

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 1912

DUE DECEMBER 31, 1912

STATE, Virginia

COUNTY, Giles

REPORT OF J. A. Towler COUNTY AGENT.

FROM JANUARY 1, 1912, TO DECEMBER 31, 1912.

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, MILD, FETERITA)
SEPERATE SHEET FOR EACH.

SPACE FOR AGENT'S NAME.

JAMES A. TOWLER,
County Agent,
PEARISBURG, VIRGINIA.

1. Number of demonstrators 10
2. Number of demonstrators reporting _____
3. Total acreage of corn grown under improved methods on demonstration farms 80
4. Average yield per acre on demonstrations (bushels) 60
5. Increased yield on demonstrations over ordinary methods 20-30
6. Number of cooperators 100; Acreage 1800; Yield per A. 55 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 crop 1; Estimated amount of seed selected _____ bu.

Remarks
9. Number who fall plowed their demonstration acres 8
10. Number who turned under cover crops on their demonstration acres 0
11. Number of acres harvested for silage 380; Yield per acre 10-14 (tons)
12. Number of acres "hogged down" 30; Value per acre when utilized this way \$ No check.
13. Number of acres treated for diseases or insect pests 0
14. How many farmers have you influenced to use better methods in growing corn this year? 110 directly- no way of telling how many indirectly- thru bulletins sent out, newspaper articles, etc.
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? 25%

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

CORN

In last year's annual report it was stated that there was a decided change for better corn growing in Giles county. That no doubt was true, however, there is still room for a great improvement. Better seed must be used, more fall plowing must be done and more fertilizer must be used before the maximum results may be obtained. The farmers, as a rule, cultivate their crop well. Altho the past year was an exceeding dry one, some of the farmers plowed their corn as many as eight times, and in comparing their corn with other that had received less cultivation, said that they felt that their time had been well spent.

The seed corn situation, for next year, is serious. Very little corn matured this fall- No seed was selected from the field and properly cured. The County Agent had planned to put on a "Seed Corn Campaign" but the county fair claimed so much of his time that he was not able to do so. November was a very dry month and hence very little corn was husked - except for feeding. The unusually cold spell in December caught most of the corn in the shock, and owing to the high moisture content the germination power has been seriously injured if not destroyed entirely.

The County Agent has engaged a car load of seed corn from Northern Virginia and hopes to place the greater part of this among the farmers in Giles before spring. This may relieve the situation.

A "Campaign for Fall Plowing" was put on but with no results on account of the dry season. Unless some plowing can be done this winter all the plowing will have to be done next spring and that will make the planting late again.

CORN Continued.

One farmer broke his corn land in the fall last year- this was unusual for him, and as a result got his corn planted early- and had time to break more land which he did and got it seeded along with 'his neighbors'. The County Agent made special note of these two fields- for a while after the corn was up, there was no marked difference but when the drouth struck it the "fall plowed field" continued to grow and look green while the "spring plowed field" suffered. When the corn was harvested the farmer estimated a difference of 50% in favor of the fall plowed field. The fertility of both fields were about the same.

The exhibits at the County Fair- held Sept. 23rd- were few- mostly shown on the stalk- corn not mature enough to husk. No Corn Show was held on account of the imperfection of the crop as a whole. At least 80% of the crop was damaged by the early frosts coming in Sept. and October.

A wet cold season and poor seed corn caused a great many farmers to have to plant their entire crop over last spring, a very poor stand resulting in many instances.

"It's an ill wind that blows no good" tho, and I believe the adverse circumstances that past year will cause many a farmer to profit thereby- in the future.

COTTON.

SPACE FOR AGENT'S SIGNATURE
JAMES A. TOWLER,
 County Agent,
PEARISBURG, VIRGINIA.

None grown in Giles.

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 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 have been reached? _____
15. Have you been able to get the farmers in any community to grow but one variety of cotton? _____; Give particulars _____

TOBACCO.

None grown in Giles.

SPACE FOR AGENT'S STAMP.

JAMES A. TOWLER, ¹/₂ P. O. #1
 County Agent,¹/₂ P. O. #1
 PEARISBURG, VIRGINIA.

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 pure¹/₂ 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.)

JAMES A. TOWLER,
County Agent,
PEARISBURG, VIRGINIA.

Wheat

DEMONSTRATION.

ENTER HERE THE NAME OF CROP SEPARATE SHEET FOR EACH

1. Number of demonstrators 4
2. Number of demonstrators reporting Demonstration started in August.
No report as yet.
3. Total acreage in this crop grown under improved methods on demonstration farms 50
4. Average yield per acre on demonstration farms (bushels) _____
5. Increased yield on demonstrations over ordinary methods (bushels) _____
6. Number of cooperators _____; Acreage _____; Yield per acre (bushels) _____
7. Number of demonstration acres threshed for grain _____
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 _____; 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 _____
17. What per cent is this of the total number of farmers in the county? _____

Over

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

Wheat

Only two actual demonstrations have been started with wheat, altho a good many farmers increased their acreage this fall by putting in the fields that come in regular rotation and by putting the same land back in wheat that was seeded last fall.

