

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 1916

USE DECEMBER 31, 1916

STATE Virginia COUNTY Nelson
REPORT OF J. A. Withers COUNTY AGENT.

FROM JANUARY 1, 1916, TO DECEMBER 31, 1916.

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 of 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 adhered to, you should have no difficulty in rendering your annual report upon the forms which are herewith submitted. 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 or observations or points of interest as may be useful should be briefly written out. 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 final 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 & Paras.

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.

CORN.

(INCLUDING KAFIR, MILO, FETERITA)
SEPARATE SHEET FOR EACH.

C.E.S. NO. 922 A

Roseland No

(Agent's Headquarters)

T. A. Wilkes

(Name of Agent)

1. Number of demonstrators 15
2. Number of demonstrators reporting 12
3. Total acreage of corn grown under improved methods on demonstration farms 80
4. Average yield per acre on demonstrations (bushels) 56
5. Increased yield on demonstrations over ordinary methods 14
6. Number of cooperators 7 Acreage 21 Yield per A. 42 bu.
7. Number who planted pure or selected seed on their demonstrations 4
8. Number of farmers you have influenced to select seed for next year's crop 20. Estimated amount of seed selected 45 bu.
9. Number who fall plowed their demonstration acres 6
10. Number who turned under cover crops on their demonstration acres 10
11. State number of acres harvested for silage, 60 Yield per A. 9½ tons.
12. State number of acres "hogged down" _____ Value per acre when utilized this way \$ _____
13. State 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? 80 Estimate
15. Estimate total number of farmers in county who have been influenced to use better methods in corn growing since county agent work started 1000
16. What per cent is this of total number of farmers in your county? _____

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

I have succeed in getting more
farmers to select seed corn
in the field this year than
usual but the corn crop
wasnt very good this year we
hope to have seed enough to
sell the farmers who did not
select his seed

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 _____
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 ^{or} turned under cover crops on their demonstration acres? _____
11. State the number of acres treated for diseases or insect pests _____
12. How many farmers have you influenced to use better methods in cotton growing 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 has been reached? _____
15. Have you been able to get the farmers in any community to grow but one variety of cotton? _____ Give particulars _____

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

TOBACCO.

1. Number of demonstrators _____
2. Number of demonstrators reporting _____
3. Total acreage in demonstration _____
4. Average yield per acre (pounds) _____
5. Increased yield of demonstrations over ordinary methods _____
6. How many farmers have you induced to plant pure or selected seed? _____
7. How many farmers have you induced to field select seed for next year's crop? _____
8. How many fall plowed their demonstration acres? _____
9. How many turned under cover crops on their demonstration acres? _____
10. How many tobacco farmers did you influence to adopt a rotation system? _____
11. State the number of acres treated for insect pests _____
12. Estimate the total number of acres in your county which were worked by improved methods due to the county agent's influence _____

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

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

SPACE FOR AGENT'S STAMP.

EDOS A. WITTEBERG,
County Agent,
ROSELAND, VIRGINIA

Wheat

DEMONSTRATION.

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

1. Number of demonstrators 10
2. Number of demonstrators reporting 6
3. Total acreage in this crop grown under improved methods on demonstration farms 40
4. Average yield per acre on demonstration farms (bushels) 22
5. Increased yield on demonstrations over ordinary methods (bushels) 7
6. Number of cooperators 4 Acreage 33 Yield per acre (bushels) 15
7. Number of demonstration acres threshed for grain 40 Yield per A. bu. 22
8. Number of demonstration acres cut for hay 0
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 _____ Estimate value per acre \$ _____
12. Number of acres turned under for soil improvement _____
13. How many acres were treated for insect pests? ~~24~~
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? _____
16. Estimate total number of farmers in your territory who have been influenced to grow this crop since county agent's work started? _____
17. What per cent. of ⁰this 13 the total number of farmers in the county? _____

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

Some of the farmers saw
the County have been having
right much trouble With
smut in their Wheat I
have gotten several to use
the Fomalekide treatment on
their seed this fall

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

WALTER A. WATKINS
COUNTY AGENT
BOBOLAND, VIRGINIA.

