - bushels of seed
tons cured hay 15
1.25
- 5. Estimated average yield per acre for entire county - bu. of seed
tons c. hay 10.5
1.2
- 6. Increased yield per acre on demonstrations over ordinary methods
bushels of seed
tons cured hay 4.32
.6
- 7. Number of cooperators 849; Yield per acre bu. of seed
acreage 2,760; Tons cured hay 18.9
2.1
- 8. Total acreage of demonstrators and cooperators threshed for seed 1,353
- 9. Total acreage of demonstrators and cooperators cut for hay 3,634
- 10. Number of acres grazed off 540; Estimated value per acre of
grazing \$26.50
- 11. Total number of acres turned under for soil improvement 2,267
- 12. Total number of acres inoculated, 756; by Department cultures
by inoculated soil 1,224
1.22
- 13. Give estimate of the number of acres in your territory which were
planted this year to this crop due to your influence. 9,967
- 14. How many farmers have you directly influenced to use better
methods in growing this crop this year? 481
How many indirectly influenced? 1,857

(Use reverse side for remarks on this crop)

Space for agent's stamp

SUMMER LEGUMES

(Cowpeas, Soy Beans, Velvet Beans, Peanuts, &c.)

Va 1918

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

- | | | |
|--|--|---------------------------|
| 1. Number of demonstrators | | <u>212</u> |
| 2. Number of demonstrators reporting | | <u>185</u> |
| 3. Total acreage of this crop grown under improved methods on demonstration farms | | <u>2,204.0</u> |
| 4. Average yield per acre on demonstrations - bushels of seed
tons cured hay | | <u>16</u>
<u>4.75</u> |
| 5. Estimated average yield per acre for entire county - bu. of seed
tons c. hay | | <u>11.5</u>
<u>1.2</u> |
| 6. Increased yield per acre on demonstrations over ordinary methods
bushels of seed
tons cured hay | | <u>4.5</u>
<u>5</u> |
| 7. Number of cooperators <u>514</u> ; Yield per acre bu. of seed
acreage <u>1,749</u> ; Tons cured hay | | <u>18.7</u>
<u>4.0</u> |
| 8. Total acreage of demonstrators and cooperators threshed for seed | | <u>770</u> |
| 9. Total acreage of demonstrators and cooperators cut for hay | | <u>2,266</u> |
| 10. Number of acres grazed off <u>2,071</u> ; Estimated value per acre of
grazing | | <u>\$ 62.00</u> |
| 11. Total number of acres turned under for soil improvement | | <u>2,661</u> |
| 12. Total number of acres inoculated <u>557</u> ; by Department cultures
by inoculated soil | | <u>429</u>
<u>128</u> |
| 13. Give estimate of the number of acres in your territory which were
planted this year to this crop due to your influence. | | <u>5,457</u> |
| 14. How many farmers have you directly influenced to use better
methods in growing this crop this year? | | <u>1,619</u> |
| How many indirectly influenced? | | <u>1,108</u> |

(Use reverse side for remarks on this crop)

Space for agent's stamp

P O T A T O E S

(Sweet or Irish) ✓

Va 1915

- | | | |
|--|-----------|--------------|
| 1. Number of demonstrators | | <u>118</u> |
| 2. Number of demonstrators reporting | | <u>69</u> |
| 3. Total acreage of potato demonstrations | | <u>310.0</u> |
| 4. Average yield per acre on demonstrations | (bushels) | <u>156</u> |
| 5. Estimated average yield per acre for entire county | (bushels) | <u>102</u> |
| 6. Estimate number of acres treated for diseases and, insect pests due to your influence | | <u>695</u> |
| 7. How many farmers have you directly influenced to use better methods in growing this crop this year? | | <u>69</u> |
| How many indirectly influenced? | | <u>1140</u> |
| 8. Estimated increased acreage this year due to county agent's work | | <u>990</u> |
| 9. How have you been able to assist in marketing the crop? | | <u>2</u> |

Practically all potatoes grown
for home use.

