

Cooperative Extension Work in Agriculture
and Home Economics.

U. S. DEPARTMENT OF AGRICULTURE
AND STATE AGRICULTURAL COLLEGES
COOPERATING.

STATES RELATIONS SERVICE,
OFFICE OF EXTENSION WORK, SOUTH,
FARMERS' COOPERATIVE DEMONSTRATION WORK.

REPORT OF WORK OF THE COUNTY AGENT,

CALENDAR YEAR 1917.

DUE DECEMBER 31, 19

Negro

STATE, VIRGINIA

COUNTY, CHARLES CITY

REPORT OF E. V. E. BARTONSON, COUNTY AGENT.

FROM JANUARY 1, 1917, TO DECEMBER 31, 1917.

APPROVED:

STATE AGENT.

DATE FORWARDED.

DIRECTOR OF EXTENSION WORK.

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 Agents' reports will be uniform when sent to the Director's office in the State and then to the Washington Office.

It should be distinctly understood that these forms are only to summarize the statistical part of the report, and under each crop or heading such remarks, observations or points of interest as may be useful should be briefly

written out. The back of the respective sheets may be used for remarks on the crops reported on. No doubt many interesting features will be called to mind, which, if written up and sent in to the State Agent's office along with the replies to these definite questions, would be very valuable in giving the report that personal touch which proves of great value and interest in all reports of this nature.

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

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

CROPS:

Corn
Cotton
Tobacco
Small Grain
Hay & Forage
Cover Crops
Summer Legumes
Potatoes (Irish & Sweet)
Truck Crops & Gardens
Sugar Cane
Orchards

LIVE STOCK:

Horses
Dairy Cattle
Beef Cattle
Hogs
Sheep & Goats
Poultry
Live Stock Diseases & Pests.

OTHER WORK:

Fertilizers
Farm Manures
Silos
Dipping Vats
Seed Selection
Lime
Rotations
Pastures
Organizations
Farm Buildings
Drainage
Farm Machinery & Tools
Clearing Land, Stumps, etc.
Timber & Wood Lots
Miscellaneous Demonstration Work
Effect of Demonstration Work on
Community, and Human Interest
Features.
Boys' & Girls' Clubs

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.

C O R N.
(INCLUDING KAFIR, MILO, FETERITA)
SEPARATE SHEET FOR EACH.

SPACE FOR AGENT'S NAME.

R. T. F. Washington,

Roxbury, Va.

1. Number of demonstrators 12
2. Number of demonstrators reporting 8
3. Total acreage of corn grown under improved methods on demonstration farms 380
4. Average yield per acre on demonstrations (bushels) 22
5. Increased yield on demonstrations over ordinary methods 10
6. Number of cooperators 222; Acreage 375; Yield per A. 15 bu.
7. Number who planted pure or selected seed on their demonstrations 10
8. Number of farmers you have influenced to select seed for next year's
w crop 10; Estimated amount of seed selected 10 bu.
9. Number who fall plowed their demonstration acres 50
10. Number who turned under cover crops on their demonstration acres 7
11. Number of acres harvested for silage _____; Yield per acre _____
(tons)
12. Number of acres "hogged down" _____; Value per acre when utilized
this way \$ _____
13. Number of acres treated for diseases or insect pests _____
14. How many farmers have you influenced to use better methods in growing
corn this year? 12
15. Estimate total number of farmers in county who have been influenced to use
better methods in corn growing since county agent work started 300
16. What per cent is this of total number of farmers in your county? 42

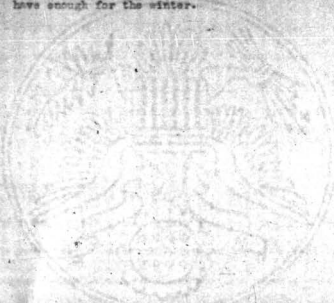
(FOR REBARKS, INCIDENTS, SPECIAL REPORTS, ETC., USE OTHER SIDE, AND ADDITIONAL SHEETS IF NECESSARY.)

Owing to the excessive rainfall during the planting and working season the farmers were unable to cultivate their corn as they had planned. Corn crops were cut in yield from 20 to 60 %. Including cooperating farmers better seed was used on the farms and with exceptions better corn crops were realized.

Dep. T. Banks, Bathill, Va., used pure bred seed corn as advised on land where he had grown no more than 15 bu. per acre. He will harvest 25 bu. per acre on 4 acres.

Gen. E. W. Tyler, Rowbury, N.C., plowed in rye and used 100 lb. 16% seed and will harvest 30 bu. per acre. from 3 3/4 acres. other land will average 15 bu. per acre.

Twenty five farmers will have sufficient supply of corn to last them the whole year. One hundred will have supply for half the year and 150 will have enough for the winter.



COTTON.

1. Number of demonstrators _____
2. Number of demonstrators reporting _____
3. Total acreage grown under improved methods on demonstration farms _____
4. Average yield per acre on demonstrations (pounds seed cotton) _____
5. Increased yield per acre on demonstrations over ordinary methods _____
6. Number of cooperators _____; Acreage _____; Yield per acre in
pounds seed cotton _____
7. Number of demonstrators who planted pure or selected seed _____
8. Number of farmers you have induced to field select seed for next year's
crop _____
9. How many fall plowed their demonstration acres? _____
10. How many turned under cover crops on their demonstration acres? _____
11. Number of acres treated for diseases or insect pests _____
12. How many farmers have you influenced to use better methods in cotton grow-
ing this year? _____
13. Estimate the total number of farmers in your county who have used improved
methods since county agent work was started _____
14. What per cent of all the farmers of your county have been reached? _____
15. Have you been able to get the farmers in any community to grow but one va-
riety of cotton? _____; Give particulars _____

SMALL GRAINS.
 (OATS, WHEAT, RYE, BARLEY, BUCKWHEAT.)

