

Swyth County.....Virginia

County Agent Annual Report --1922

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E. S.

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
Washington, D. C.



REPORT OF WORK OF THE COUNTY AGENT

For November 30, 1922



State Virginia

County Swamp

Report of Lee M. Cole County Agent

From December 1, 1921 to November 30, 1922

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 agent's 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.

A separate narrative report should accompany this statistical summary.

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 and forage
Cover crops
Summer legumes
Potatoes (Irish and Sweet)
Truck crops and gardens
Sugar cane
Orchards

OTHER WORK:

Fertilizers
Farm manures
Silos
Dipping vats
Seed selection
Lime
Rotations
Pastures
Organizations
Farm buildings
Drainage
Farm machinery and tools
Clearing land, stumps, etc.
Timber and wood lots
Miscellaneous demonstration work
Effect of demonstration work on community, and human interest features
Successful undertakings
Work with negroes
Boys' club work

LIVE STOCK:

Horses
Dairy cattle
Beef cattle
Hogs
Sheep and goats
Poultry
Live stock diseases and pests

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.

COOPERATIVE EXTENSION WORK
IN
AGRICULTURE AND HOME ECONOMICS
STATE OF VIRGINIA

EXTENSION SERVICE

KEY TO MAP















- Community Organizations
- X Club Members
- Poultry Culling Demonstrations
- Demonstrations showing Corrosive Sublimate
treatment of cabbage seed
- Poultry feeding Demonstrations
- X Wilt-resistant cabbage Demonstrations

MAP OF COUNTY

SHOWING KIND AND DISTRIBUTION OF WORK.

The following sheet is to be used for an outline map of your county, to show the kinds and distribution of your work. Maps larger in size than this sheet may be used if desired. In some states, suitable maps, showing topography, railroads, rivers, election districts, etc., are obtainable from the Office of the State Geological Survey. It is suggested that a copy of the map furnished with your report be kept for your own office record, unless you already have one answering the same purpose.

The map is intended to show the approximate location of your various demonstrations, community clubs, boys' clubs, etc., each kind of demonstration club, or other activity to be indicated by the same sign or mark, so that a glance at the map will give a general impression of the nature and extent of the work. Be sure to enter at some convenient place along the margin of the map sheet a key or explanation to the various marks. For example, some such set of marks and key as the following might be used:

 community organizations;	 corn;	 cotton;	
 tobacco;	 wheat;	 oats;	 hay;
 legumes;	 potatoes;	 orchards;	 livestock;
 poultry;	 silo;	 boys' clubs; <u>gr</u> cream routes, etc.	

Additional signs may be used for other lines of work. The use of colored pencils for these signs, using one color for all the work of the same kind, makes such a map very effective. If further suggestions are desired in this connection write direct to this office. It is believed that a large outline map of the county, showing the kind and the location of the work, could be displayed to advantage in every county agent's office.

MAP OF COUNTY

SHOWING KIND AND DISTRIBUTION OF SOILS

The map is prepared on the basis of the soil survey conducted by the Agricultural Research Service, Department of Agriculture, during the years 1911-1914. The soil survey was conducted by the Agricultural Research Service, Department of Agriculture, during the years 1911-1914. The soil survey was conducted by the Agricultural Research Service, Department of Agriculture, during the years 1911-1914.

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1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

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COUNTY ORGANIZATIONS

1. Is there a central county committee supporting your work? Yes
2. If so, what is it called? Farm Bureau Board of Directors
3. Who constitute its membership? Representatives elected as Chairmen of the various local or community organizations.
4. How is membership selected or appointed? Any one interested in Agriculture becomes a member upon payment of dues.
5. Does this committee help you make a county plan of work? Yes
 → Started about 2 years ago. Has present form only about six months. Plan of operation changed with reorganization.
 How long has this county organization been in existence? _____
6. Number of communities in your county 25
7. How many community farmers' clubs have you assisted in organizing this year? 14
 Total membership 44200
8. How many community farmers' clubs have you in your county? 14
 Total membership about 200
9. How many community farmers' clubs have ceased to exist during the year? None
 (Give reason) _____
10. How many of these clubs are organized so as to include the farmer's wife, children, and others, in their membership? 14

The entire family is included in farm Bureau membership

COUNTY ORGANIZATIONS (Continued)

11. How have these clubs been helpful to the farmer and his family? (Use extra pages, if necessary)

These clubs were established as a result of county re-organization. Each Community Chairman is a member of the County Board which meets monthly - thus keeping the clubs in touch with the central organizations. They promise to be of benefit to the farmer, his family and the community.