Oats

DEMONSTRATION.

ENTER HERE THE NAME OF CROP - SEPARATE SHEET FOR EACH

- Number of demonstrators *5*
- Number of demonstrators reporting *4*
- Total acreage in this crop grown under improved methods on demonstration farms *24*
- Average yield per acre on demonstration farms (bushels) _____
- Increased yield on demonstrations over ordinary methods (bushels) _____
- Number of *5* operators _____ Acreage _____ Yield per acre (bushels) _____
- Number of demonstration acres threshed for grain _____ Yield per A. bu. _____
- Number of demonstration acres out for hay *24*
- Average yield of cured hay per acre on demonstrations (tons) *4 Estimated*
- Increase per acre of cured hay on demonstrations over ordinary methods (tons) *1*
- Number of acres grazed off _____ Estimate value per acre \$ _____
- Number of acres turned under for soil improvement _____
- How many acres were treated for insect pests? * _____
- How many bushels of seed were treated for smut, rust, etc? _____
- How many farmers have you induced to plant this crop for the first time? _____
- Estimate total number of farmers in your territory who have been influenced to see this crop since county agent's work started! _____
- What per cent is this of the total number of farmers in the county? _____

* NOTE: WHEN "REMARKS" STATE THE NATURE AND RESULTS OF TREATMENT OF DISEASE FROM INSECT PESTS.

USE OTHER SIDE OF SHEET FOR THIS.

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

SPACE FOR AGENT'S STAMP

THOS. A. WHEELER,
DEMONSTRATOR,
ROSELAND, VIRGINIA.

Rye

DEMONSTRATION.

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

- Number of demonstrators 14.
- Number of demonstrators reporting 9.
- Total acreage in this crop grown under improved methods on demonstration farms 70.
- Average yield per acre on demonstration farms (bushels) 20.
- Increased yield on demonstrations over ordinary methods (bushels) 6.
- Number of cooperators _____ Acreage _____ Yield per acre (bushels) _____
- Number of demonstration acres threshed for grain _____ Yield per A. bu. _____
- Number of demonstration acres cut for hay _____
- Average yield of cured hay per acre on demonstrations (tons) _____
- Increase per acre of cured hay on demonstrations over ordinary methods tons _____
- Number of acres grazed off _____ Estimate value per acre \$ _____
- Number of acres turned under for soil improvement 30.
- How many acres were treated for insect pests? * _____
- How many bushels of seed were treated for smut, rust, etc? _____
- How many farmers have you induced to plant this crop for the first time? 6
- Estimate total number of farmers in your territory who have been influenced to sow this crop since county agent's work started? _____
- What per cent of this is the total number of farmers in the county? _____

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

The acreage seeded to rye
this fall was larger than
usual farmers are getting to
use it more every year when
they fail to get a earlier corn
crop on their land

HAY, FORAGE, OR COVER CROPS.

W. A. WITMER,
 Librarian,
 WASHINGTON, VIRGINIA

(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, Crispus 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 the space below.)

Crimson Clover DEMONSTRATION.

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

- Number of demonstrators 10
- Number of demonstrators reporting 6
- Total acreage in this crop grown under improved methods on demonstrations 40
- Average yield per acre on demonstrations _____
- Number of acres cut for hay _____
- Average yield per acre of cured hay (tons) _____
- Increased yield of demonstrations over ordinary methods _____
- Number of acres grazed off _____
- Estimated value per acre _____
- Number of operators _____ Acreage _____ Yield per acre (tons) _____
- How many acres of legumes were inoculated? 25-
- How many farmers ordered inoculating material through you from the Dept? 6
- How many demonstration acres were turned under for soil improvement purposes? 40
- Estimate total number of acres in county turned under by agent's advice 60
- How many acres were sown this fall? Very little
- Estimate acreage grown in county before county agent's work started 10
- What is your estimate of the increased acreage of this crop in the county as the result of the agent's influence? 70% Give increase by year if possible.
 First year's increase _____ Third year's increase _____
 Second " " _____ Fourth " " _____

The stand of crimson clover
is not very good on account of
the dry September the acreage
is also small on account of
dry weather

HAY, FORAGE, OR COVER CROPS.

