

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 191 .

DUE DECEMBER 31, 19

Weyro

STATE, VIRGINIA

COUNTY, CHARLOTTE

REPORT OF J. F. Wilson COUNTY AGENT.

FROM JANUARY 1, 1911, TO DECEMBER 31, 1911.

APPROVED:

STATE AGENT.

DATE FORWARDED. 1

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.

CORN.
(INCLUDING KAFIR, MILO, FETERITA)
SEPERATE SHEET FOR EACH.

SPACE FOR AGENT'S SIGNATURE

J. F. Wilson,

Keyville, Va.

1. Number of demonstrators 18
2. Number of demonstrators reporting 17
3. Total acreage of corn grown under improved methods on demonstration farms 75
4. Average yield per acre on demonstrations (bushels) 35
5. Increased yield on demonstrations over ordinary methods 18
6. Number of cooperators 400; Acreage 200; Yield per A. 32 bu.
7. Number who planted pure or selected seed on their demonstrations 75
8. Number of farmers you have influenced to select seed for next year's crop 100; Estimated amount of seed selected 122 bu.
9. Number who fall plowed their demonstration acres 127
10. Number who turned under cover crops on their demonstration acres 40
11. Number of acres harvested for silage _____; Yield per acre _____
12. Number of acres "hogged down" _____; Value per acre when utilized this way \$ _____ (tons)
13. Number of acres treated for diseases or insect pests _____
14. How many farmers have you influenced to use better methods in growing corn this year? 42
15. Estimate total number of farmers in county who have been influenced to use better methods in corn growing since county agent work started 417
16. What per cent is this of total number of farmers in your county? 40

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

We have laid special stress on the raising of corn on a larger acreage as well as on an increased yield, in this county as well; and as a whole we were met with a hearty response.

Several farmers put their tobacco lots in corn and the results were so encouraging they have decided to continue growing corn on some of their best land.

Thirty farmers in the county have corn enough to carry them until corn comes again and have also some to sell.

Eighty will have corn enough to carry them through the year and two hundred have enough for one half a year.

Gen. M. J. E. Moore, Cullen #2 made 300 bu.

Gen. B. C. Lindsey, Cullen #2 made 300 bu.

Gen. Willie Morton, Charlotte, S.H. made 500 bu.

COTTON.

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

TOBACCO.

SPACE FOR AGENT'S SIGNATURE

J. P. Wilson,
Keyesville, Va.

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

We didn't carry any demonstrators on tobacco, but we urged the farmers to raise as much as they could well work after getting enough food crops planted for home use.

Most of our demonstrators and farmers have good crops of tobacco and are getting good prices for it. Some have paid the mortgages off their farms by having good crops of tobacco to sell while the price is up.

Ten farmers will sell about \$1000. worth of tobacco, or more; 100 farmers will sell \$300 worth.

Dem. E. B. Faulkner, Keyesville #3 has sold \$1000. worth.

Dem. Peter Hadden, Keyesville #3 has sold \$1000. worth.

Dem. Lemon Almond has sold \$1000. worth and has 2 houses to sell now.

Dem. George Elam has sold \$700. worth.

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

SPACE FOR AGENT'S SIGNATURE

J. F. Wilson,

Keyville, Va.

WHEAT

DEMONSTRATION.

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

1. Number of demonstrators _____
2. Number of demonstrators reporting _____
3. Total acreage in this crop grown under improved methods on demonstration farms _____
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 REMARKS STATE THE NATURE AND RESULTS OF TREATMENT OF SEEDS FROM INSECT PESTS. USE OTHER SIDE OF SHEET FOR THIS.

The wheat crop was good this year, but owing to the wet weather several acres sprouted in the shock- this cut the yield very much.

One demonstrator who had 6 acres lost about 60% of his crop.

The farmers in the county seed from 2 to 15 acres of wheat every year, but this year the average was increased 3%. In some parts of my county the farmers use acid phosphate under their wheat. We are urging all the farmers to use acid, or some other fertilizer under the wheat.

Twenty-five farmers made enough wheat for their own use and some to sell.

Sixty farmers made enough to last them until harvest again.

Three hundred farmers made enough to last them 6 months.