SPACE FOR AGENT'S SIGNATURE

F. E. F. Washington,
 Roxbury, Va.

WHEAT

DEMONSTRATION.

ENTER HERE THE NAME OF CROP - SEPARATE SHEET FOR EACH.

1. Number of demonstrators 6
2. Number of demonstrators reporting 6
3. Total acreage in this crop grown under improved methods on demonstration farms 9
4. Average yield per acre on demonstration farms (bushels) 15
5. Increased yield on demonstrations over ordinary methods (bushels) 9
6. Number of cooperators 18; Acreage 287; Yield per acre (bushels) 8
7. Number of demonstration acres threshed for grain 109
8. Number of demonstration acres cut for hay 197
9. Average yield of cured hay per acre on demonstration (tons) 3/4
10. Increase per acre of cured hay on demonstrations over ordinary methods, tons 1/4
11. Number of acres grazed off _____; Estimated value per acre \$ _____
12. Number of acres turned under for soil improvement _____
13. How many acres were treated for insect pests? _____
14. How many bushels of seed were treated for smut, rust, etc? 15
15. How many farmers have you induced to plant this crop for the first time? 12
16. Estimated total number of farmers in your territory who have been influenced to sow this crop since county agent's work started 24
17. What per cent is this of the total number of farmers in the county? 4

*NOTE. UNDER REMAINS STATE THE NATURE AND RESULTS OF TREATMENT OF DISEASES OR INSECT PESTS.
 USE OTHER SIDE OF SHEET FOR THIS.

The seed that was treated for smut and scab. was washed in cold water
smut and foreign substance skimmed or poured off. Eight of these
farmers threshed wheat for the first time. Total number of bu. threshed
830 for seed, bread, and market.

197 acres were cut for hay aggregating 148 tons cured hay.

As far as data has been secured 300 acres of wheat has been seeded this
fall.

SMALL GRAINS.
(OATS, WHEAT, RYE, BARLEY, BUCKWHEAT.)

R. E. F. Washington,
Roxbury, Va.

OATS.

DEMONSTRATION.

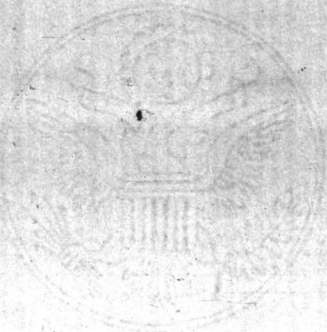
ENTER HERE THE NAME OF CROP - SEPARATE SHEET FOR EACH.

1. Number of demonstrators 1
2. Number of demonstrators reporting 1
3. Total acreage in this crop grown under improved methods on demonstration farms 1 1/2
4. Average yield per acre on demonstration farms (bushels) _____
5. Increased yield on demonstrations over ordinary methods (bushels) _____
6. Number of cooperators 4; Acreage 55; Yield per acre (bushels) 12
7. Number of demonstration acres threshed for grain 10
8. Number of demonstration acres cut for hay 42.5
9. Average yield of cured hay per acre on demonstrations (tons) 1 1/4
10. Increase per acre of cured hay on demonstrations over ordinary methods, tons 1/4
11. Number of acres grazed off _____; Estimated value per acre \$ _____
12. Number of acres turned under for soil improvement _____
13. How many acres were treated for insect pests? _____
14. How many bushels of seed were treated for smut, rust, etc? _____
15. How many farmers have you induced to plant this crop for the first time? _____
16. Estimated total number of farmers in your territory who have been influenced to sow this crop since county agent's work started 4
17. What per cent is this of the total number of farmers in the county? 36

*NOTE. UNDER REMARKS STATE THE NATURE AND RESULTS OF TREATMENT OF DISEASE FROM INSECT PESTS.
USE OTHER SIDE OF SHEET FOR THIS.

Total number bu. of oats threshed---- 180

Number tons hay harvested. ---- 52



SMALL GRAINS.
(OATS, WHEAT, RYE, BARLEY, BUCKWHEAT.)

H. E. F. Washington,
Boxbury, Va.

DEMONSTRATION.

ENTER HERE THE NAME OF CROP - SEPARATE SHEET FOR EACH.

1. Number of demonstrators 5
2. Number of demonstrators reporting 5
3. Total acreage in this crop grown under improved methods on demonstration farms 13
4. Average yield per acre on demonstration farms (bushels) _____
5. Increased yield on demonstrations over ordinary methods (bushels) _____
6. Number of cooperators 3; Acreage 5; Yield per acre (bushels) 12
7. Number of demonstration acres threshed for grain 1
8. Number of demonstration acres cut for hay _____
9. Average yield of cured hay per acre on demonstrations (tons) _____
10. Increase per acre of cured hay on demonstrations over ordinary methods, tons _____
11. Number of acres grazed off 5; Estimated value per acre \$ 5
12. Number of acres turned under for soil improvement 12
13. How many acres were treated for insect pests? _____
14. How many bushels of seed were treated for smut, rust, etc? _____
15. How many farmers have you induced to plant this crop for the first time? 3
16. Estimated total number of farmers in your territory who have been influenced to sow this crop since county agent's work started 8
17. What per cent is this of the total number of farmers in the county? 1.25

*NOTE: UNDER "HOW MANY ACRES WERE TREATED FOR INSECT PESTS" STATE THE NATURE AND RESULTS OF TREATMENT OF DISEASE FROM INSECT PESTS. USE OTHER SIDE OF SHEET FOR THIS.