(NOTE:— This form to be used for such crops as Alfalfa, Crimson, White, Red, Bur and Sweet Clovers, Leaneders, Vetch, Vetch and Oats - Wheat or Rye, Ormskirk 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 the space below.)

Clower Timothy + alfalfa DEMONSTRATION.

ENTER HERE THE NAME OF CROP - NUMBER OF ACRES

- Number of demonstrators 4
- Number of demonstrators reporting 0
- Total acreage in this crop grown under improved methods or demonstrations 12
- Average yield per acre on demonstrations 3 tons
- Number of acres cut for hay 12
- Average yield per acre of cured hay (tons) 3
- Increased yield of demonstrations over ordinary methods 1/2 ton
- Number of acres grazed off _____
- Estimated value per acre _____
- Number of cooperators _____ Acres _____ Yield per acre (tons) _____
- How many acres of legumes were inoculated most of alfalfa
- How many farmers ordered inoculating material through you from the Dept? 6
- 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? _____
- Estimate acreage grown in county before county agent's work started _____
- 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	_____	Third year's increase	_____
Second " "	_____	Fourth " "	_____

HAY, FORAGE, OR COVER CROPS.

W. W. WILKINS,
 Extension 2100,
 HOWLAND, VIRGINIA

(NOTE: This form to be used for such crops as Alfalfa, Crimson, Alsike, Red, Bur and Sweet Clovers, Leapedera, 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 the space below.)

Mixed grass

DEMONSTRATION.

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

- Number of demonstrators 6
- Number of demonstrators reporting 3
- Total acreage in this crop grown under improved methods on demonstrations 16
- Average yield per acre on demonstrations _____
- Number of acres cut for hay 16
- Average yield per acre of cured hay (tons) 2½ estimate
- Increased yield of demonstrations over ordinary methods 1 ton
- Number of acres grazed off _____
- Estimated value per acre _____
- Number of cooperators _____ Acreage _____ Yield per acre (tons) _____
- How many acres of legumes were inoculated? _____
- How many farmers ordered inoculating material through you from the Dept? _____
- 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? _____
- Estimate acreage grown in county before county agent's work started _____
- 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 _____	Third year's increase _____
Second " " _____	Fourth " " _____

HAY, FORAGE, OR COVER CROPS.

THIS IS A VERIFIED
 Copy of the
 DOWNSIDE VIRGINIA

(NOTE: This form to be used for such crops as Alfalfa, Crimson, Alsike, Red, Bur and Sweet Clovers, Leupoldens, Vetch, Vetch and Oats - Wheat or Rye, Crimson Clover and Oats - Sweet 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 the space below.)

Alfalfa

DEMONSTRATION.

ENTER HERE THE NAME OF CROP - SEPARATE SHEET FOR EACH

1. Number of demonstrators 3
2. Number of demonstrators reporting 0
3. Total acreage in this crop grown under improved methods on demonstrations 12
4. Average yield per acre on demonstrations _____
5. Number of acres cut for hay _____
6. Average yield per acre of cured hay (tons) 4
7. Increased yield of demonstrations over ordinary methods _____
8. Number of acres grazed off _____
9. Estimated value per acre _____
10. Number of cooperators 1 Acreage 4 Yield per acre (tons) 2
11. How many acres of legumes were inoculated? all
12. How many farmers ordered inoculating material through you from the Dept? 6
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. Estimate acreage grown in county before county agent's work started _____
17. 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 _____ Third year's increase _____
 Second " " _____ Fourth " " _____

SUMMER LEGUMES.