Two men prepared fields for alfalfa but did not get them ready until it was too late to sow the alfalfa. So they were advised by the County Agent to put them wheat which they did and agreed that they be used as demonstration plots. The wheat was sown about the middle of Sept. The latter part of November the District Agent for Southwest Virginia made the statement that it was the best wheat that he had seen all fall- and he is a "much traveled man".

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

SPACE FOR AGENT'S SIGNATURE

JAMES A. TOWLER,
County Agent,
PEAFISBURG, VIRGINIA.

Rye

DEMONSTRATION.

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

1. Number of demonstrators 2
2. Number of demonstrators reporting No report- demonstration started in fall.
3. Total acreage in this crop grown under improved methods on demonstration farms 25
4. Average yield per acre on demonstration farms (bushels) _____
5. Increased yield on demonstrations over ordinary methods (bushels) _____
6. Number of cooperators _____; Acreage _____; Yield per acre (bushels) _____
7. Number of demonstration acres threshed for grain _____
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 _____; 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 _____
17. What per cent is this of the total number of farmers in the county? _____

*NOTE. UNDER REMAINS 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 SIGNATURE

JAMES A. TOWLER,
County Agent,
PEARISBURG, VIRGINIA.

Buckwheat

DEMONSTRATION.

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

1. Number of demonstrators No demonstrators, but a good many cooperators
2. Number of demonstrators reporting _____
3. Total acreage in this crop grown under improved methods on demonstration farms _____
4. Average yield per acre on demonstration farms (bushels) _____
5. Increased yield on demonstrations over ordinary methods (bushels) _____
6. Number of cooperators 20; Acreage 120; Yield per acre (bushels) 15-20 bu
7. Number of demonstration acres threshed for grain _____
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 _____; 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 _____
17. What per cent is this of the total number of farmers in the county? _____

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

HAY, FORAGE OR COVER CROPS.

JAMES A. TOWLER, JR. P
County Agent,
PEARISBURG, 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, 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 20
 - Number of demonstrators reporting 4
 - Total acreage in this crop grown under improved methods on demonstrations 80
 - Average yield per acre on demonstrations 3-4 (tons of cured hay)
 - Number of acres cut for hay 70
 - Increased yield of demonstrations over ordinary methods ordinary methods (tons cured hay)
 - Number of acres grazed off a failure as a rule- remarks.
10
 - Estimated value per acre of grazing \$ Remarks.
 - Number of cooperators 2 Acreage 4 Yield per acre cured hay (tons) 2-3 1/2
 - How many acres of legumes in this class of crops were inoculated? All
 - How many farmers order inoculating material through you from the Dept? All
who used the "culture".
 - How many demonstration acres were turned under for soil improvement purposes? 6
 - Estimate total number of acres in county turned under by agent's advice 10
 - How many acres were sown this fall? 5
 - Estimate acreage grown in county before county agent's work started 15
 - What is your estimate of the increased acreage of this crop in the county as the result of the agent's influence? 80%
- | | | |
|-----------------------|------------|------------------------------------|
| First year's increase | <u>40%</u> | Give increase by year if possible. |
| Second " | <u>35%</u> | Third year's increase <u>5%</u> |
| | | Fourth |

Over

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

Alfalfa

The small increase in acreage of alfalfa is due to the fact that July and August were unusually dry and the preparation of a seed bed was almost impossible. Only two men were able to seed any at all. Those with alfalfa tho were the only ones in the county - with the exception of a few that had old meadows- who had any hay to cut at all. They had only three cuttings but it was unusually nice.

The County Agent is running an experiment with one of the farmers to try and find the variety best suited to Giles. He has 15 varieties sown in rows-3 rows each-the seed got from four different Seed Houses. One row of each will be allowed to run to seed to see if the seed will mature well there, also.

JAMES A. TOWLER,
County Agent,
PEARISBURG, VIRGINIA.

HAY, FORAGE OR COVER CROPS.

(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 Grasses

DEMONSTRATION.

ENTER NAME THE NAME OF CROP - SEPARATE SHEET FOR EACH

- Number of demonstrators 2
- Number of demonstrators reporting None.
- Total acreage in this crop grown under improved methods on demonstrations 15
Demonstration just started.
- Average yield per acre on demonstrations _____ (tons of cured hay)
- Number of acres cut for hay _____
- Increased yield of demonstrations over ordinary methods _____ (tons cured hay)
- Number of acres grazed off _____
- Estimated value per acre of grazing \$ _____
- Number of cooperators 6 Acreage 65 Yield per acre cured hay (tons) _____
- How many acres of legumes in this class of crops 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? All.
- Estimate acreage grown in county before county agent's work started 0
- What is your estimate of the increased acreage of this crop in the county as the result of the agent's influence? All due to County Agent.
Give increase by year if possible.
First year's increase _____
Second " " " _____
Third year's increase _____
Fourth " " " _____

Over

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

MIXED GRASSES.