HAY, FORAGE OR COVER CROPS.

H. T. F. Washington,
Rombery, Va.

(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.)

Crimson Clover and Wheat. DEMONSTRATION.

ENTER HERE THE NAME OF CROP - SEPARATE SHEET FOR EACH.

1. Number of demonstrators _____
 2. Number of demonstrators reporting _____
 3. Total acreage in this crop grown under improved methods on demonstrations _____
 4. Average yield per acre on demonstrations _____ (tons of cured hay)
 5. Number of acres cut for hay _____
 6. Increased yield of demonstrations over ordinary methods _____ (tons cured hay)
 7. Number of acres grazed off _____
 8. Estimated value per acre of grazing \$ _____
 9. Number of cooperators 13. Acreage 38. Yield per acre cured hay (tons) 3 1/4
 10. How many acres of legumes in this class of crops were inoculated? _____
 11. How many farmers ordered inoculating material through you from the Dept? _____
 12. How many demonstration acres were turned under for soil improvement purposes? 3
 13. Estimate total number of acres in county turned under by agent's advice _____
 14. How many acres were sown this fall? 28
 15. Estimate acreage grown in county before county agent's work started _____
 16. What is your estimate of the increased acreage of this crop in the county as the result of the agent's influence? _____
- | | |
|---------------------------------|------------------------------------|
| | Give increase by year if possible. |
| First year's increase <u>10</u> | Third year's increase <u>19</u> |
| Second " " <u>28</u> | Fourth " " <u>18</u> |

No special demonstrations were conducted with this crop on which records were kept. The conditions have been so unfavorable and seed so high that farmers are decreasing the acreage. The 55 acres harvested for hay aggregated 41 tons cured hay.

HAY, FORAGE OR COVER CROPS.

E. Y. W. Washington,
Hoxbury, Va.

(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.)

Crimson Clover and Oats

DEMONSTRATION.

ENTER HERE THE NAME OF CROP - SEPARATE SHEET FOR EACH.

1. Number of demonstrators _____
 2. Number of demonstrators reporting _____
 3. Total acreage in this crop grown under improved methods on demonstrations _____
 4. Average yield per acre on demonstrations _____ (tons of cured hay)
 5. Number of acres cut for hay _____
 6. Increased yield of demonstrations over ordinary methods _____ (tons cured hay)
 7. Number of acres grazed off _____
 8. Estimated value per acre of grazing \$ _____
 9. Number of cooperators 1 Acreage 4 Yield per acre cured hay (tons) 1
 10. How many acres of legumes in this class of crops were inoculated? _____
 11. How many farmers ordered inoculating material through you from the Dept? _____
 12. How many demonstration acres were turned under for soil improvement purposes? _____
 13. Estimate total number of acres in county turned under by agent's advice _____
 14. How many acres were sown this fall? 4
 15. Estimate acreage grown in county before county agent's work started _____
 16. What is your estimate of the increased acreage of this crop in the county as the result of the agent's influence? 4
- | | |
|-----------------------------|------------------------------------|
| First year's increase _____ | Give increase by year if possible. |
| Second " " _____ | Third year's increase _____ |
| | Fourth " " _____ |

HAY, FORAGE OR COVER CROPS.

R. T. F. Washington,

Roanoke, Va.

(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.

- Number of demonstrators 3
- Number of demonstrators reporting 3
- Total acreage in this crop grown under improved methods on demonstrations 3
- Average yield per acre on demonstrations 1 1/2 tons of cured hay
- Number of acres cut for hay 3
- Increased yield of demonstrations over ordinary methods _____ (tons-cured hay)
- Number of acres grazed off _____
- Estimated value per acre of grazing \$ _____
- Number of cooperators 2 Acreage 1 1/4 field per acre cured hay (tons) 1 1/2
- How many acres of legumes in this class of crops were inoculated? 1/2
- How many farmers ordered inoculating material through you from the Dept? 1
- How many demonstration acres were turned under for soil improvement purposes? _____
- Estimate total number of acres in county turned under by agent's advice _____
- How many acres were sown this fall? 2 1/2
- Estimate acreage grown in county before county agent's work started 12
- What is your estimate of the increased acreage of this crop in the county as the result of the agent's influence? 3

First year's increase _____	Give increase by year if possible.
Second " " _____	Third year's increase <u>3</u>
Fourth " " _____	Fourth, " <u>3</u>
	<u>1 1/2</u>

(FOR SPRINGS, INCIDENTS, SPECIAL REPORTS, ETC., USE OTHER SIDE AND ADDITIONAL SHEETS IF NECESSARY.)

1 plot of one acre failed and was reseeded again this year.
1 plot of 4 acres failed with the exception of 1/2 acre.
8 1.4 tons harvested from plots.

HAY, FORAGE OR COVER CROPS.

E. S. F. Washington,
Roanoke, Va.

(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.)

Mixed Hay

DEMONSTRATION.

ENTER HERE THE NAME OF CROP - SEPARATE SHEET FOR EACH.