Space for agent's stamp

ORCHARDS

Va 1918

1. Number of demonstration home orchards;	Apple	<u>419</u>
	Peach	<u>82</u>
	Other	<u>07</u>
2. Total number of trees in these demonstrations		<u>508</u>
	No. Orchards	No. Trees
3. Orchards inspected	<u>604</u>	<u>118,100</u>
4. Orchards pruned due to your influence	<u>690</u>	<u>70,910</u>
5. Orchards sprayed due to your influence	<u>341</u>	<u>40,511</u>
6. Peach orders worked due to your influence	<u>105</u>	<u>8,370</u>
7. Orchards planted due to your influence	<u>97</u>	<u>6,500</u>
	TOTAL	2297
8. How many commercial orchards have you assisted in caring for?		<u>172</u>
9. How many trees did you actually	spray?	<u>10,426</u>
	prune?	<u>12,807</u>
	worm?	<u>556</u>
10. Report of special campaigns, results, etc.		

(Use reverse side for additional remarks)

Space for agent's stamp

HORSES ✓

Va 1918

- | | | |
|--|-----------|--------------|
| 1. How many pure blood stallions and jacks have been brought into the county this year, due to your influence? | Stallions | <u>21</u> |
| | Jacks | <u>11</u> |
| 2. How many brood mares brought in due to your influence? | | <u>52</u> |
| 3. How many demonstrations in feeding horses or mules? | | <u>36</u> |
| 4. How many horses or mules in these demonstrations? | | <u>150+</u> |
| (Report results under "Remarks") | | |
| 5. How many horses or mules fed and cared for according to methods you have advocated? | | <u>2,668</u> |
| 6. How many pure blood stallions in county when demonstration work started? | | <u>10</u> |
| How many now? | | <u>141</u> |
| 7. How many pure blood jacks in county when demonstration work started? | | <u>17</u> |
| How many now? | | <u>52</u> |

REMARKS:

Space for agent's stamp

DAIRY CATTLE

Va 1918

1. How many head of pure bred dairy stock have been brought into the county this year through your influence?
- | | |
|-----------------|------------|
| Bulls | <u>46</u> |
| Cows or heifers | <u>206</u> |
2. How many grade dairy cows have been brought into the county for breeding purposes this year through your influence? 261
3. How many cows have been tested at your instance to determine the profitable milk producers? 1,120
4. Do you carry or own a Babcock tester? 50% of agents own them
5. How many farmers have been induced to feed a better balanced ration to their stock? 708
How many head of stock so fed? 4661
6. (Report results under "Remarks")
6. How many demonstrations in dairy work have you supervised? 31
7. How many cows in these demonstrations? 1,290
- (Report results under "Remarks")
8. How many new creameries established this year due to your influence? 1
9. How many pure bred dairy bulls in the county when county agent work was started? 207
How many now? 607
10. How many pure bred dairy cows in the county when county agent work was started? 1,806
How many now? 3,171
11. How many new cream routes established this year due to the influence of the county agent's work? -
12. How many cow testing associations established this year due to your influence? 2
13. How many dairy breeders' associations established this year due to your influence? 12

(Use reverse side for remarks)

Space for agent's stamp

B E E F C A T T L E

Va 1918

1. How many head of pure-blood beef cattle have been brought into your county this year through your influence? Bulls 220
Cows or Heifers 507
2. How many head of grade cows have been brought into your county this year for breeding purposes, through your influence? 379
3. How many beef breeding herds were started this year due to your influence? 59
4. How many head of feeding cattle have been brought into your county this year through your influence? 4219
5. How many beef feeding demonstrations did you supervise? 102
6. How many cattle in these demonstrations? 4,067
7. On how many of these demonstrations were records kept? 66
- (Give methods, dates and results in dollars, gains made, cost of gains, total profit, etc., under "Remarks")
8. Estimate the number of beef cattle cared for according to methods which you advocated: where methods were wholly followed 14,580
where methods were partially followed 4,899
- (Give results of these methods and special campaigns along beef cattle lines under "Remarks")
9. Number of beef cattle breeders' associations or clubs formed 17
Number of members 338
10. Number of pure-blood beef bulls in county when demonstration work started 210
Number now 883
11. Number of pure-blood beef cows in county when demonstration work started. 962
Number now 2,493
12. How many carloads of beef cattle have been shipped cooperatively from your county this year? 90
13. How many carloads in all have been shipped from your county this year? 2,530

(Use reverse side for remarks)