Henry White, Charlotte C. T., Va. \$2 made 250 bu.

H. C. Jones, " " \$3 made 150 bu.

S. D. Barrett, Rolling Hill, Va. ---- made 130 bu.

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

J. F. Wilson,

Keyesville, Va.

TYPE

DEMONSTRATION.

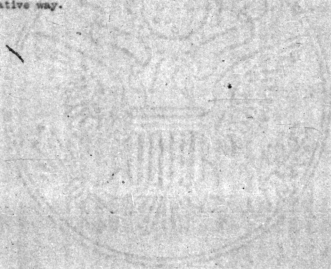
ENTER HERE THE NAME OF CROP - SEPARATE SHEET FOR EACH.

1. Number of demonstrators _____
2. Number of demonstrators reporting _____
3. Total acreage in this crop grown under improved methods on demonstration farms _____
4. Average yield per acre on demonstration farms (bushels) _____
5. Increased yield on demonstrations over ordinary methods (bushels) _____
6. Number of cooperators 5; Acreage 10; 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 8; Estimated value per acre \$ 4.00
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? 6
16. Estimated total number of farmers in your territory who have been influenced to sow this crop since county agent's work started 6
17. What per cent is this of the total number of farmers in the county? 100

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

Rye has not been grown in this county until recently- then the farmers began seeding on account of the Crimson Clover failure.

The acreage in Rye was increased 60% this year. Ten farmers seeded it in a cooperative way.



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

J. F. Wilson,

Kaysville, Va.

OATS

DEMONSTRATION.

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

1. Number of demonstrators 1
2. Number of demonstrators reporting 1
3. Total acreage in this crop grown under improved methods on demonstration farms 3
4. Average yield per acre on demonstration farms (bushels) 12
5. Increased yield on demonstrations over ordinary methods (bushels) 4
6. Number of cooperators 30; Acreage 75; Yield per acre (bushels) 10
7. Number of demonstration acres threshed for grain 23
8. Number of demonstration acres cut for hay 56
9. Average yield of cured hay per acre on demonstrations (tons) 3/4
10. Increase per acre of cured hay on demonstrations over ordinary methods, tons 1/4
11. Number of acres grazed off 3; 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? 4
16. Estimated total number of farmers in your territory who have been influenced to sow this crop since county agent's work started 31
17. What per cent is this of the total number of farmers in the county? 35

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

Oats are being seeded a little more each year. Twenty eight acres were seeded in 1918 and seventy-five acres this year. We are going to get in about 100 or more acres another year.

J. F. Wilson,

Keyesville, Va.

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 HERE THE NAME OF CROP - SEPARATE SHEET FOR EACH.

1. Number of demonstrators 3
2. Number of demonstrators reporting 2
3. Total acreage in this crop grown under improved methods on demonstrations 11
4. Average yield per acre on demonstrations 3/4 (tons of cured hay)
5. Number of acres cut for hay 8
6. Increased yield of demonstrations over ordinary methods 1/2 (tons cured hay)
7. Number of acres grazed off 3
8. Estimated value per acre of grazing \$
9. Number of cooperators 50 Acreage 200 Yield per acre cured hay (tons) 1/2
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? 15
13. Estimate total number of acres in county turned under by agent's advice 75
14. How many acres were sown this fall? 70
15. Estimate acreage grown in county before county agent's work started 121
16. What is your estimate of the increased acreage of this crop in the county as the result of the agent's influence? 221

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

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

Mixed hay this year was cut from old lots -very few new plots were seeded last year- but crops were good.

Some of our best cut 1 1/4 tons per acre- the average yield was about 3/4 tons.

Forty-five farmers made hay enough to feed their livestock 6 months.

Seven farmers made enough to carry them three months.

J. F. Wilson,

Keyesville, Va.

HAY, FORAGE OR COVER CROPS.

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

Crimson Clover

DEMONSTRATION.