1. Number of demonstrators 2
2. Number of demonstrators reporting 2
3. Total acreage in this crop grown under improved methods on demonstrations 7
4. Average yield per acre on demonstrations 1 1/4 tons of cured hay
5. Number of acres cut for hay 7
6. Increased yield of demonstrations over ordinary methods 1/4 (tons cured hay)
7. Number of acres grazed off 1
8. Estimated value per acre of grazing \$ 5.00
9. Number of cooperators 1 Acreage 1 Yield per acre cured hay (tons) _____
10. How many acres of legumes in this class of crops were inoculated? _____
11. How many farmers ordered inoculating material through you from the Dept? _____
12. How many demonstration acres were turned under for soil improvement purposes? _____
13. Estimate total number of acres in county turned under by agent's advice _____
14. How many acres were sown this fall? 1
15. Estimate acreage grown in county before county agent's work started _____
16. What is your estimate of the increased acreage of this crop in the county as the result of the agent's influence? 9

First year's increase _____	Give increase by year if possible.
Second " " _____	Third year's increase _____
	Fourth " " <u>1</u>

SUMMER LEGUMES.
(COWPEAS, SOY BEANS, VELVET BEANS, PEANUTS, ETC.)

E. H. F. Washington,

Roxbury, Va.

SOY BEANS

DEMONSTRATION.

ENTER HERE THE NAME OF CROP - SEPARATE SHEET FOR EACH

- Number of demonstrators 1
- Number of demonstrators reporting 1
- Total acreage of this crop grown under improved methods on demonstration farms 2
- Average yield per acre on demonstrations -
Seed (bushels) _____, Cured hay (tons) 1 1/2
- Increased yield on demonstrations over ordinary methods -
Seed (bushels) _____, Cured hay (tons) _____
- Number of cooperators 1, Acreage 1, Yield per acre -
Seed (bushels) _____, Cured hay (tons) 1 1/2
- Total acreage of demonstrators and cooperators threshed for seed _____
- Total acreage of demonstrators and cooperators cut for hay 3
- Number of acres grazed off _____; Estimated value per acre of grazing \$ _____
- Total number of acres turned under for soil improvement _____
- Total number of acres inoculated _____ by Department cultures _____
by inoculated soils _____
- Give estimate of the number of acres in your territory which were planted to this crop due to your influence 3
- If possible give the increase by years -
First year's increase _____ acres Third year's increase _____ acres
Second " " _____ acres Fourth " " _____ acres

(FOR REMARKS, INCIDENTS, SPECIAL REPORTS, ETC., USE OTHER SIDE, AND ADDITIONAL SHEETS IF NECESSARY.)

SUMMER LEGUMES.
(COWPEAS, SOY BEANS, VELVET BEANS, PEANUTS, ETC.)

COWPEAS

DEMONSTRATION.

ENTER HERE THE NAME OF CROP - SEPARATE SHEET FOR EACH.

1. Number of demonstrators 11
2. Number of demonstrators reporting 8
3. Total acreage of this crop grown under improved methods on demonstration farms 15
4. Average yield per acre on demonstrations -
Seed (bushels) _____, Cured hay (tons) 1 1/4
5. Increased yield on demonstrations over ordinary methods -
Seed (bushels) _____, Cured hay (tons) 1/2
6. Number of cooperators 50, Acreage 285 Yield per acre -
Seed (bushels) _____, Cured hay (tons) 1
7. Total acreage of demonstrators and cooperators threshed for seed _____
8. Total acreage of demonstrators and cooperators cut for hay 285
9. Number of acres grazed off _____; Estimated value per acre of grazing \$ _____
10. Total number of acres turned under for soil improvement 35
11. Total number of acres inoculated _____ by Department cultures _____
by inoculated soils _____
12. Give estimate of the number of acres in your territory which were planted to this crop due to your influence 300
13. If possible give the increase by years -
First year's increase 50 acres Third year's increase 50 acres
Second " " 50 acres Fourth " " 50 acres

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(FOR MARKS, INCIDENTS, SPECIAL REPORTS, ETC., USE OTHER SIDE, AND ADDITIONAL SHEETS IF NECESSARY.)
decrease 50

The price of Corn for seed was more than doubled this year.-hence some farmers could not seed as many acres as desired. The season was unfavorable to corn and crops will average not over 60% normal.

263 acres aggregated 288 tons cured hay. Estimated 50 Bu. seed saved.

SUMMER LEGUMES.
(COWPEAS, SOY BEANS, VELVET BEANS, PEANUTS, ETC.)

Cowpeas and Millet

DEMONSTRATION.

ENTER HERE THE NAME OF CROP - SEPARATE SHEET FOR EACH.

1. Number of demonstrators _____
2. Number of demonstrators reporting _____
3. Total acreage of this crop grown under improved methods on demonstration farms _____
4. Average yield per acre on demonstrations -
Seed (bushels) _____, Cured hay (tons) _____
5. Increased yield on demonstrations over ordinary methods -
Seed (bushels) _____, Cured hay (tons) _____
6. Number of cooperators 4, Acreage 7, Yield per acre -
Seed (bushels) _____, Cured hay (tons) 1
7. Total acreage of demonstrators and cooperators threshed for seed _____
8. Total acreage of demonstrators and cooperators cut for hay _____
9. Number of acres grazed off _____; Estimated value per acre of grazing \$ _____
10. Total number of acres turned under for soil improvement _____
11. Total number of acres inoculated _____ by Department cultures _____
by inoculated soils _____
12. Give estimate of the number of acres in your territory which were planted to this crop due to your influence 7
13. If possible give the increase by years -
First year's increase _____ acres Third year's increase _____ acres
Second " " _____ acres Fourth " " _____ acres

(FOR MARKS, INCIDENTS, SPECIAL REPORTS, ETC., USE OTHER SIDE, AND ADDITIONAL SHEETS IF NECESSARY.)

Total number of tons mixed number hay-12

POTATOES.
(SWEET OR IRISH)

SPACE FOR AGENT'S STAMP.