(CONPEAS, SOY BEANS, VELVET BEANS, PEANUTS, ETC.)

 U.S. DEPARTMENT OF AGRICULTURE
 BUREAU OF PLANT INDUSTRY
 WASHINGTON, D. C.

Cowpeas & Millet

DEMONSTRATION.

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

1. Number of demonstrators 10
2. Number of demonstrators reporting 6
3. Total acreage of this crop grown under improved methods on demonstration farms 60
4. Average yield per acre at demonstrations - Seed (bushels) _____
Cured hay (tons) 3 1/2
5. Increased yield on demonstrations over ordinary methods 1 1/2
6. Number of cooperators _____ Acreage _____ Yield per acre _____
7. Number of acres threshed for seed _____ Yield per acre _____
8. Number of acres cut for hay 60
9. Average yield per acre in tons of cured hay 3 1/2
10. Increased yield over ordinary methods 1 1/2
11. Number of acres grazed off _____ Estimated value of grazing \$ _____
12. Number of acres turned under for soil improvement _____
13. Total number of acres inoculated _____ by Department cultures _____
by inoculated soils _____
14. Give estimate of number of acres in your territory which were planted to this crop due to your influence 200
15. If possible give the increase by years -
 First year's increase _____ Third year's increase _____
 Second " " _____ Fourth " " _____

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

We like Cowspar and Millet
seeded together much better
than alone as the Millet
holds the feed up so the
Moose can get it and the
two together makes much
better hay than Millet alone

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

WITNESS
My Commission
GIVEN AT WASHINGTON
this _____ day of _____ 19____

Cowpeas

DEMONSTRATION.

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

- Number of demonstrators 20
- Number of demonstrators reporting 14
- Total acreage of this crop grown under improved methods on demonstration farms 100
- Average yield per acre on demonstrations - Seed (bushels) _____
Cured hay (tons) 3
- Increased yield on demonstrations over ordinary methods 1
- Number of cooperators _____ Acreage _____ Yield per acre _____
- Number of acres threshed for seed _____ Yield per acre _____
- Number of acres cut for hay _____
- Average yield per acre in tons of cured hay _____
- Increased yield over ordinary methods _____
- Number of acres grazed off _____ Estimated value of grazing \$ _____
- Number of acres turned under for soil improvement 40
- Total number of acres inoculated _____ by Department cultures _____
by inoculated soils _____
- Give estimate of number of acres in your territory which were planted to this crop due to your influence 300
- If possible give the increase by years -
First year's increase _____ Third year's increase _____
Second " " _____ Fourth " " _____

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

Soy Beans

DEMONSTRATION.

ENTER THE NAME OF CROP - SEPARATE SHEET FOR EACH.

1. Number of demonstrators 4
2. Number of demonstrators reporting _____
3. Total acreage of this crop grown under improved methods on demonstration farms 20 *Siddis in Corn*
4. Average yield per acre on demonstrations - Seed (bushels) _____
Cured hay (tons) _____
5. Increased yield on demonstrations over ordinary methods 9
6. Number of cooperators _____ Acreage _____ Yield per acre _____
7. Number of acres threshed for seed _____ Yield per acre _____
8. Number of acres cut for hay _____
9. Average yield per acre in tons of cured hay _____
10. Increased yield over ordinary methods _____
11. Number of acres grazed off _____ Estimated value of grazing \$ _____
12. Number of acres turned under for soil improvement _____
13. Total number of acres inoculated _____ by Department cultures _____
by inoculated soils _____
14. Give estimate of number of acres in your territory which were planted to this crop due to your influence 20
15. If possible give the increase by years -
First year's increase _____ Third year's increase _____
Second " " _____ Fourth " " _____

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

POTATOES.
(SHEET ON IRISH.)