Very few farmers in Giles practice the sowing of grasses after small grains have been removed. They usually sow Timothy or Orchard Grass or both in the fall when the small grain is seeded and sow clover in the spring, thus saving a great deal of time and eliminating the chance of striking a drouth-as they see it. However, the county Agent was able to get two fields of mixed grasses sown in August this time. One on the county farm and one on an individual's farm. If these prove successful , many others will follow suit after next year.

HAY, FORAGE OR COVER CROPS.

JAMES A. TOWLER,
County Agent,
PEARISBURG, VIRGINIA.

(NOTE: - This form to be used for such crops as Alfalfa, Crimpen, 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.)

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 _____ Acreage _____ 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? _____
 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? _____
- | | |
|-----------------------------|-----------------------------------|
| First year's increase _____ | Give increase by year if possible |
| Second " " _____ | Third year's increase _____ |
| Second " " _____ | Fourth " " _____ |

JAMES A. TOWLER,
County Agent,
PEARISBURG, VIRGINIA.

HAY, FORAGE OR COVER CROPS.

(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.)

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 _____ Acreage _____ 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? _____
 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? _____
- | | |
|-----------------------------|------------------------------------|
| First year's increase _____ | Give increase by year if possible. |
| Second " " _____ | Third year's increase _____ |
| Fourth " " _____ | Fourth " " _____ |

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

JAMES A. TOWLER,
County Agent,
PEARISBURG, VIRGINIA.

Soy Beans

DEMONSTRATION.

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

1. Number of demonstrators 6
2. Number of demonstrators reporting 30
3. Total acreage of this crop grown under improved methods on demonstration farms _____
4. Average yield per acre on demonstrations - **No seed saved**
Seed (bushels) _____, Cured hay (tons) 2-3
5. Increased yield on demonstrations over ordinary methods -
Seed (bushels) _____, Cured hay (tons) _____
6. Number of cooperators 4, Acreage 20, Yield per acre -
Seed (bushels) _____, Cured hay (tons) 2-3
7. Total acreage of demonstrators and cooperators threshed for seed 0
8. Total acreage of demonstrators and cooperators cut for hay _____
9. Number of acres grazed off 20; Estimated value per acre of grazing \$ 20
10. Total number of acres turned under for soil improvement 10
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 50
13. If possible give the increase by years -
First year's increase _____ acres Third year's increase 30 acres
Second " " _____ acres Fourth " " _____ acres

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

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

JAMES A. TOWLER,
County Agent,
PEARISBURG, VIRGINIA.

Cowpeas

DEMONSTRATION.

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

- Number of demonstrators 2
- Number of demonstrators reporting 1
- Total acreage of this crop grown under improved methods on demonstration farms 5
- Average yield per acre on demonstrations -
Seed (bushels) _____, Cured hay (tons) _____
- Increased yield on demonstrations over ordinary methods -
Seed (bushels) _____, Cured hay (tons) _____
- Number of cooperators _____, Acreage _____, Yield per acre -
Seed (bushels) _____, Cured hay (tons) _____
- Total acreage of demonstrators and cooperators threshed for seed _____
- Total acreage of demonstrators and cooperators cut for hay _____
- Number of acres grazed off 5, Estimated value per acre of grazing \$ 12.00
- Total number of acres tilled under for soil improvement _____
- Total number of acres inoculated 0 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 _____
- 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.)

Over

Soy Beans- Cowpeas.

No special demonstration has been carried out either with Soy Beans or Cowpeas, as to the best variety, time to sow or plant etc. They have been grown almost exclusively for green manure or in rotation for hog pasture. For hog pasture the Soy bean has proven wonderful while the cowpea has not done so well in this section.

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

JAMES A. TOWLER,
County Agent,
PEARISBURG, VIRGINIA.

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 _____, Acreage _____, Yield per acre -
Seed (bushels) _____, Cured hay (tons) _____
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 _____
13. If possible give the increase by years -
First year's increase _____ acres Third year's increase _____ acres
Second " " _____ acres Fourth " " _____ acres

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

POTATOES.
(SWEET OR IRISH)

SPACE FOR AGENT'S STAMP.

JAMES A. TOWLER,
County Agent,
PEARISBURG, VIRGINIA.

1. Number of demonstrators _____
2. Number of demonstrators reporting _____
3. Total acreage of potato demonstrations _____
4. Average yield per acre on demonstrations (bushels) _____
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.