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

1. Number of demonstrators 2
2. Number of demonstrators reporting 2
3. Total acreage in this crop grown under improved methods on demonstrations 2
4. Average yield per acre on demonstrations 1/4 (tons of cured hay)
5. Number of acres cut for hay 2
6. Increased yield of demonstrations over ordinary methods 1/2 (tons cured hay)
7. Number of acres grazed off 2
8. Estimated value per acre of grazing \$ 10.
9. Number of cooperators 5 Acreage 12 Yield per acre cured hay (tons) 1/4
10. How many acres of legumes in this class of crops were inoculated? _____
11. How many farmers ordered inoculating material through you from the Dept? _____
12. How many demonstration acres were turned under for soil improvement purposes? 5
13. Estimate total number of acres in county turned under by agent's advice 15
14. How many acres were sown this fall? 25
15. Estimate acreage grown in county before county agent's work started 5
16. What is your estimate of the increased acreage of this crop in the county as the result of the agent's influence? 45

First year's increase _____	Give increase by year if possible.
Second " " _____	Third year's increase _____
Fourth " " _____	Fourth " " _____

Very little crimson clover hay is raised in this section, last winter being very cold some of the farmers entire crop was killed. This fall the price was so high not many acres were sown, but those who grow Crimson Clover use it mostly for soil improvement- very little is cut for hay.

Eight farmers seeded twenty acres.

HAY, FORAGE OR COVER CROPS.

J. T. Wilson,

Kaysville, Va.

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

ALFALFA

DEMONSTRATION.

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

1. Number of demonstrators 2
 2. Number of demonstrators reporting 2
 3. Total acreage in this crop grown under improved methods on demonstrations 23
 4. Average yield per acre on demonstrations 2 (tons of cured hay)
 5. Number of acres cut for hay 18
 6. Increased yield of demonstrations over ordinary methods 3/4 (tons cured hay)
 7. Number of acres grazed off 5
 8. Estimated value per acre of grazing \$ 5.00
 9. Number of cooperators 2 Acreage 4 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 5
 14. How many acres were sown this fall? 12/3
 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? 28 2/3
- Give increase by year if possible.
- | | |
|-----------------------------|-----------------------------|
| First year's increase _____ | Third year's increase _____ |
| Second " " _____ | Fourth " " _____ |

We had three farmers to seed 22 acres to alfalfa last year, but three acres were killed by cold weather. 19 acres turned out well. Five cuttings were gotten off 18 acres which yielded about 3 tons per acre.

One Dem seeded $1 \frac{2}{3}$ acres this fall- but stand is poor.

One Dem. seeded 15 acres with other grasses, had an excellent yield of 2 tons per acre. one Dem. cut from old stand and yield was good.

Dem Willie Morton, Charlotte #3 made 20 tons of hay.

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

J. F. Wilson,

Kaysville, Va.

COWPEAS

DEMONSTRATION.

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

- Number of demonstrators 4
- Number of demonstrators reporting 4
- Total acreage of this crop grown under improved methods on demonstration farms 18
- Average yield per acre on demonstrations -
Seed (bushels) 7, Cured hay (tons) 1 1/2
- Increased yield on demonstrations over ordinary methods -
Seed (bushels) 2, Cured hay (tons) _____
- Number of cooperators 300, Acreage 300, Yield per acre -
Seed (bushels) 8, Cured hay (tons) 2 1/2
- Total acreage of demonstrators and cooperators threshed for seed 75
- Total acreage of demonstrators and cooperators cut for hay 450
- Number of acres grazed off 125; Estimated value per acre of grazing \$4.00
- Total number of acres turned under for soil improvement 100
- Total number of acres inoculated _____ by Department cultures _____
by inoculated soils _____
- Give estimate of the number of acres in your territory which were planted to this crop due to your influence 218
- If possible give the increase by -sars -
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.)

Cowpeas were grown extensively this year for both seed and forage. I estimate that at least 25% more peas were picked this year than in any previous year.

one hundred farmers picked enough for food and enough to seed next years crop.

one hundred cut 90 tons of hay for livestock.

Dem. Lemon Almond, Keyesville, #3 cut 4 tons.

Dem. J. W. Wilson, " " cut 5 tons.

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

J.F. Wilson,
Keyesville, Va.

Soy Beans DEMONSTRATION.