Irish

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 of potato demonstrations $\frac{94}{70}$
4. Average yield per acre on demonstrations (bushels) 423
5. Estimate number of acres treated for diseases, insects and pests, due to your influence _____
6. Estimate number of acres worked by improved methods due to your advice _____
7. Estimate number of acres, in potatoes when agent's work started _____ Now _____
8. Estimate number of acres increased due to county agent's work _____
9. How have you been able to assist in marketing the crops? _____

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

ORCHARDS.

1. Number of demonstration home orchards 2
 Kind: Apple 1700 Peach _____ (etc.)
2. Total number of trees in demonstrations _____ Give results under "Remarks".
3. Number of orchards inspected 20 No. trees 6000
4. Number of orchards pruned due to your influence 3 No. Trees 900
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 6900
8. How many commercial orchards have you assisted in caring for? 3
9. How many trees did you actually spray? _____ Prune 15 Worm _____
10. Report of special campaigns, results, etc.

We have been doing some
work with the apple orchards
under the direction of Mrs S Ralston
of Blacksburg in one orchard
belonging to W M Boyd have been
fertilizing with Nitrate of soda
and he is very much pleased
with the results have also
done some high grafting for
Mr W. W. Massie of Sawesville
and saved several valuable
trees for him

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 _____ and jacks _____ in county when demonstration work started _____ Number now _____

DAIRY CATTLE

SPACE FOR AGENT'S SIGNATURE

THOS. A. WITHERS
Collaborator
ROSELAND, VIRGINIA

1. How many head of pure bred dairy stock have been brought into the county through your influence? Bulls 2 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? 30
4. Do you carry or own a Babcock tester? yes
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 when county agent's work started? 3
How many now? 10 cat
10. How many pure bred dairy cows when county agent's work started? 60
How many now? 60 cat
11. How many new cream routes established this year due to the influence of the agent's work? _____
12. How many cow testing associations established under your influence? _____
13. How many dairy breeders? " " " " " " _____

I have gotten enough farmers
interested in beef cattle this
year to get three more
pure bred bulls brought
in the county and think
we will get several more
in the near future.

DIPPING VATS.

THOS. A. WITHERS
 Collaborator
 ROANOK, VIRGINIA

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 " " _____

SHEEP AND GOATS

THOS. A. WILKINS
 CHRISTCHURCH
 HIGHLAND, VIRGINIA

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? _____ 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 results and 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. Give number of farmers induced to grow grazing crops for sheep _____
9. Estimate number of sheep fed or cared for according to methods which you advocated _____
10. Give number of pure blood rams when demonstration started _____ Now _____
11. " " " sheep in county " " " " _____ Now _____
12. Give results of campaign for more sheep, eradication of dogs, etc., under "Remarks".
13. Give increase in shipment of sheep from county by years since work started _____

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

POULTRY.

THOS. A. WITHERS
 Demonstrator
 ROSELAND, VIRGINIA

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

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

**LIVE STOCK
DISEASES AND PESTS.**

W. H. & W. H. HENRY,
Commissioners,
ROSELAND, VIRGINIA

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

Cattle treated for blackleg 272 Anthrax _____ 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 troubles _____

(Give results under "Remarks".)

Horses treated for spinal meningitis _____ distemper _____
 " " " digestive ailments _____ accidents _____
 " " " charbon _____ other troubles _____

(Give results under "Remarks".)

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

Cattle: Blackleg 272 Anthrax _____ Chs-bow _____ Tuberculosis _____
 Hogs: Hog cholera _____
 Horses: Charbon _____

3. Have you instruments for the purpose? yes
4. Give results of campaign 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? No

I have been called on night
Many times this year to vaccinate
Calves for farmers have vaccinated,
272 I feel that the farmer
Should do more of this work
himself but when I suggest
to him I will show him how
then let him do the work next
time he will say he hasn't the
proper instruments and I have
to do it for him every year

FERTILIZER.