SPACE FOR AGENT'S STAMP

JAMES A. TOWLER,
County Agent,
PEARISBURG, VIRGINIA.

1. Number of demonstration home orchards 10
2. Total number of trees in these demonstrations 1700
Give statement of results on reverse side.
3. Number of orchards inspected - - - - 17 No. trees 3000
4. Number of orchards pruned due to your influence - 14 No. trees 1300
5. Number of orchards sprayed due to your influence - 8 No. trees 1000
6. Number of peach orchards wormed due to your influence 1 No. trees 400
7. Number of orchards planted due to your influence - 2 No. trees 3,500
- TOTAL _____
8. How many commercial orchards have you assisted in caring for? 0
9. How many trees did you actually spray? 0, prune 100 plus, 6.
10. Report of special campaigns, results, etc.

Over

ORCHARDS CRANFORD

Probably the most notable results this year has been in the demonstration Orchards. The fruit from these orchards have been of a high quality-color good and practically no culls. The yield was only about 50% but the net proceeds were over 100%. On the other hand orchards that were not cared for at all were almost a total failure.

The peach crop was a total failure- a severe freeze during winter killed many trees and killed the young growth in all peach trees. The County Agent advised the cutting-back- dehorning in some instances, of all the trees in the County. In most cases it was done and splendid growth was made during the summer.

HORSES.

SPACE FOR AGENT'S NAME
JAMES A. TOWLER,
 County Agent,
PEARISBURG, VIRGINIA.

1. Give number of pure blood stallions 2, and jacks 2, brought into the county this year due to your influence.
2. Give number of brood mares brought in due to your influence 1
3. Give number of demonstrations in feeding horses or mules 0
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 - 9, Number now 11
7. Give number of pure blood jacks in county when demonstration work started 4, Number now 5

Over

HORSES

The situation in Giles is probably worse than it has been for years, that is fewer good horses in the county. The market has been unusually good the past year. The demand has been for good horses. The farmers have culled their horses and kept the culls. A great many old brood mares were left out, many of the young brood mares were sold. A special effort will be made this year to establish a special breed and revive the interest in pure bred horses of the Draft type.

The saddle horse is a thing of the past in Giles-except with a few fanciers-not a single saddle stallion now remaining. The last two in the County were sold this fall.

SPACE FOR AGENT'S STAMP

JAMES A. TOWLER,
County Agent,
PEARISBURG, VIRGINIA.

DAIRY CATTLE.

1. How many head of pure bred dairy stock have been brought into the county through your influence? Bulls 1, 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? 33
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 in the county when county agent work was started? 3 How many now? 4
10. How many pure bred dairy cows in the county when county agent work was started? 1 How many now? 1
11. How many new cream routes established this year due to the influence of the county agent's work? 0
12. How many cow testing associations established under your influence? 0
13. How many dairy breeders? " " " " " 0

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

SPACE FOR AGENT'S STAMP

JAMES A. TOWLER,
County Agent,
PEARISBURG, VIRGINIA.

BEEF CATTLE.

1. How many head of pure blood beef cattle have been brought in this year through your influence? Bulls 2, Cows or heifers 10.
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? 9
4. How many head of feeding cattle have been brought in through your influence? _____
5. How many beef feeding demonstrations did you supervise? 0
6. How many cattle in these demonstrations? _____
7. On how many of these demonstrations were records kept? _____
(Give methods, dates and results in dollars, gains made, cost of gains, total profit, etc., under "Remarks")
8. Estimate the number of beef cattle cared for according to methods which you advocated.
Number of cattle where methods were wholly followed _____
" " " " " partially " 350
(Give results of these methods and special campaigns along beef cattle lines under "Remarks")
9. Number of beef cattle breeders' associations or clubs formed 2
Number of members 75
10. Number of pure blood beef bulls in county when demonstration work started 3; Number now 25
11. Number of pure blood beef cows in county when demonstration work started 5; Number now 33
12. Give increase in shipments of beef cattle from the county by years since demonstration work started; 3
Quality not quantity increased.

DIPPING VATS.

SPACE FOR AGENT'S NAME
JAMES A. TOWLER,
 County Agent,
PEARISBURG, VIRGINIA.

No 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 " " _____ |

HOGS.

JAMES A. TOWLER,
County Agent,
PEARISBURG, VIRGINIA.

- How many head of pure blood hogs have been brought in this year due to your influence? 21 Boars 6 Sows or gilts 15
- How many extra head of pure blood and grade sows have been bred, due to your influence? 1
- How many herds have been started? 3
- How many hog feeding demonstrations did you supervise? 1
- How many hogs in these demonstrations? 70
- On how many of these demonstrations were records kept? 0 - not accurate.
(Give results in dollars, rate of gain, amount and cost of gain, total profit, detailed statements of production, etc., and attach hereto.)
- Give number of farmers, number of hogs and results of "hogging off" or grazing of crops, in same manner as above.
- How many hog pastures have you induced farmers to start? _____
- Give number of farmers induced to start the growing of grazing crops for hogs 5
- Estimate number of hogs fed or cared for according to methods which you advocated 300-partially
- Give number of pure blood boars when demonstration work started 2 Now 10
- " " " hogs in county " " " " ? Now _____
- Give increase in shipment of hogs from the county by years since demonstration work started 50% this year.