R. F. Washington,
Boxbury, Va.

IRISH

1. Number of demonstrators 4
2. Number of demonstrators reporting 3
3. Total acreage of potato demonstrations 3 2/3
4. Average yield per acre on demonstrations (bushels) 127
5. Estimate number of acres treated for diseases, insects and pests, due to your influence 1 1/3
6. Estimate number of acres worked by improved methods due to your advice 15
7. Estimate number of acres in potatoes when agent's work started 40 Nov 55
8. Estimate number of acres increased due to county agent's work 15
9. How have you been able to assist in marketing the crop? Yam little was
been done in marketing potatoes as they are grown chiefly for home use.

(FOR RECORDS, INCIDENTS, SPECIAL REPORTS, ETC., USE OTHER SIDE, AND ADDITIONAL SHEETS IF NECESSARY.)

ORCHARDS.

E. F. Washington,
Roxbury, Va.

1. Number of demonstration home orchards _____
 Kind: Apple _____ Peach _____ (etc.)
2. Total number of trees in these demonstrations _____
 Give statement of results on reverse side.
3. Number of orchards inspected - - - - - 2 No. trees 35
4. Number of orchards pruned due to your influence - 8 No. trees 300
5. Number of orchards sprayed due to your influence - _____ No. trees _____
6. Number of peach orchards wormed due to your influence _____ No. trees _____
7. Number of orchards planted due to your influence _____ No. trees _____
- TOTAL 10 335
8. How many commercial orchards have you assisted in caring for? _____
9. How many trees did you actually spray? _____, pruned 25, worm _____.
10. Report of special campaigns, results, etc.

HORSES

1. Give number of pure blood stallions _____, and jacks _____, brought into the county this year due to your influence.
2. Give number of brood mares brought in due to your influence _____
3. Give number of demonstrations in feeding horses or mules _____
4. Give number of horses or mules in these demonstrations _____
(Give results under "Remarks".)
5. Give number of horses or mules fed and cared for according to methods you have advocated _____
6. Give number of pure blood stallions in county when demonstration work started _____, Number now _____
7. Give number of pure blood jacks in county when demonstration work started _____, Number now _____

No special work is done with horses and mules. A pure bred Percheron Stallion made the season in the county this year and a few farmers use him on their mares. A local Stallion weighing 1250 lbs. was used also. Altho a cross bred he is preferred by farmers than the light weight Stallion used in former years. 8 colts are being raised.

DAIRY CATTLE.

1. How many head of pure bred dairy stock have been brought into the county through your influence? Bulls _____, Cows or Heifers _____.
2. How many grade dairy cows have been brought into the county for breeding purposes through your influence? _____
3. How many cows have been tested at your instance to determine the profitable milk producers? _____
4. Do you carry or own a Babcock tester? _____
5. How many farmers have been induced to feed a better balanced ration to their stock? _____ How many head of stock so fed? _____
(Give results under "Remarks")
6. How many demonstrations in dairy work have you supervised? _____
7. How many cows in these demonstrations? _____ (Give results under "Remarks")
8. How many new creameries established this year due to your influence? _____
9. How many pure bred dairy bulls in the county when county agent work was started? _____ How many now? _____
10. How many pure bred dairy cows in the county when county agent work was started? _____ How many now? _____
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 under your influence? _____
13. How many dairy breeders' " " " " " " _____

(FOR REMARKS, INCIDENTS, SPECIAL REPORTS, ETC., USE OTHER SIDE, AND ADDITIONAL SHEETS IF NECESSARY.)

No special work has been done in dairying- farmers have been urged to grow better feed for their cows. to winter on and especially compea hay.

Seven acres of rye were grazed and one farmer states that his cows produced as much milk as when grazed on crimson clover. Said he could seed rye cheaper than clover and would increase acreage of rye.

Three improved Holstein bull calves were brought in the county, establishing three breeding centers. Eight calves were dropped of which five heifers are being raised

BEEF CATTLE.

1. How many head of pure blood beef cattle have been brought in this year through your influence? Bulls _____, Cows or heifers _____
2. How many head of grade cows have been brought in for breeding purposes through your influence? _____
3. How many beef breeding herds were started, due to your influence? _____
4. How many head of feeding cattle have been brought in through your influence? _____
5. How many beef feeding demonstrations did you supervise? _____
6. How many cattle in these demonstrations? _____
7. Do 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")
8. Estimate the number of beef cattle cared for according to methods which you advocated.
Number of cattle where methods were wholly followed _____
" " " " " partially " _____
(Give results of these methods and special campaigns along beef cattle lines under "Remarks")
9. Number of beef cattle breeders' associations or clubs formed _____
Number of members _____
10. Number of pure blood beef bulls in county when demonstration work started _____; Number now _____
11. Number of pure blood beef cows in county when demonstration work started _____; Number now _____
12. Give increase in shipments of beef cattle from the county by years since demonstration work started; _____

DIPPING VATS.

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

1st year's increase _____	3rd year's increase _____
2nd " " _____	4th " " _____

SPACE FOR AGENT'S STAMP
H. V. Washington,

Roanoke, Va.

H O G S .

1. How many head of pure blood hogs have been brought in this year due to your influence? 4 Boars 3 Sows or gilts 1
2. How many extra head of pure blood and grade sows have been bred, due to your influence? 8
3. How many herds have been started? 3
4. How many hog feeding demonstrations did you supervise? 3
5. How many hogs in these demonstrations? 12
6. On how many of these demonstrations were records kept? 2
(Give results in dollars, rate of gain, amount and cost of gain, total profit, detailed statements of productions, etc., and attach hereto.)
7. Give number of farmers, number of hogs and results of "hogging off" or grazing of crops, in same manner as above.
8. How many hog pastures have you induced farmers to start? 5
9. Give number of farmers induced to start the growing of grazing crops for hogs 3
10. Estimate number of hogs fed or cared for according to methods which you advocated 12
11. Give number of pure blood boars when demonstration work started Now 4
12. " " " hogs in county " " " " 700 Now 1000
13. Give increase in shipment of hogs from the county by year since demonstration work started No shipping of any consequence made.