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

1. Number of demonstrators 3
2. Number of demonstrators reporting 3
3. Total acreage of this crop grown under improved methods on demonstration farms 7
4. Average yield per acre on demonstrations -
Seed (bushels) 77, Cured hay (tons) 1
5. Increased yield on demonstrations over ordinary methods -
Seed (bushels) 2, 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 5
9. Number of acres grazed off 2; Estimated value per acre of grazing \$5.00
10. Total number of acres turned under for soil improvement _____
11. Total number of acres inoculated _____ by Department cultures _____
by inoculated soils _____
12. Give estimate of the number of acres in your territory which were planted to this crop due to your influence 7
13. If possible give the increase by years -
First year's increase _____ acres Third year's increase _____ acres
Second " " _____ acres Fourth " " _____ acres

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

Farmers are beginning to seed soy beans a little more the last two years.

One demonstrator says he likes soy beans better than he does cowpeas. He are urging Dem. and farmers to grow them for hogs.

He advised one farmer who cut one acre after the seed had matured to thresh them out for the community use.

Two farmers cut six tons of Soy bean hay.

POTATOES

(SWEET OR IRISH)

IRISH

SPACE FOR AGENT'S NAME

J. F. Wilson,

Keyesville, Va.

1. Number of demonstrators 2
2. Number of demonstrators reporting 2
3. Total acreage of potato demonstrations 1¹/₂
4. Average yield per acre on demonstrations (bushels) 45
5. Estimate number of acres treated for diseases, insects and pests, due to your influence 15
6. Estimate number of acres worked by improved methods due to your advice 75
7. Estimate number of acres in potatoes when agent's work started 20 Nov95
8. Estimate number of acres increased due to county agent's work 75
9. How have you been able to assist in marketing the crops? Potatoes and
other truck grown in my county are for home use except a little surplus
that is sold in the local markets.

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

Demonstrators and farmers in this county grow truck for home use and sell some in the local markets when they have any left over.

The acreage of both white and sweet potatoes was increased greatly this year.

Four hundred farmers raised enough potatoes to last them until potatoes come again.

Two hundred have enough to last them 6 months.

Dem. W. B. Bedford, Drake's Branch #1, dug 40 bu. from his dem. plat.

Dem. J. C. Johns, dug 20 bu.

SPACE FOR AGENT'S NAME.

J. F. Wilson,
Keyesville, Va.

ORCHARDS.

1. Number of demonstration home orchards 50Kind: Apple 25 Peach 25 (etc.) Mixed.2. Total number of trees in these demonstrations 286

Give statement of results on reverse side.

3. Number of orchards inspected 33 No. trees 2864. Number of orchards pruned due to your influence 12 No. trees 1965. Number of orchards sprayed due to your influence 1 No. trees 186. Number of peach orchards worked due to your influence 4 No. trees 387. Number of orchards planted due to your influence 5 No. trees 65TOTAL 46 602

8. How many commercial orchards have you assisted in caring for? _____

9. How many trees did you actually spray? _____, pruned 32, worked 18.

10. Report of special campaigns, results, etc. _____

Trees that were pruned and pruned bore more and larger fruit.

Fifty farmers pruned and worked their fruit trees and were wellpleas-

ed for their work

Farmers in this county do not grow apples for commercial purposes, but they sell some at home and in the local markets when they have more than they can use.

One hundred farmers have from 3 to 10 lbs. gathered this fall - in suchness they market a few bu.

J. F. Wilson,

Keyesville, Va.

HORSES.

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

DAIRY CATTLE.

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

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

BEEF CATTLE.

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

DIPPING VATS.

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

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

HOSS.

J. F. Wilson,

Hayesville, Va.

1. How many head of pure blood hogs have been brought in this year due to your influence? 3 Boars 2 Sows or gilts 1

2. How many extra head of pure blood and grade sows have been bred, due to your influence? 40

3. How many herds have been started? 10

4. How many hog feeding demonstrations did you supervise? 20

5. How many hogs in these demonstrations? 150

6. On how many of these demonstrations were records kept? 3

(Give results in dollars, rate of gain, amount and cost of gain, total profit, detailed statements of productions, etc., and attach hereto.)