Over

HOGS

The hog industry in Giles has developed rapidly this year; three new herds have been started, six pure bred boars and fifteen pure bred sows and gilts have been brought in-consisting of three different breeds-Berkshire, Duroc and Poland China. The Grand Senior Champion Poland China sow at the International Stock Show, was bought by a Giles man this time, and he has offered to give the sow pigs from the first litter to boys in the county who will raise them, breed them to a pure bred boar and give him a pig from the first two litters. Other plans are on foot to get more pure bred gilts into the county.

There was a Boys' Pig Club fattening project in the county this year but the results were not satisfactory. The Club will take up the Breeding project next year and better results are hoped for.

SHEEP AND GOATS

SPACE FOR AGENT'S STAMP

JAMES A. TOWLER,
County Agent,
PEARISBURG, VIRGINIA

Sheep

DEMONSTRATION

SPECIFY IF SHEEP OR GOATS - SEPARATE SHEET FOR EACH

- How many head of pure bred rams have been brought into the county through your influence? 6; How many ewes? 20
- How many grade ewes have been brought into the county for breeding purposes due to your work? 1
- How many flocks have been started? 2
- How many sheep feeding demonstrations did you supervise? _____
- How many sheep in these demonstrations? _____
- On how many of these demonstrations were records kept? _____
(Give statement of production in dollars, rate, amount and cost of gain, profit, etc., as attach hereto)
- Give results of grazing of crops in same manner as above.
- Number of farmers induced to grow grazing crops for sheep _____
- Estimated number of sheep fed or cared for according to methods which you advocated _____
- Number of pure blood rams in county when demonstration started 4, Now 10
- " " " " sheep " " " " " " 1, Now 30
- Give results of campaign for more sheep, eradication of dogs, etc., under "Remarks".
- Give increase in shipments of sheep from county by years since work started
25% this year.

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

POULTRY.

SPACE FOR AGENT'S SIGNATURE

JAMES A. TOWLER.
County Agent,
PEARISBURG, VIRGINIA.

No _____

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 (dos.) _____
7. How many communities are raising same kind of poultry? _____
8. Are poultry products collected on cream routes? _____

**LIVE STOCK
DISEASES AND PESTS.**

SPACE FOR AGENT'S STAMP
JAMES A. TOWLER,
 County Agent,
PEARISBURG, 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 2000 anthrax or charbon _____,
 " " " tuberculosis 50, ticks _____, lice 400,
 " " " digestive and other troubles 50.
 (Give results under "Remarks")

Hogs treated for cholera (single treatment) - - - 2,
 " " " (simultaneous treatment) - - - _____,
 " " " worms _____, lice 60, mange - 60,
 " " " digestive and other troubles - 12.
 (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 1093 Anthrax or Charbon - - - 0,
 Tuberculosis - - - - 6.
 Hogs: Hog cholera 2
 Horses: Anthrax or Charbon _____

3. Have you instruments for such treatments? Yes
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? No trouble.

Over

DISEASES

The main diseases in Giles among the cattle are blackleg and tuberculosis. About 50 cows were tested this fall for T.B. and five out of that number reacted; they were removed from the herd and killed. The county is far from being free of blackleg, also at least a hundred calves have died of the disease this fall. The people are beginning to realize, tho, that vaccination is a preventative. Instruments are being placed in different communities and with the assistance of the County Agent individuals are taught to use them. The County Agent keeps vaccine on hand all the time and furnishes it on application. He vaccinated around 1100 calves this fall with his own instrument. This number is not large but it took a lot of time since not more than 3-4 calves were at a great many places. Blackleg is the only disease, at present, that needs watching in the county.

FERTILIZER.

SPACE FOR AGENT'S NAME

JAMES A. TOWLER,
County Agent,
PEARISBURG, VIRGINIA.

1. How many farmers have you advised regarding proper use of fertilizers? 25
2. How many fertilizer demonstrations are the farmers conducting with you? 0
3. How much fertilizer used on such demonstrations? _____ (tons)
4. How many communities have you influenced to buy fertilizers cooperatively? 8
- Quantity bought cooperatively - - 3 car loads.
(tons)
- Value of fertilizer bought cooperatively - - \$ 18.70
- Amount saved - - - - - \$ 2.30
5. Number of farmers home-mixing fertilizer on your advice 0
6. Estimated saving per ton to farmers \$ 0
7. Number of farmers who top-dressed crops with fertilizer at your suggestion 0

MANURE.