TRIGGS & WITHERS,
 Celebrated,
 ROSELAND VIRGINIA.

1. How many farmers have you advised regarding proper use of fertilizers? 50
2. How many fertilizer demonstrations are the farmers conducting with you? _____
3. How much fertilizer used on them? _____
4. How many communities have you influenced to buy fertilizers cooperatively? _____

Amount bought cooperatively \$ _____

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

MANURE.

SPACE FOR AGENT'S STAMP

THOS. A. WATERS,
Collector,
ROSELAND, VIRGINIA.

1. How many farmers have you induced to take better care of farm manure? 100
2. How many have provided sheds at your suggestion? _____
3. How many are composting farm manure and waste products? _____
4. How many manure spreaders are in the county? 40 Estimate
5. How many have you helped to place? _____
6. How many farmers are using phosphate or other materials for reinforcing farm manure? _____
7. Estimate number of tons of farm manure now being saved in your territory _____

I can begin to get farmers
to spread their manure on
the land as soon as it comes
from the stables

SILOS.

THOS. A. WITHERS,
 COUNTY AGENT,
 HOSKLAND, VIRGINIA.

1. How many silos built in county this year? 12
2. How many silos built as a result of your advice? 6
3. How many silos were in county when county agent's work was started? 10
 How many in county now? 100 est

Title _____ Cement _____ Stone _____ Other _____

4. Give growth in number of silos by years:

First year _____

Second " _____

Third " _____

Fourth " _____

L I M E .

THOMAS WITTECK
 Geologist
 ROYLAND, VIRGINIA

1. Number of farmers using lime due to your influence 30
2. Number of tons used due to your influence 150
 Burned lime 100 Limestone or its equivalent 50
3. Number of acres treated first year of demonstration work _____
4. " " " " second " " " " _____
5. " " " " third " " " " _____
6. " " " " fourth " " " " _____
7. " " " " fifth " " " " _____
8. " " " " to date _____
9. Number of local sources of lime developed None
10. Number of lime crushers installed as a result of your work _____
11. Number of kilns built as a result of your work _____

ORGANIZATION.

THOMAS A. WITHERS,
 Collaborator,
 ROSELAND, VIRGINIA.

1. How many farmers' clubs have you assisted in organizing? _____
2. Give total membership of these clubs _____
3. Give the name and address of each club and state briefly the object of each.
 (Use other side if additional space is necessary.)

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? _____
6. What other organizations of farmers or business men cooperate with or support your work? _____
7. State the quantity of each farm product bought or sold by these organizations and the approximate saving to the farmer _____

8. Have you attempted to keep a bulletin board in your office, listing things for sale and things wanted? _____

**FARM AND FARMSTEAD
IMPROVEMENTS.**

THOS. A. STUBBS,
Co-ordinator
ROSELAND, VIRGINIA

THINGS DONE WITH AGENT'S ASSISTANCE AND ADVICE.

1. Number of buildings erected _____
2. Number of farm buildings improved _____
3. Number of new building plans furnished _____
4. Number of farm buildings painted or whitewashed _____
5. Number of home water systems installed or improved 2
6. Number of home water systems in county before demonstration work started 10
 Number now _____
7. Number of home lighting systems installed _____ 100
 Number now _____ Est
8. Number of home lighting systems in county before demonstration work started _____
 Number now _____
9. Number of home grounds improved _____
10. Number of farm and home sanitary conditions improved _____
11. Number of homes screened against flies and mosquitoes _____
 Number of fly traps installed _____
12. Number of sanitary privies erected _____
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 _____
16. Crops commonly used in these rotations: _____

have gotten two farmers to
put in water systems this
year both are gravity systems
and it is needless to say both
are very much pleased and
would not be without them
for twice the cost