(FOR REMARKS, INCIDENTS, SPECIAL REPORTS, ETC., USE OTHER SIDE, AND ADDITIONAL SHEETS IF NECESSARY.)

Two farmers brought in two hogs- 1 duroc boar and 1 duroc sow for joint breeding. Sow became ill and had to be killed.

Dem. W. H. Cotman, Roxbury will have 1200 lbs. meat.

W. L. Cotman,	"	"	800	"
J. T. Moss,	"	"	800	"
A Williams,	"	"	800	"
W. A. Wallace	"	"	700	"

Twenty five farmers will harvest 15000 lbs.

twenty farmers will have supply for the year.

SHEEP AND GOATS

DEMONSTRATION

SPECIFY IF SHEEP OR GOATS. SEPARATE SHEET FOR EACH

1. How many head of pure bred rams have been brought into the county through your influence? _____; How many ewes? _____
2. How many grade ewes have been brought into the county for breeding purposes due to your work? _____
3. How many flocks have been started? _____
4. How many sheep feeding demonstrations did you supervise? _____
5. How many sheep in these demonstrations? _____
6. On how many of these demonstrations were records kept? _____
(Give statement of production in dollars, rate, amount and cost of gain, profit, etc., and attach hereto)
7. Give results of grazing of crops in same manner as above.
8. Number of farmers induced to grow grazing crops for sheep _____
9. Estimated number of sheep fed or cared for according to methods which you advocated _____
10. Number of pure blood rams in county when demonstration started _____, Now _____
11. " " " " sheep " " " " " _____, Now _____
12. Give results of campaign for more sheep, eradication of dogs, etc., under "Remarks".
13. Give increase in shipments of sheep from county by years since work started

POULTRY.

1. How many poultry demonstrations? 2
2. Number of each kind of poultry grown and cared for according to methods which you advocate.

Chickens 100Turkeys Ducks Geese Guineas

3. On how many farms has poultry management been improved as a result of your work? 4. Number of birds on these farms 150
4. Do you give advice on poultry diseases? YES (Give results under "Remarks")
5. How many farmers have you induced to produce non fertile eggs?
6. Give number of eggs produced ; Average price (doz.) \$
7. How many communities are raising same kind of poultry?
8. Are poultry products collected on cream routes?

Most of the trouble with poultry is caused by poorly ventilated, lice and mite infested houses. I advise better ventilated and better constructed houses. Advise burning birds which hatched from diseased and disinfecting houses and premises. also administering Epsom Salts when cholera is prevalent.

**LIVE STOCK
DISEASES AND PESTS.**

1. How many head of stock have you or other extension workers induced farmers to have treated for diseases or pests? 16

Cattle treated for blackleg , anthrax or charbon ,
 " " " tuberculosis , ticks , lice ,
 " " " digestive and other troubles .
 (Give results under "Remarks")

Hogs treated for cholera (single treatment) - - ,
 " " " (simultaneous treatment) - - ,
 " " " worms , lice , mange - - ,
 " " " digestive and other troubles - - .
 (Give results under "Remarks")

Sheep treated for stomach worms , grubs , scab ,
 " " " ticks , Digestive and other
 (Give results under "Remarks") troubles .

Horses treated for spinal meningitis , distemper ,
 " " " digestive ailments , accidents ,
 " " " anthrax or charbon , other
 (Give results under "Remarks") troubles .

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

Cattle: Blackleg , Anthrax or Charbon ,
 Tuberculosis

Hogs: Hog cholera

Horses: Anthrax or Charbon

3. Have you instruments for such treatments?
4. Give results of campaigns for eradication or control of diseases or pests.
5. Have you assisted in any way in the control of foot-and-mouth disease; if so, how?

Two mules and one cow examined for lice. One mule sprayed. Hogs infested with worms fed Salvet according to directions with good results.

Hogs sprayed for lice with a mixture of kerosene and lubricating oil.

H. E. S. Washington,
 Roxbury, Va.

FERTILIZER.

1. How many farmers have you advised regarding proper use of fertilizers? 5
2. How many fertilizer demonstrations are the farmers conducting with you? _____
3. How much fertilizer used on such demonstrations? _____ (tons)
4. How many communities have you influenced to buy fertilizers cooperatively? _____

Quantity bought cooperatively - - - - - (tons)

Value of fertilizer bought cooperatively - \$ _____

Amount saved - - - - - \$ _____

5. Number of farmers home-mixing fertilizer on your advice _____
6. Estimated saving per ton to farmers \$ _____
7. Number of farmers who top-dressed crops with fertilizer at your suggestion _____

The advice given farmers about fertilizer was regarding the kind, amount and method of applying. 3 tons of fertilizer was used accordingly.

MANURE.

1. How many farmers have you induced to take better care of farm manure? 10
2. How many have provided manure sheds at your suggestion? 1
3. How many are composting farm manure and waste products? 2
4. How many manure spreaders are in the county? _____
5. How many have you helped to place? _____
6. How many farmers are using phosphates or other material for reinforcing farm manure? _____
7. Estimated quantity of farm manure now being saved in your territory 1899 (tons).

On fifteen farms the stables, barnyards and hogpens are better supplied with leaves, straw and pine needles.

SILOS.