SPACE FOR AGENT'S STAMP

JAMES A. TOWLER,
County Agent,
PEARISBURG, VIRGINIA.

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? 2
3. How many are composting farm manure and waste products? 0
4. How many manure spreaders are in the county? 25
5. How many have you helped to place? 0
6. How many farmers are using phosphate or other material for reenforcing farm manure? 0
7. Estimated quantity of farm manure now being saved in your territory 5000 (tons).

Several articles have been published in the county paper on "Care of Manure", "Value of Manure", "Time to Apply Manure", etc.

SILOS.

JAMES A. TOWLER,
County Agent,
PEARISBURG, VIRGINIA.

1. How many silos built in county this year? 42
2. How many silos built as a result of your advice? 12 directly.
3. How many silos were in county when county agent's work was started? 25
How many in county now? 87
4. Of the number of silos in county now there are:
Tile 2, Cement 2, Stave 63, Stone _____, Other _____
5. Give growth in number of silos by years:
First year 8 (1915)
Second year 12 (1916)
Third year 42 (1917)
Fourth year _____ (19__)

From the increase in silos this year it can be readily seen that the people are beginning to realize their value. Forty-two were installed this year, and yet there are communities which haven't a silo in them. The County Agent believes that at least as many will be installed again next year.

JAMES A. TOWLER,
County Agent,
PEARISBURG, VIRGINIA.

L I M E .

1. Number of farmers using lime due to your influence 1
2. Quantity used due to your influence 350 (tons)
Burned lime 350 (tons), Limestone or its equivalent _____ (tons)
3. Number of acres treated first year of demonstration work 650 (1915)
4. " " " " second " " " " 430 (1916)
5. " " " " third " " " " 350 (1917)
6. " " " " fourth " " " " _____ (19)
7. " " " " fifth " " " " _____ (19)
- Total - - - 1420
8. Number of local sources of lime developed 1
9. Number of lime crushers installed as a result of your work 0
10. Number of lime kilns built as a result of your work 1

SPACE FOR AGENT'S STAMP.

JAMES A. TOWLER,
County Agent,
PEARISBURG, VIRGINIA.

ORGANIZATION.

1. How many farmers' clubs have you assisted in organizing? 10
2. Give total membership of these clubs 525
3. Give the name and address of each club and state briefly the object of each.
(Use other side if additional space is necessary)

Giles Co. Farm Loan Ass'n.Giles Co. Pure Bred Shorthorn Breeders Ass'n,8 Local Farmers Union Clubs.

4. Is there a central county organization composed of delegates from the local clubs? Yes
5. Is there any central county organization supporting your work? Yes
If so, what is it called? Giles Co. Farmers' Union
Who may be members of the central organization? All "local" members.
6. What other organizations of farmers or business men cooperate with or support your work? Fair Ass'n, Livestock Ass'n, Banks, etc.
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? No.

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

**FARM AND FARMSTEAD
IMPROVEMENTS.**

SPACE FOR AGENT'S STAMP
JAMES A. TOWLER,
 County Agent,
 PEARISBURG, VIRGINIA.

THINGS DONE WITH AGENT'S ASSISTANCE AND ADVICE.

1. Number of buildings erected 6
2. Number of farm buildings improved 2
3. Number of new building plans furnished _____
4. Number of farm buildings painted or whitewashed _____
5. Number of home water systems installed or improved _____
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 _____
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:

JAMES A. TOWLER,
County Agent,
PEARISBURG, VIRGINIA.

U.S. DEPT. OF AGRICULTURE

17. Number of box 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 10
29. Number of acres in each kind of cover crop:
- | | | | |
|------|-----------------------|---------|-----------|
| Crop | <u>Rye</u> | Acreage | <u>30</u> |
| Crop | <u>Crimson Clover</u> | Acreage | <u>20</u> |
| Crop | <u>Buckwheat</u> | Acreage | <u>17</u> |
| Crop | _____ | Acreage | _____ |
30. Number of new implements and tools bought:
- | | | | | | |
|-------------------|-----------------|-----------------|-------------|------------------|-------|
| Sicklers | _____ | Mowers | _____ | Hay rakes | _____ |
| Hay presses | _____ | Grain drills | _____ | Ensilage cutters | _____ |
| Ch. online | _____ | Disk harrows | _____ | Cream separators | _____ |
| Cultivators: | two horse _____ | one horse _____ | Small tools | _____ | |
| Spraying machines | _____ | Etc. | _____ | | |

SPACE FOR AGENT'S STAMP
JAMES A. TOWLER,
 County Agent,
PEARISBURG, VIRGINIA.

ORGANIZATION.