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 _____
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 70
29. Number of acres in each kind of cover crop: 5 average
- | | |
|-------------------------|--------------------|
| Crop <u>Brill</u> | Acreage <u>150</u> |
| Crop <u>C. Clark</u> | Acreage <u>100</u> |
| Crop <u>C. C. Clark</u> | Acreage <u>50</u> |
| Crop _____ | Acreage _____ |
30. Number of new implements and tools bought:
- Binders 5 Mowers 15 Hay rakes 12
- Hay presses _____ Grain drills 10 Ensilage cutters _____
- Gas engines _____ Disk harrows _____ Cream separators _____
- Cultivators: two horse _____ one horse 50 Small tools _____
- Spraying machines 20 Etc _____

MISCELLANEOUS
DEMONSTRATION WORK.

THOMAS A. KERRICK
Extension Agent
ROSELAND, VIRGINIA

- | | | |
|--|---|--|
| | DEMONSTRATIONS
137
DEMONSTRATIONS
233
DEMONSTRATIONS
136
(MOTHER & DAUGHTER CLUB MEMBERS) | |
| 1. Number of visits by agent to | | |
| 2. Number of miles traveled | Railroad 1216
(Team 2298)
(Otherwise) _____ | Total 3514 |
| 3. Calls on Agent relative to work at office or home | | (Personal 18)
(Telephone 10) |
| 4. Number of farmers' meetings held under auspices of agent or Extension Division | | |
| 5. How many meetings of all kinds did you address? | | |
| 6. Total attendance at such meetings (Approximate) | | |
| 7. How many field meetings held by you? | 4 | |
| 8. Total attendance at these meetings | 20 | |
| 9. What per cent of time spent at office work? | 1/4 | HOW DIVIDED
CORRESPONDENCE 1/2
LITERATURE 1/2
MISCELLANEOUS 1/4 |
| 10. What per cent of time spent in field work? | 3/4 | HOW DIVIDED
SUPERVISING AND DEM. 1/2
(OTHER FROM VISITS) 1/2
(BY MEETINGS) _____
(ASSISTED IN WORK) _____
(COURSE WORK) _____
(ORGANIZATION) _____ |
| 11. Number of official letters written | 164 | |
| 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 from U.S. Department of Agriculture distributed | | 110 |
| 15. Number of bulletins or circulars from State College or State Department of Agriculture distributed | | 58 |
| 16. Number of visits to schools relating to work | 20 | |

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 on 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* 2
26. How many demonstrators, cooperators and club members had exhibits? 9
27. How many prizes won? *15*
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 records at your instance? _____
 Complete *10* Partial *60*
31. How many farmers in your county are practicing fall plowing as result of county agent's work? *37*
32. How many farmers are selecting seed? *79*
33. How many farmers are growing any kind of improved seed for sale? *10*
34. How many wild 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? _____

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

THOS. A. WITHERS,
Co-Laborator,
ROSELAND, VIRGINIA.

(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 started 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: *40%*
2. Have opened new bank accounts since beginning demonstration work? *10%*
3. Have increased their bank deposits since beginning demonstration work? _____
4. Own their farms? _____
5. Have mortgages on their farms? *None*
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. _____

WHAT PER CENT OF YOUR DEMONSTRATORS AND FARMERS ARE:

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

11. Showing a desire to study their farm business and progress? *15%*
12. What additional industries have been established in your territory since demonstration work was begun? _____
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? *Many*
15. Name some of the more noticeable effects on the farmer's 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:
- _____
- _____
- _____

BOYS' AND GIRLS' CLUBS.

THOS. A. WITHERS,
 COUNTY CLERK,
 ROSELAND, VIRGINIA.

How long has the Club Work been in your county? 1911

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
Cars Club	19	9	76		\$72.50
					\$
					\$
					\$
					\$
					\$
					\$
					\$
					\$
					\$

On account of wind and rain
storms in the lovely summer
much of the hay I own was
blown down and did not grow
so did not get many reports
as I find it very hard to
get boys to make reports
if he thinks he will not
get a prize