Space for agent's stamp

DIPPING VATS ✓

Jan. 1918

- | | |
|--|-----|
| 1. How many dipping vats have been built through your influence ^{year?} this? | 16 |
| 2. How many have you helped to construct? | 10 |
| 3. How many have you helped to fill with the solution? | 10 |
| 4. For how many have you tested the solution? | 8 |
| 5. Total number built in county by all forces during the year. | 13 |
| 6. Total number in the county at this time. | 19 |
| 7. Estimate the total number of cattle dipped during the year | 895 |

(For additional remarks use reverse side of sheet)

Space for agent's stamp

H O G S

Va. 1918

1. How many head of pure blood hogs have been brought into your county this year due to your influence? Boars 1390
Sows or gilts 789
2. How many extra head of pure-blood and grade sows have been bred, due to your influence? 2,578
3. How many herds have been started? 754
4. How many hog feeding demonstrations did you supervise? 254
5. How many hogs in these demonstrations? 2,602
6. On how many of these demonstrations were records kept? 124
- (Report results in dollars, rate of gain, amount and cost of gain, total profit, detailed statements of production, &c, and attach hereto; also report number of farmers, number of hogs, and results of "hogging off" or grazing of crops, in same manner as for feeding demonstration.)
7. How many farmers have you induced to start hog pastures? 698
8. How many farmers have you induced to start the growing of grazing crops for hogs? 1,320
9. Estimate number of hogs fed or cared for according to methods which you advocated. 18,768
10. Give number of pure-blood boars when demonstration work started. Number now 414
3,192
11. Give number of hogs in county when demonstration work started. Number now 11,017
194,820
12. How many carloads of hogs have been shipped cooperatively from your county this year? 7
13. How many carloads in all have been shipped from your county this ^{year}? 117

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

Space for agent's stamp

SHEEP AND GOATS ✓

Va 1911

Sheep

Demonstration

Specify if sheep or goats - separate sheet for each.

1. How many head of pure-bred rams have been brought into the county this year through your influence?
How many ewes? 182
102
2. How many grade ewes have been brought into the county this year for breeding purposes due to your influence? 1,911
3. How many flocks have been started? 96
4. How many sheep-feeding demonstrations did you supervise? 10
5. How many sheep in these demonstrations? 1,110
6. On how many of these demonstrations were records kept? 67

(Give statement of production in dollars, rate, amount and cost of gain, profit, etc., and attach hereto; also report results of grazing of crops in same manner as for feeding demonstrations.)
7. How many farmers did you induce to grow grazing crops for sheep? 32
8. Estimated number of sheep fed or cared for according to methods which you advocated. 2,541
9. Number of pure-blood rams in county when demonstration work started.
Number now 108
1802
10. Number of pure-blood sheep in county when demonstration work started.
Number now 4,890
6,297
11. Report results of campaign for more sheep, eradication of dogs, etc., under "Remarks".
12. How many carloads of sheep and goats have been shipped cooperatively from your county this year? 10
13. How many carloads in all have been shipped this year? 95

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

Space for agent's stamp

POULTRY

Va 1918

1. How many poultry demonstrations? 151
2. Number of each kind of poultry grown and cared for according to methods which you advocate:
- | | | | |
|----------|---------------|---------|---------------|
| Chickens | <u>32,750</u> | Turkeys | <u>1,800</u> |
| Ducks | <u> </u> | Geese | <u> </u> |
| Guineas | <u> </u> | TOTAL | <u>34,550</u> |
3. On how many farms has poultry management been improved as a result of your work? 121
- How many birds on these farms? 65,000
4. Do you give advice on poultry diseases?
(Report results under "Remarks")
5. How many farmers have you induced to produce non-fertile eggs? 1,041
6. How many non-fertile eggs produced (dozen) 30,940
Average price per dozen 45¢
7. How many communities are raising the same kind of poultry? 22
8. On how many cream routes are poultry products collected?

Space for agent's stamp.