**MISCELLANEOUS
 DEMONSTRATION WORK**

- | | | |
|--|-----------------------------|---|
| 1. Number of visits by agent to | DEMONSTRATIONS | 256 |
| | COOPERATORS | 490 |
| | OTHER FARMERS | |
| | BUSINESS MEN | |
| | BOYS' & GIRLS' CLUB MEMBERS | |
| 2. Number of miles traveled | (Railroad) | 2688 |
| | (Team) | 863 |
| | (Otherwise) | 1838 |
| | Total | 5405 |
| 3. Calls on agent relative to work at office or home | (Personal) | 570 |
| | (Telephone) | 95 |
| 4. Number of farmers' meetings held under auspices of agent or Extension Division | | |
| 5. How many meetings of all kinds did you address? | | 12 |
| 6. Total attendance at such meetings (approximate) | | 600 |
| 7. How many field meetings held by you? | | 7 |
| 8. Total attendance at these meetings | | 175 |
| 9. What per cent of time spent at office work? | 25 | HOW DIVIDED (CORRESPONDENCE 5, CONFERENCE 10, MISCELLANEOUS 5) |
| 10. What per cent of time spent in field work? | 75 | (SUPERVISING REG. DEM. 20, OTHER FARM VISITS 30, AT MEETINGS 10, (HOW DIVIDED (COUNCILS IN INTER. CO. FAIR 20, ORGANIZATION 20) |
| 11. Number of official letters written | 810 | |
| 12. Number of articles relating to your work prepared for publication | | 19 |
| 13. Number of circular letters prepared by you and sent out (Give list and copy of each if possible) | 804 copies sent out | 9-separate letters. |
| 14. Number of bulletins or circulars of U. S. Department of Agriculture distributed | | 600 |
| 15. Number of bulletins or circulars from State College or State Department of Agriculture distributed | | 50 |
| 16. Number of visits to schools relating to work | | 23 |

17. In how many schools did you assist in outlining an agricultural course? 2
18. How many Extension schools or short courses did you assist in? 0
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 1
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? 3
25. Was there a county fair held in your county? Yes
26. How many demonstrators, cooperators and club members had exhibits? 20
27. How many prizes won? 63
28. How many demonstrations have you in truck or small fruit? 0
29. Were they successful from a financial standpoint? 0
30. How many farmers in your county are keeping cost records at your instance? Complete 4 Partial ?
31. How many farmers in your county are practicing fall plowing as result of county agent's work? All who can. Season did not permit fall plowing this fall.
32. How many farmers are selecting seed? No at the proper time.
33. How many farmers are growing any kind of improved seed for sale? None
34. How many wood lots have been improved at your suggestion? 0
35. How many farmers in your county have been influenced to grow sugar cane or sorghum for syrup? 12

The County Agent finds it hard to get farmers to select seed at the proper time. A campaign will be put on next year for the selection of seed corn in the field. A few have been taught to select their seed corn while shucking but only a few do that much.

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

JAMES A. TOWLER,
County Agent,
PEARISBURG, 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 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? **95**
2. Have opened new bank accounts since beginning demonstration work? _____
3. Have increased their bank deposits since beginning demonstration work? _____
4. Own their farms? **99%**
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? **50%**
8. Do the bankers and merchants favor demonstration farmers in placing business, such as in the loaning of money and extension of credit?

If so, give examples. _____

WHAT PER CENT OF YOUR DEMONSTRATORS AND FARMERS ARE:

9. Decreasing their indebtedness along various lines? **All**
10. Showing increased interest in agricultural meetings? **50%**

JAMES A. TOWLER,
County Agent,
PEARISBURG, VIRGINIA.

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11. Showing a desire to study their farm business and progress? 75%
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 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:

BOYS' AND GIRLS' CLUBS.

JAMES A. TOWLER,
County Agent,
PEARISBURG, VIRGINIA

How long has the Club Work been in your county? **3 years**

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
Boys Corn Club	19	4	78	5	\$ 25
Pig	15	5		5	\$ 30
					\$
					\$
					\$
					\$
					\$
					\$
					\$
					\$
					\$

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

CONCLUSION

There are no human interest stories that seem worthy of mention just now. However, there are a few things that might be mentioned that are not embodied elsewhere in this report and which took a great deal of the Agent's time.

As was reported in last year's annual report a Live Stock Association was organized in the county. Twenty-one pure bred Shorthorn bulls were bought, eighteen of these coming from Sullivan Co. Mo. The County Agent this year found the Association \$1,600.00 "in the hole", with only enough stock subscribed to take up about half of this amount. For various reasons the subscribers refused to take their stock. The "paid up" stock holders attempted to enforce the payment of the subscribed stock but with no avail. This litigation was a death blow to the Association; the stock holders advised liquidation, and the selling of the bulls which meant that they would be sold publicly and probably the majority would go out of the county, which would mean destruction to the beef industry in the county for the next few years.