7. Give number of farmers, number of hogs and results of "hogging off" or grazing of crops, in same manner as above.

8. How many hog pastures have you induced farmers to start? 48
25 farmers- 150 hogs.

9. Give number of farmers induced to start the growing of grazing crops for hogs 50

10. Estimate number of hogs fed or cared for according to methods which you advocated 250

11. Give number of pure blood boars when demonstration work started 0 Now 110

12. " " " hogs in county " " " " 1000 Now 1500

13. Give increase in shipment of hogs from the county by years since demonstration work started The little that is sold is sold in the local market

The raising of hogs in Charlotte County is growing more and more important each year. Farmers who raised 1 to 2 hogs before war work began are putting up wire for pastures and raising 4 to 6 fine hogs.

One Demonstrator made 2 lots for hogs, sowed rye as grazing, for 4 hogs and in the other lot he sowed velvet beans. Another Demo- sowed 3 shifts to rape on which he reared 10 hogs, turning them from one lot to another. One dem/ has eight excellent hogs which he reared mostly on butter milk.

One Dem. raised 5 fine hogs on grazing crops, he has three lots, one in clover, one in rape and one in soy beans.

Forty-eight small lots were sowed to either rape-clover or-cowpeas.

Fifty farmers raised meat enough to their own use and a little for the market.

Two hundred raised enough to carry them 5 months.

One hundred and fifty raised enough to carry them 5 months.

Dem. J. W. Wilson, Keyesville, Va. Killed 1000 lbs.

Dem. John Almond, Keyesville, Va. " 900 "

Dem. Willie Morton, Charlotte, Va. " 1200 lbs.

Dem. Snell, Rolling Hill, Va. " 800 "

SHEEP AND GOATS

DEMONSTRATION

SPECIFY IF SHEEP OR GOATS - SEPARATE SHEET FOR EACH

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

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

POULTRY.

1. How many poultry demonstrations? 8
2. Number of each kind of poultry grown and cared for according to methods which you advocate.

Chickens 2475

Turkeys 25

Ducks ---

Geese 8

Guineas ---

3. On how many farms has poultry management been improved as a result of your work? 8 Number of birds on these farms 2508
4. Do you give advice on poultry diseases? YRS (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.) 4
7. How many communities are raising same kind of poultry? ---
8. Are poultry products collected on cream routes? NR.

We have tried but with no success in getting housewives to want the roosters as they make Spring and Fall settings and have to have fertile eggs.

But we have succeeded in getting some to get pure bred roosters.

**LIVE STOCK
DISEASES AND PESTS.**

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

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

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

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

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

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

Cattle: Blackleg _____, Anthrax or Charbon - - _____,
 Tuberculosis - - - - _____
 Hogs: Hog cholera _____
 Horses: Anthrax or Charbon _____

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

FERTILIZER.

SPACE FOR AGENT'S NAME

J. F. Wilson,

Keyesville, Va.

1. How many farmers have you advised regarding proper use of fertilizers? 100
2. How many fertilizer demonstrations are the farmers conducting with you? _____
3. How much fertilizer used on such demonstrations? _____ (tons)
4. How many communities have you influenced to buy fertilizers cooperatively? 2
 - Quantity bought cooperatively - - - 33 (tons)
 - Value of fertilizer bought cooperatively - \$ 900.
 - Amount saved - - - - - \$ 140.
5. Number of farmers home-mixing fertilizer on your advice _____
6. Estimated saving per ton to farmers \$ _____
7. Number of farmers who top-dressed crops with fertilizer at your suggestion 1

MANURE.

SPACE FOR AGENT'S NAME

J. F. Wilson,

Keyesville, Va.

1. How many farmers have you induced to take better care of farm manure? 100
2. How many have provided manure sheds at your suggestion? _____
3. How many are composting farm manure and waste products? 3
4. How many manure spreaders are in the county? _____
5. How many have you helped to place? _____
6. How many farmers are using phosphate or other material for reinforcing farm manure? _____
7. Estimated quantity of farm manure now being saved in your territory 2500 (tons).

The farmers of Charlotte county are paying more attention to raising and care of manure. They have no sheds under which to throw it but they let it stay in the barn until they are ready to haul it, and then they carry it directly to the field and spread it.

NEWS NO. 2227

SPACE FOR AGENT'S NAME

SILOS.

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

L I M E .

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

REPORT FOR AGENT'S STATE

J. F. Wilson,

Keyesville, Va.