LIVE STOCK DISEASES AND PESTS

Va 1918

1. State below how many head of stock you or other extension workers have induced farmers in your county to have treated for diseases or pests:

Cattle treated for;			
blackleg	<u>31,753</u>	tuberculosis	<u>552</u>
anthrax or charbon		ticks	<u>416</u>
digestive and other troubles	<u>4,797</u>	lice	<u>50</u>
Hogs treated for;			
cholera (single treatment)	<u>8,746</u>	worms	<u>4,212</u>
cholera (simultaneous ")		lice	<u>4,481</u>
digestive and other troubles	<u>579</u>	mange	<u>404</u>
Sheep treated for;			
stomach worms	<u>190</u>	grubs	<u>492</u>
digestive and other troubles	<u>72</u>	scab	<u>256</u>
		ticks	<u>100</u>

Horses treated for;			
spinal meningitis		distemper	<u>57</u>
digestive ailments	<u>108</u>	accidents	<u>66</u>
anthrax or charbon		other troubles	<u>22</u>

(Report results of cattle, hogs, sheep and horse treatments under "Remarks")

54,798

2. How many of the above did you personally treat or test?

Cattle:-	blackleg	<u>20,475</u>	tuberculosis	
	anthrax or charbon	<u>18</u>	hog cholera	<u>6,502</u>
Hogs:-			anthrax or charbon	
Horses:-				

3. Have you instruments for such treatments? *Most agents have.*
4. Report results of campaigns for eradication or control of diseases or pests.

Space for agent's stamp

FERTILIZER ✓

Ja 1918

1. How many farmers have you advised regarding the proper use of fertilizers? 12,787
2. How many fertilizer demonstrations are the farmers conducting with you? 611
3. How much fertilizer used on such demonstrations? (tons) 6898
4. How many communities have you influenced to buy fertilizers cooperatively? 109
- | | | |
|---|--------|---------------------|
| Quantity bought cooperatively | (tons) | <u>10,740</u> |
| Value of fertilizer bought cooperatively | | <u>\$428,768.68</u> |
| Total amount saved by cooperative purchases | | <u>\$40,225.50</u> |
5. Number of farmers home-mixing fertilizer on your advice. 467
6. Estimated saving per ton to farmers. \$6.50
7. Number of farmers who top-dressed crops with fertilizer at your suggestion. 1,052

(For additional remarks use reverse side of sheet)

Space for agent's stamp

MANURE ✓

Va 1918

1. How many farmers have you induced to take better care of farm manure? 6,682
2. How many have provided manure sheds at your suggestion? 191
3. How many are composting farm manure and waste products? 892
4. How many manure spreaders are in the county? 6,804
5. How many have you helped to place this year? 227
6. How many farmers are using phosphate or other material for re-enforcing farm manure? 647
7. Estimated quantity of farm manure now being saved in your territory?
(tons) 205,628

Space for agent's stamp

S I L O S ✓

Va 1918

1. How many silos have been built in your county this year? 554
2. How many silos built this year as a result of your advice? 246
3. How many silos were in county when county agent's work was started? 4281
How many in county now? 4528
4. Of the number of silos in county now there are:

Tile	<u>249</u>
Cement	<u>258</u>
Stave	<u>2575</u>
Stone	<u>34</u>
Other	<u>69</u>
TOTAL	<u>3,170</u>

Space for agent's stamp

L I M E ✓

Va 1918

- | | | |
|---|-----------------------------|---------------------|
| 1. How many farmers used lime this year due to your influence? | | <u>4,099</u> |
| 2. Quantity used due to your influence: | | |
| | Burned lime | (tons) <u>7,080</u> |
| | Limestone or its equivalent | " <u>17,701</u> |
| 3. Number of acres treated 1st year of demonstration work, 1914 | | <u>9,802</u> |
| 4. Number of acres treated 2nd year of demonstration work, 1915 | | <u>8,883</u> |
| 5. Number of acres treated 3rd year of demonstration work, 1916 | | <u>22,180</u> |
| 6. Number of acres treated 4th year of demonstration work, 1917 | | <u>10,216</u> |
| 7. Number of acres treated 5th year of demonstration work, 1918 | | <u>7,899</u> |
| | TOTAL | <u>57,881</u> |
| 8. Number of local sources of lime developed. | | <u>41</u> |
| 9. Number of lime crushers installed as a result of your work. | | <u>20</u> |
| 10. Number of lime kilns built as a result of your work. | | <u>163</u> |

(For additional remarks use reverse side of sheet)

Space for agent's stamp

COUNTY ORGANIZATIONS

Va 1918

1. Is there a central county organization supporting your work? Yes 29
 If so, what is it called? Co Farmers Unions & Advisory Boards
 Who constitute its membership? Farmers from all organizations in Counties, progressive business men & county officials.
 How is membership selected or appointed? _____

What is the membership fee, if any? Average --- \$2.00

Who are its present officers? _____

How long has this county organization been in existence? Av. 17 yrs.