The County Agent got permission from the directors to hold the bulls thru the year and guaranteed the bank to collect enough money from the service fees to pay interest on the note. The plan was so successful that the bulls will be kept another year, and will probably have to be sold at the end of that time.

It will mean from twelve to fifteen hundred grade calves in the county where otherwise it would have been less than this number of scrubs.

More time was given and more worry caused in trying to revive the Association than it would have taken to start one anew.

The Giles County Fair Association contributed one hundred and fifty dollars towards the Agent's salary. No agreement was made as to the amount of work the Agent should do for the Association, so he was made Sec'y-Mgr. of the Association, and had all the duties thereof to perform as well as those of the majority of the committees.

The Fair was a success both financially and otherwise, but the time necessary to make it so was too much to take from the regular field work. Actual Demonstration work suffered this year on account of the Fair. The County Agent next year will not act as Sec'y but will take charge of the exhibits and assist in any other capacity that he can other than the executive.

The County Agent had almost complete charge of the Chautauqua held at Pearisburg during August, arranging a complete Agricultural program for one day. The Chautauqua had great educational value and was enjoyed and appreciated by all.

Patriotic Rallies were held all over the county, a week being given to these and the forming of a "Council of Safety". One of the Home Demonstration agents of the State gave a series of canning demonstrations in the County.

Among the campaigns that were conducted in the County the past year, the County Agent assisted in the following: "Food Conservation" or "Pledge Card" campaign, and the Y.W.C.A. campaign.

Some time was given to the organization of a farmers' excursion to Blacksburg to attend the Farmers' Institute Meeting. This proved to be a very interesting and instructive trip to those went. They were highly pleased with the program and the manner in which they were entertained, and all are planning to go again next year and take others with them.

A Farm Loan Association was organized in the early part of the year. The application of about thirty farmers have been accepted, and while the money is coming very slowly, about sixty thousand dollars have been received.

Much time has been given to the Farmers' Union- organizing locals, and meeting with the same. More time will be spent with the Union the coming year for it's believed that more and better work may be done thru a well-organized organization than in any other way.

Respectfully submitted,

J. A. Towler,

County Agent, Giles County, Va.

Pearisburg, Virginia., April 9, 1917.

DEAR SIR:

I find your name as one of the subscribers to the Capital Stock of the Giles County Shorthorn Breeders' Association who has not paid your subscription. This failure upon the part of many of the subscribers has caused the association much embarrassment and financial trouble and the association has been forced to take some steps to meet its obligations, and in doing this has directed that I write you saying, that unless your subscription is paid within 30 days from the above date, the matter will be placed in the hands of an attorney or officer for legal proceedings to collect same. I hope we will not have to resort to this method as we feel that we are doing a great work for the county and for ourselves, and that litigation among ourselves will retard the work, but we MUST have the subscription.

Signed

C. F. Straley,

President.

PEARISBURG, VIRGINIA, Nov. 16, 1917.

DEAR SIR: -

Definite information regarding dates to the International Stock Show at Chicago has just been received. On account of the unusually heavy traffic, round trip rates could not be secured but party rates for ten or more traveling together will be in force. The fare from Pearisburg to Chicago will be \$13.50 one way. Pullman fares will be - upper berths \$3.20, lower berths \$4.00, and drawing room \$14.00. One or two persons may occupy a berth and divide the cost and four may occupy the drawing room.

The time of leaving will be Saturday, December 1st 7:00 p.m. on train No.3, over the N.& W. Railway. Passengers will not be required to change cars on route. The return trip will be made on train No.4, leaving Chicago at 9:30 Thursday morning and arriving at Pearisburg 10:18 the next morning. Hotel accommodations will be reserved, for those wishing same, at the Great Northern Hotel at very reasonable rates.

This trip affords an opportunity of seeing the best cattle and greatest livestock market in the world. The packing house will be visited as well as other places of interest. The International is the final judge of all show cattle in the U. S. There we learn by seeing what other people do and at this time it is of vital importance that we get the best and most up to date points along all lines of farming.

The cost of the trip need not be excessive. The entire trip may be made for less than sixty dollars, and at the same time see every -

thing that is to be seen while there. If possible a 14 or 16 section pullman will be secured to accommodate our party. Those who have not made reservations should do so immediately so that hotel accommodations may be secured for all, as well as reservations on pullman. Twelve from this county have already decided to go and many more are planning the trip. An addressed postal card is enclosed, please reply immediately, or as soon as possible, stating whether you can or cannot go, and if you wish reservations reserved and for how many.

Any farmer, cattle man or business man in Giles county can afford to spend three days at the largest stock show that will be held on the continent this season.

Don't forget the time of departure of the train. Other information relative to the trip will be gladly furnished. You are invited to join the party from Giles county.

Yours very truly,

J. A. Towler,

County Agent.