ORGANIZATION.

1. How many farmers' clubs have you assisted in organizing? 22
2. Give total membership of these clubs 108
3. Give the name and address of each club and state briefly the object of each.
(Use other side if additional space is necessary)
- Cullen Club, Cullen, Va.- Rolling Hill Club, Rolling Hill, Va.
- Phoenix Club, Charlotte #3- Keyesville Club, Keyesville, Va.
- Antioch Club, Keyesville, Va. #3
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? no
If so, what is it called? _____
Who may be members of the central organization? _____
6. What other organizations of farmers or business men cooperate with or support your work? County Board of Supervisors.
7. State the quantity of each farm product bought or sold by these organizations and the approximate saving to the farmer _____

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

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

Fort Mitchell Club

Fort Mitchell, Va.

Shiloh Club

Drakes Branch, Va. R.D. 1

Roanoke Club

Charlotte- R.D.1

Rough Creek Club

Charlotte- R. D. #3

Germanstown Club

Charlotte R.D. #2

The object of these clubs is for county development along the lines of education, cooperation and farm and home improvement.

**FARM AND FARMSTEAD
IMPROVEMENTS.**

THINGS DONE WITH AGENT'S ASSISTANCE AND ADVICE:

1. Number of buildings erected 4
2. Number of farm buildings improved 6
3. Number of new building plans furnished _____
4. Number of farm buildings painted or whitesashed 36
5. Number of home water systems installed or improved 2
6. Number of home water systems in county before demonstration work started _____
 Number now _____ 2
7. Number of home lighting systems installed 1
8. Number of home lighting systems in county before demonstration work started _____
 Number now _____ 1
9. Number of home grounds improved 16
10. Number of farm and home sanitary conditions improved 52
11. Number of hoops screened against flies and mosquitoes 180
 Number of fly traps installed 16
12. Number of sanitary privies erected 3
13. Number of telephone systems installed 2
14. Number of farmers furnished plans and induced to adopt a systematic rotation _____
15. Total acreage of such rotations 340
17. Crops commonly used in these rotations:
 Tobacco- wheat- grass- corn- and crimson clover.

17. Number of new pastures established _____
18. Number of old pastures renovated 12 Acreage 55
19. Number of drainage systems established in county 8
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 18 Acreage 180
23. Number of farmers induced to terrace their sloping lands 50 Acreage 123
24. Number of home gardens planted or improved 128
25. Number of farmers induced to save surplus farm products for winter use 325
26. Number of road improving demonstration assisted in _____
27. Number of miles of improved roads resulting therefrom _____
28. Number of farmers who planted cover crops to be turned under 135
29. Number of acres in each kind of cover crop:
- | | | | |
|------|-----------------------|---------|------------|
| Crop | <u>Rye</u> | Acreage | <u>100</u> |
| Crop | <u>Crimson Clover</u> | Acreage | <u>35</u> |
| Crop | _____ | Acreage | _____ |
| Crop | _____ | Acreage | _____ |
30. Number of new implements and tools bought:
- | | | | | | |
|------------------------|----------|--------------|-----------|------------------|------------|
| Binders | <u>1</u> | Mowers | <u>1</u> | Hay rakes | <u>1</u> |
| Hay presses | _____ | Grain drills | _____ | Ensilage cutters | _____ |
| Gas engines | _____ | Disk harrows | <u>1</u> | Cream separators | _____ |
| Cultivators: two horse | <u>1</u> | one horse | <u>10</u> | Small tools | <u>151</u> |
| Spraying machines | _____ | Etc. | _____ | | _____ |