1. How many silos built in county this year? _____
2. How many silos built as a result of your advice? _____
3. How many silos were in county when county agent's work was started? _____
How many in county now? _____
4. Of the number of silos in county now there are:
Tile _____, Cement _____, Stave _____, Stone _____, Other _____
5. Give growth in number of silos by years:
First year _____ (19__)
Second year _____ (19__)
Third year _____ (19__)
Fourth year _____ (19__)

D. E. F. Washington,

Boxbury, Va.

L I M E .

1. Number of farmers using lime due to your influence 18
2. Quantity used due to your influence 55 (tons)
 Burned lime _____ (tons), Limestone or its equivalent 55 (tons)
3. Number of acres treated first year of demonstration work (19...)
4. " " " " second " " " " (19...)
5. " " " " third " " " " = 20 (19 14)
6. " " " " fourth " " " " = 51 (19 13)
7. " " " " fifth " " " " = 8 (19 16)
- Total - - - - 151
8. Number of local sources of lime developed _____
9. Number of lime crushers installed as a result of your work _____
10. Number of lime kilns built as a result of your work _____

ORGANIZATION.

1. How many farmers' clubs have you assisted in organizing? 7
2. Give total membership of these clubs 98
3. Give the name and address of each club and state briefly the object of each.
(Use other side if additional space is necessary)
- Little Elm, Roanoke, Va. Keystone, Ruffin, Va. Roanoke, Roanoke, Va.
Union, Ruffin, Va. Oldfield, Holdcroft, Va. Waterloo, Roanoke, Va. 18
-
4. Is there a central county organization composed of delegates from the local clubs? _____
5. Is there any central county organization supporting your work? _____
If so, what is it called? _____
Who may be members of the central organization? _____
6. What other organizations of farmers or business men cooperate with or support your work? County Board of Supervisors.
7. State the quantity of each farm product bought or sold by these organizations and the approximate saving to the farmer Tobacco Club.
Purchased 55 lb. oats saving 11 cts. per bu. -- 55 tons limestone
saving \$3.30 per ton.
8. Have you attempted to keep a bulletin board in your office, listing things for sale and things wanted? no

(FOR REMARKS, INCIDENTS, SPECIAL REPORTS, ETC., USE OTHER SIDE AND ADDITIONAL SHEETS IF NECESSARY.)

The object of these clubs is community development along all lines.

A county council of Safety was founded to cooperate with the white council of safety of the county and the state council of safety.

A canning club was formed in one community and turned over to the Supervising teacher. twelve dozen glass jars were purchased at a saving of 24 cts. a doz.

**FARM AND FARMSTEAD
IMPROVEMENTS.**

THINGS DONE WITH AGENT'S ASSISTANCE AND ADVICE.

1. Number of buildings erected 7
2. Number of farm buildings improved 3
3. Number of new building plans furnished _____
4. Number of farm buildings painted or whitewashed 53
5. Number of home water systems installed or improved 2
6. Number of home water systems in county before demonstration work started _____
Number now _____
7. Number of home lighting systems installed _____
8. Number of home lighting systems in county before demonstration work started _____
Number now 1
9. Number of home grounds improved 2
10. Number of farm and home sanitary conditions improved 100
11. Number of homes screened against flies and mosquitoes 15
Number of fly traps installed _____
12. Number of sanitary privies erected 2
13. Number of telephone systems installed _____
14. Number of farmers furnished plans and induced to adopt a systematic rotation _____
15. Total acreage of such rotations _____
17. Crops commonly used in these rotations:

No special rotations have been started - so farmers are using a better system of cropping their farms

In connection with the improvement of sanitary conditions a Campaign for better health was conducted. One sermon was preached on health and a health talk given at the little Elm church during Clean up Week. 100 homes, 75 yards, 15 yards and barnyards, 5 school houses and yards were cleaned. - 32 houses- 3 churches- and 1 schoolhouse whitewashed and painted and 18 barns and outhouses whitewashed. Ten health talks were made at churches and schools and 20 health bulletins distributed. No blue print plans furnished for buildings. One bn. is planning and laying off 30 x40 ft. barn which is almost completed.

17. Number of new pastures established _____
18. Number of old pastures renovated _____ Acreage _____
19. Number of drainage systems established in county _____
20. Number of farmers induced to drain all or part of their farms _____
21. Number of such acres drained - by tile _____ - by ditch _____
22. Number of farmers induced to remove stumps _____ Acreage _____
23. Number of farmers induced to terrace their sloping lands _____ Acreage _____
24. Number of home gardens planted or improved 80
25. Number of farmers induced to save surplus farm products for winter use _____
26. Number of road improving demonstrations assisted in _____
27. Number of miles of improved roads resulting therefrom _____
28. Number of farmers who planted cover crops to be turned under _____
29. Number of acres in each kind of cover crop:
- | | |
|------------|---------------|
| Crop _____ | Acreage _____ |
| Crop _____ | Acreage _____ |
| Crop _____ | Acreage _____ |
| Crop _____ | Acreage _____ |
30. Number of new implements and tools bought:
- | | | | |
|------------------------------|--------------------|-------------------------------------|----------|
| Binders <u>1</u> | Mowers <u>1</u> | Hay rakes <u>1</u> | |
| Hay presses _____ | Grain drills _____ | Ensilage cutters _____ | |
| Gas engines _____ | Disk harrows _____ | Cream separators _____ | |
| Cultivators: two horse _____ | one horse _____ | Small tools _____ | |
| Spraying machines _____ | Etc. <u>1</u> | Wagons, Buggies and autos. <u>2</u> | <u>3</u> |