2. How many community farmers' clubs have you assisted in organizing this year? 28
 Total membership 1,678

3. How many community farmers' clubs have you in your county? 92
 Total membership 3,686

4. How many community farmers' clubs have ceased to exist during the year? 10
 (Give reason, using extra pages when necessary)

5. How many of these clubs are organized so as to include the farmers' wife, children, and others, in their membership? 71

6. State several direct ways in which these clubs are helpful to the farmer and his family. (Use extra pages if necessary)

Brings people together so they may know needs of their county, also aids them in buying & selling to better advantage.

Space for agent's stamp

COUNTY ORGANIZATIONS ✓

Va 1918

7. Are these community farmers' clubs dependent on the county agent for their existence and the continuation of their efforts? *Yes*
8. Does each club have a community plan or program of work? (Attach a copy of such plans for the past year) *Yes*
9. Does the county organization have a definite plan of work with reference to the county? *Yes*
10. To what extent are these clubs cooperating with the county and community councils of defense? (Use extra page if necessary in answering)
- _____
- _____
11. What is the method of procedure in bringing to the attention of these clubs and the members, the recommendations of the defense councils? (Use extra pages when necessary)
- _____
- _____
12. Are such recommendations quite consistently followed? *Yes*
13. Have you so thoroughly organized your county that you have someone in every community or school district assisting you in food production work and through whom you can reach EVERY farm family in your county with the food production campaign?
- _____
- _____
- _____

Space for agent's stamp

COOPERATIVE BUYING
AND SELLING ORGANIZATIONS

Va 1918

1. How many of your farmers' organizations buy and sell cooperatively? 57
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:

Article	Quantity	Value	Saving
Fertilizer Soda Plaster	_____	\$ _____	\$ _____
Wool Salt Caser Seed	_____	_____	_____
Seed Corn Corns Seed	_____	_____	_____
Wheat Potatoes Cottonseed	_____	_____	_____
Seed Corn Seed Millfeed	_____	_____	_____
Wool Salt Binder Turn	_____	_____	_____
Wool Salt	_____	_____	_____
Total	_____	\$ 35,062.76	\$ 4,532.50

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

Space for agent's stamp

FARM AND FARMSTEAD
IMPROVEMENTS

Va 1918

THINGS DONE WITH AGENT'S ASSISTANCE AND ADVICE

- | | |
|---|--|
| 1. Number of buildings erected | <u>169</u> |
| 2. Number of farm buildings improved | <u>290</u> |
| 3. Number of new building plans furnished | <u>146</u> |
| 4. Number of farm buildings painted or whitewashed | <u>192</u> |
| 5. Number of hose water systems installed or improved | <u>86</u> |
| 6. Number of hose water systems in county before demonstration
Number now | <u>681</u>
<u>1,479</u> |
| 7. Number of hose lighting systems installed in county
Number in county before deconstruction work started
Number now | <u>485</u>
<u>854</u>
<u>819</u> |
| 8. Number of home grounds improved | <u>330</u> |
| 9. Number of farm and home sanitary conditions improved | <u>740</u> |
| 10. Number of homes screened against flies and mosquitoes | <u>526</u> |
| 11. Number of sanitary privies erected | <u>89</u> |
| 12. Number of telephone systems installed | <u>83</u> |
| 13. Number of farmers furnished plans and induced to adopt systematic
crop rotations | <u>4,406</u> |
| 14. Total acreage of such rotations | <u>25,611</u> |
| 15. Crops commonly used in these rotations: | |

Space for agent's stamp

FARM AND FARMSTEAD
IMPROVEMENTS

Va 1918

16. Number of new pastures established 254
" " acres 2,200
17. Number of old pastures renovated 128
" " acres 7,337
18. Number of drainage systems established in county 27
19. Number of farmers induced to drain all or part of their farms 701
20. Number of such acres drained:- by tils 4,570
by ditch 4,743
21. Number of farmers induced to remove stumps 173
acres
22. Number of farmers induced to terrace their sloping lands 628
acres
23. Number of home gardens planted or improved 7,676
24. No. of farmers induced to save surplus farm products for winter use 4,676
25. Number of road improving demonstrations assisted in 46
26. Number of miles of improved roads resulting therefrom 288
27. Number of farmers who planted cover crops to be turned under 4,071
28. Number of acres in each kind of cover crops:
- | | |
|----------------|-------------|
| (a) crop _____ | acres _____ |
| (b) crop _____ | acres _____ |
| (c) crop _____ | acres _____ |
| (d) crop _____ | acres _____ |
29. Number of new implements and tools bought: Total " 19,443