**MISCELLANEOUS
DEMONSTRATION WORK.**

- | | | | |
|--|---------------------------|-----|--|
| | DEMONSTRATORS | 148 | |
| | COOPERATORS | 207 | |
| | OTHER FARMERS | 15 | |
| | BUSINESS MEN | 6 | |
| | BOYS & GIRLS CLUB MEMBERS | | |
1. Number of visits by agent to _____
2. Number of miles traveled _____
- | | | | |
|--|-----------|------|------------|
| | Railroad | 887 | |
| | Team | 2080 | |
| | Otherwise | 22 | Total 2989 |
3. Calls on agent relative to work at office or home (Personal 14
(Telephone 1
4. Number of farmers' meetings held under auspices of agent
or Extension Division _____ 26
5. How many meetings of all kinds did you address? 44 _____
6. Total attendance at such meetings (approximate) _____ 8000
7. How many field meetings held by you? _____
8. Total attendance at these meetings _____ 34
9. What per cent of time spent at office work? 33 _____
- | | | |
|---------|----------------|-----|
| HOW | CORRESPONDENCE | 11% |
| DIVIDED | CONFERENCE | 5% |
| | MISCELLANEOUS | 17% |
10. What per cent of time spent in field work? 67 _____
- | | | |
|---------|-----------------------|-----|
| HOW | SUPERVISING REG. DEM. | 30% |
| DIVIDED | OTHER FARM VISITS | 19% |
| | AT MEETINGS | 15% |
| | ASSISTED IN SHORT | |
| | COURSE WORK | |
| | ORGANIZATION | 2% |
11. Number of official letters written _____ 300
12. Number of articles relating to your work prepared for publication _____
13. Number of circular letters prepared by you and sent out _____ 25
(Give list and copy of each if possible.)
14. Number of bulletins or circulars of U. S. Department of Agriculture
distributed _____ 435
15. Number of bulletins or circulars from State College or State
Department of Agriculture distributed _____ 233
16. Number of visits to schools relating to work _____ 18

17. In how many schools did you assist in outlining an agricultural course? _____
18. How many Extension schools or short courses did you assist in? _____
19. Total attendance at these schools _____
20. Total number of days you were engaged in these schools _____
21. Number of farmers who attended short courses at college as a result of your effort _____
22. Number of boys attending Agricultural or other schools or colleges as result of club work _____
23. How many girls attended industrial or other schools as result of girls' club-work? _____
24. How many times have you been visited by specialists from college or the Department? _____
25. Was there a county fair held in your county? Yes
26. How many demonstrators, cooperators and club members had exhibits? 233
27. How many prizes won? 416
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 crop records at your instance?
Complete 29 Partial 15
31. How many farmers in your county are practicing fall plowing as result of county agent's work? 800
32. How many farmers are selecting seed? _____
33. How many farmers are growing any kind of improved seed for sale? 29
34. How many good 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? 300

Number of farmers growing sugar cane- 300
Number of Sal-1,800

Thos. Johnson, Charlotte N. C. made 60 gal.
G. P. Barrett, Rolling Hill, Va. made 40 Gal.

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

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

HOW MANY OF YOUR DEMONSTRATORS AND COOPERATORS ARE:

1. Raising practically all their home supplies? 300
2. Have opened new bank accounts since beginning demonstration work? 300
3. Have increased their bank deposits since beginning demonstration work? 150
4. Own their farms? 200
5. Have mortgages on their farms? 300
6. Have paid off their mortgages since beginning demonstration work? 150
7. Trading on a cash basis since beginning demonstration work? 100
8. Do the bankers and merchants favor demonstration farmers in placing business, such as in the loaning of money and extension of credit?

If no, give examples. One of my men paid a mortgage off the other day.

-I was present and heard the man to whom he paid the money say he did not mind favoring him as he had found him to be a responsible man.

WHAT PER CENT OF YOUR DEMONSTRATORS AND FARMERS ARE:

9. Decreasing their indebtedness along various lines? 80%
10. Showing increased interest in agricultural meetings? 50%

11. Showing a desire to study their farm business and progress? 50%
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? 10%
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:

Dem A. F. Morton, Charlotte N. C. 23 had greatly increased his possibility since the dem work began. He was living in a little 3 room box cabin and seemed well contented- Now he has built a nice six room frame dwelling with 2 porches- screened for flies; He owns 130 acres of land and raises good crops. He has three head of cattle 25 or 30 acres under barbed wire, and raises about all the food he needs for his livestock. He has no indebtedness on his farm and is a real progressive farmer.

Another farmer raised corn 1 1/2 acres of land this year and he was tickled to death with the results - says he made more corn on that little land than he ever made before. He was a very hard man to convert to our methods of farming, but he heartily cooperates now and tries to carry out instructions.