**MISCELLANEOUS
DEMONSTRATION WORK.**



- | | | | |
|---|---------------------------|-------------|--|
| | REGISTRATIONS | 231 | |
| | COOPERATORS | 130 | |
| 1. Number of visits by agent to | OTHER FARMERS | 20 | |
| | BUSINESS MEN | 38 | |
| | BOYS & GIRLS CLUB MEMBERS | 60 | |
| 2. Number of miles traveled | (Railroad) | 129 | |
| | (Team) | 1345 | |
| | (Otherwise) | 202 | Total 1973 |
| 3. Calls on agent relative to work at office or home | (Personal) | 19 | |
| | (Telephone) | | |
| 4. Number of farmers' meetings held under auspices of Agent
or Extension Division | | 11 | |
| 5. How many meetings of all kinds did you address? | | 50 | |
| 6. Total attendance at such meetings (Approximate) | | 3255 | |
| 7. How many field meetings held by you? | | | |
| 8. Total attendance at these meetings | | | |
| 9. What per cent of time spent at office work? | 30 | HOW DIVIDED | (CORRESPONDENCE) 25
(CONFERENCE) 2
(MISCELLANEOUS) 3 |
| 10. What per cent of time spent in field work? | 70 | HOW DIVIDED | (SUPERVISING REG. DEM.) 40
(OTHER FARM VISITS) 20
(AT MEETINGS) 7
(ASSISTED IN SHORT COURSE WORK) 3
(ORGANIZATION) 3 |
| 11. Number of official letters written | | | |
| 12. Number of articles relating to your work prepared for publication | | | |
| 13. Number of circular letters prepared by you and sent out
(Give list and copy of each if possible.) | | | |
| 14. Number of bulletins or circulars of U. S. Department of Agriculture
distributed | | | 231 |
| 15. Number of bulletins or circulars from State College or State
Department of Agriculture distributed | | | 20 |
| 16. Number of visits to schools relating to work | 11 | | 20 |

I assisted in the campaign for more food supply or production. Secured 13 members who signed pledges to grow some food supply and also conducted the campaign for the registration of women under the Hoover Food Administration-333 women were registered.

17. In how many schools did you assist in outlining an agricultural course? _____
18. How many Extension schools or short courses did you assist in? _____
19. Total attendance at these schools _____
20. Total number of days you were engaged in these schools _____
21. Number of farmers who attended short courses at college as a result of your effort _____
22. Number of boys attending Agricultural or other schools or colleges as result of club work _____
23. How many girls attended industrial or other schools as result of girls' club work? _____
24. How many times have you been visited by specialists from college or the Department? _____
25. Was there a county fair held in your county? yes
26. How many demonstrators, cooperators and club members had exhibits? 51
27. How many prizes won? 60
28. How many demonstrations have you in truck or small fruit? _____
29. Were they successful from a financial standpoint? _____
30. How many farmers in your county are keeping cost records at your instance?
Complete _____ Partial 25
31. How many farmers in your county are practicing fall plowing as result of county agent's work? 50
32. How many farmers are selecting seed? 17
33. How many farmers are growing any kind of improved seed for sale? 5
34. How many seed lots have been improved at your suggestion? _____
35. How many farmers in your county have been influenced to grow sugar cane or sorghum for syrup? 2

Two farmers planted cane for molasses but cane was not ground.

Our county fair this year was the best we have ever had notwithstanding the adverse cropping conditions. More care was exhibited by the farmers in selecting their goods. The goods exhibited comprised, sweet potatoes, cowpeas and cowpea hay, oat hay and soy bean hay-clover mixture hay, cowpea and millet hay, alfalfa, sorghum, blade fodders, squash, beets, turnips, pumpkins, cabbage, celery, parsley, onions, wheat, oats, rye, blackeyes, New era, crowder and lion cowpeas, butter beans, and seeds. Also 14 varieties of canned goods, preserves and pickles. 54 prizes were given on the canned goods and est.

**EFFECT OF DEMONSTRATION
WORK ON THE COMMUNITY AND
HUMAN INTEREST FEATURES.**

(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 of 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? 30
2. Have opened new bank accounts since beginning demonstration work? _____
3. Have increased their bank deposits since beginning demonstration work? _____
4. Own their farms? 22%
5. Have mortgages on their farms? _____
6. Have paid off their mortgages since beginning demonstration work? _____
7. Trading on a cash basis since beginning demonstration work? _____
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. Our most progressive farmers are pioneers in the New York. Their credit is good with bankers and merchants.

WHAT PER CENT OF YOUR DEMONSTRATORS AND FARMERS ARE:

9. Decreasing their indebtedness along various lines? _____
10. Showing increased interest in agricultural meetings? 10

11. Showing a desire to study their farm business and progress? 30
12. What additional industries have been established in your territory since demonstration work was begun? Timber business increased.
13. What other signs of progress are apparent as a direct, or indirect, result of demonstration and extension work? Better roads-churches- schools and more stores.
14. In how many instances among your demonstrators and cooperators have labor saving devices for the home been installed?
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:
- Houses remodeled- white washed and painted. Organs and Pianos installed- children better clothed. Bunnies and suits purchased. More money raised for school improvement and more money contributed to church.

BOYS' AND GIRLS' CLUBS.

E. K. E. Washington,
Roxbury, Va.

How long has the Club Work been in your county? 3 yrs.

List the various kinds of clubs organized, and state the enrollment in each, number reporting, average yield, number and value of prizes.

KIND OF CLUB	ENROLLMENT	NO. REPORTING	AVERAGE YIELD	NO. OF PRIZES	VALUE OF PRIZES
Corn	11	9	34	5	\$ 6.00
Compass	7	4	1/2 tons hay	1	\$.25
					\$
					\$
					\$
					\$
					\$
					\$
					\$
					\$
					\$