Binders _____	Mowers _____	Hay rakes _____
Hay presses _____	Grain drills _____	Ensilage cutters _____
Gas engines _____	Disk harrows _____	Cream separators _____
2-hrs cultivators _____	1-hrs cultivators _____	Spraying machines _____
Tractors _____	Flows _____	Manure spreaders _____
Motor trucks _____	Hay loaders _____	Small tools _____
Corn Planters _____		<u>Total</u> <u>1,082</u>

Mixed Farm Work
ORGANIZATION

Space for agent's stamp

Va 1915

1. Number of visits by agent to

Demonstrators	_____
Cooperators	_____
Other farmers	_____
Business men	_____
Boys' and Girls' Club members	_____
TOTAL	53,975

2. Number of miles traveled

Railroad	5,758	TOTAL	326,616
Team	47,643		
Otherwise	22,815		

3. Calls on agent relative to work at office or home --

Personal	16,060
Telephone	12,526

4. Number of farmers' meetings held under auspices of agent or Extension Division

1,804

5. How many meetings of all kinds did you address?

2,766

Total attendance at these meetings (approximate)

142,892

6. How many field meetings held by you?

580

Total attendance at these meetings

7,861

7. What per cent of time spent at office work? _____%

How Divided?

Correspondence	5
Conferences	5
Miscellaneous	5
TOTAL	100%

8. What per cent of time spent in field work? _____%

How Divided?

Supervising reg. dem.	5
Other farm visits	5
At meetings	5
Assisted in short courses work	5
Organization	5
TOTAL	100%

9. Number of official letters written

76,722

10. Number of articles relating to your work prepared for publication

1562

11. Number of circular letters prepared by you and sent out (Give list and copy of each if possible)

Letters	150
Copies	42,861

Space for agent's stamp

Mixed Ext Work
ORGANIZATION

Va 1918

- | | |
|---|---------------|
| 12. Number of bulletins or circulars of U. S. Department of Agriculture distributed | <u>54,985</u> |
| 13. Number of bulletins or circulars from State Colleges or State Department of Agriculture distributed | <u>16,057</u> |
| 14. Number of visits to schools relating to work | <u>2,179</u> |
| 15. In how many schools did you assist in outlining an agricultural course? | <u>72</u> |
| 16. How many Extension schools or short courses did you assist in? | <u>20</u> |
| Total attendance at these schools | <u>2,823</u> |
| 17. Total number of days you were engaged in these schools | <u>65</u> |
| 18. Number of farmers who attended short courses at colleges as a result of your effort | <u>97</u> |
| 19. Number of boys attending Agricultural or other schools or colleges as a result of the club work | <u>182</u> |
| 20. How many girls attended industrial or other schools as a result of girls' club work? | <u>4</u> |
| 21. How many times have you been visited by specialists from college or the Department? | <u>727</u> |
| 22. Was there a county fair held in your county? <i>50% of Counties had fair</i> | <u>Yes</u> |
| 23. How many demonstrators, cooperators and club leaders had exhibits? | <u>4296</u> |
| How many of these won prizes? | <u>607</u> |
| 24. How many demonstrations have you in truck or small fruit? | <u>90</u> |
| 25. Were they successful from a financial standpoint? | <u>Yes</u> |
| 26. How many farmers in your county are keeping cost records at your instance? | <u>726</u> |
| Complete <u>285</u> ; Partial <u>491</u> ; Total | <u>726</u> |

Space for agent's stamp

West End Work
ORGANIZATION ✓

Va 1918

- | | |
|---|--------------|
| 27. How many farmers in your county are practicing fall plowing as a result of county agent's work? | <u>625</u> |
| 28. How many farmers are selecting seed? | <u>5,082</u> |
| 29. How many farmers are growing any kind of improved seed for sale? | <u>1,626</u> |
| 30. How many wood lots have been improved at your suggestion? | <u>61</u> |
| 31. How many farmers in your county have been influenced to grow sugar cane or sorghum for syrup? | <u>1,085</u> |

Space for agent's stamp

EFFECT OF DEMONSTRATION
WORK ON THE COMMUNITY AND
HUMAN INTEREST FEATURES

Va 1918

The data called for on the other sheets are mostly statistics. The replies to the following questions are intended to furnish a basis from which to make an estimate of the general effect of the demonstration work on the individual and the community. The agent should not restrict his general information to the questions asked, but should give any additional facts that will bring out prominently the good effects or the influence the agent's work has exerted over any individual or over the county in general. Each agent should give at least one human interest story. It would be much better if such stories could take up the work with the individual and follow it through for several years.

HOW MANY OF YOUR DEMONSTRATORS AND COOPERATORS ARE:

- | | |
|--|-----|
| 1. Raising practically all their home supplies? | 91% |
| 2. Have opened new bank accounts since beginning demonstration work? | 50% |
| 3. Have increased their bank deposits since beginning demonstration work? | 66% |
| 4. Own their farms? | 98% |
| 5. Have mortgages on their farms? | 85% |
| 6. Have paid off their mortgages since beginning demonstration work? | 5% |
| 7. Trading on a cash basis since beginning demonstration work? | 50% |
| 8. Do the bankers and merchants favor demonstration farmers in placing business such as in the loaning of money and extension of credit? If so, give examples. | |

Bankers and merchants generally favorably disposed towards loaning money and extending credit

WHAT PER CENT OF YOUR DEMONSTRATORS AND FARMERS ARE:

- | | |
|---|-----|
| 9. Decreasing their indebtedness along various lines? | 75% |
| 10. Showing increased interest in agricultural meetings? | 60% |
| 11. Showing a desire to study their farm business and progress? | 40% |

Space for agent's stamp

EFFECT OF DEMONSTRATION
WORK ON THE COMMUNITY AND
HUMAN INTEREST FEATURES

Va 1911

12. What additional industries have been established in your territory since demonstration work was begun? *cheese canning factories, flour mills, & sorghum plants*
13. What other signs of progress are apparent as a direct, or indirect, result of demonstration and extension work? _____
14. In how many instances among your demonstrators and cooperators have labor saving devices for the home been installed? *4*
15. Name some of the more noticeable effects on the farmers' home and family, of his greater earning power due to better methods; such as increased opportunities for social intercourse, amusements, entertainments, greater contentment with farm life, increased interest in church work, etc. Give instances.
- _____
- _____
- _____
- _____

Space for agent's stamp

SPECIAL REPORT BY WHITE AGENTS ON WORK WITH
 NEGRO FARMERS

Va 1918

NOTE:- The data reported on this page must be included in your report on all work done. Negro agents need not report on this sheet, but should fill out all other sheets of form 920.

1. Number of negro demonstrators (all crops) 30
2. Number of negro demonstrators reporting (all crops) 24
3. Total acreage of all crops grown under improved methods on negro demonstration farms 214.25
4. Number of negro cooperators (all crops) 78
5. Total acreage of all crops of negro cooperators 90
6. Number of negro farmers who planted pure or selected seed on their demonstrations 15
7. Number of negro farmers you have influenced to select seed for next year's crop 42
- Estimated quantity of all seed selected (bushels) 99
8. Number of negro farmers who fall-plowed their demonstration acres 86
9. Approximately, how many negro farmers in your territory are following demonstration methods on their farms? 960
10. Name the principal crops grown under demonstration methods by negro demonstrators and cooperators _____
11. Number of pure blood animals bought by negro farmers at your suggestion:

Horses & Mules	<u> </u>	Dairy Cattle	<u>3</u>
Beef Cattle	<u>3</u>	Hogs	<u>16</u>
Sheep & Goats	<u>17</u>	Poultry	<u>344</u>
12. Number of negro farmers who have produced practically all their home food and feed due to your influence 150
13. Number of negro agricultural clubs or community organizations formed this year for the general improvement of rural conditions _____
- Number of members _____

Space for agent's stamp

SPECIAL REPORT BY WHITE AGENTS OF WORK WITH
 NEGRO FARMERS ✓

Ja. 1918

14. Farm and rural improvements made
 due to agent's influence:

New houses built	<u>3</u>
New barns built	<u>4</u>
New schools built	<u> </u>
New churches built	<u> </u>
Buildings improved or repaired	<u> </u>

15. Number Farm Makers Clubs organized this year

Number members in these clubs

16. Number Home Makers Clubs organized this year

Number members in these clubs