12. Are these community farmers' clubs dependent on the county agent for their existence and the continuation of their efforts? no
13. Does each club have a community plan or program of work? (Attach a copy of such plans for the past year)

This will be the case in so far as each community can apply and assist in properly conducting the county program of work - This being outlined, as was the case this year, by the County Board of Directors, in cooperation with the County Agent. Local problems will certainly be handled by the community organizations, becoming in that way a part of the county program.

**COOPERATIVE BUYING
AND SELLING ORGANIZATIONS**

1. How many of your farmers' organizations buy and sell cooperatively? _____
2. State the quantity and value of each farm necessity or product bought or sold cooperatively by these organizations and the approximate saving to the farmer. Make a separate list of purchases and likewise one for sales, and indicate which are purchases and which sales. Report all livestock in carload lots, keeping the different kinds of livestock separate, for example, _____ cars cattle; _____ cars hogs, etc. Report all grains and potatoes in bushels and carloads, making a separate report on each kind of grain, i.e., 10 carloads, or 5000 bushels of corn. Report all seed in bushels, all fertilizer and lime in tons, and wool in pounds. In the column headed "value", report the amount at which the commodity was actually sold, or for which it was bought. If more commodities have been bought or sold than can be listed on this form, use an additional sheet. A full report on this subject is urged.

Article	Quantity		Value	Savings
	Cars	Bu., lbs. or tons		
*Bought			\$	\$
<i>Wheat</i>		<i>about 150 tons</i>	<i>12,130.00</i>	<i>1525.00</i>
*Sold	<i>approximate only. Official report not complete -</i>			
<i>Cabbage</i>		<i>13,423,726</i>	<i>95,876.3</i>	<i>Estimated Savings \$7,500.00</i>
<i>Potatoes</i>		<i>6,718 bags</i>	<i>12,227.44</i>	
<i>Wheat</i>		<i>4,247 "</i>	<i>4,446.00</i>	
<i>Apple</i>		<i>7,750 barrels</i>	<i>2222.00</i>	

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

Space for agent's stamp.

C O R N

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

1. Number of demonstrators _____
2. Number of demonstrators reporting _____
3. Total acreage of corn grown under improved methods on demonstration farms _____
4. Average yield per acre on demonstrations (bushels) _____
5. Estimated average yield for entire county (bushels) _____
6. Increased yield on demonstrations over ordinary methods (bushels) _____
7. Number of cooperators *About 100*
8. Total acreage of corn grown under improved methods by cooperators *2000 to 2500*
9. Average yield per acre on demonstrations by cooperators (bushels) *60 to 100*
10. Number of farmers testing seed corn for germination _____
11. Number of bushels so tested for germination _____
12. How many farmers planted selected seed on their demonstrations? *7*
13. Acreage planted with selected seed _____
14. Number of farmers you have influenced to select seed for next year's crop _____
15. Estimated amount of seed selected (bushels) _____
16. Number who turned under cover crops on their demonstration acres _____
17. Number of acres harvested for silage _____
18. Yield per acre harvested for silage (tons) _____
19. Number of acres "hogged down" _____
20. Estimated value per acre when utilized this way \$ _____
21. Number of acres treated for diseases or insect pests _____
22. On how many farms have you introduced the growing of corn or improved cultural methods? _____
23. Number of communities in which corn demonstrations were conducted _____

Space for agent's stamp.

C O R N

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

1. Number of demonstrators _____
2. Number of demonstrators reporting _____
3. Total acreage of corn grown under improved methods on demonstration farms _____
4. Average yield per acre on demonstrations (bushels) _____
5. Estimated average yield for entire county (bushels) _____
6. Increased yield on demonstrations over ordinary methods (bushels) _____
7. Number of cooperators _____
8. Total acreage of corn grown under improved methods by cooperators _____
9. Average yield per acre on demonstrations by cooperators (bushels) _____
10. Number of farmers testing seed corn for germination _____
11. Number of bushels so tested for germination _____
12. How many farmers planted selected seed on their demonstrations? _____
13. Acreage planted with selected seed _____
14. Number of farmers you have influenced to select seed for next year's crop _____
15. Estimated amount of seed selected (bushels) _____
16. Number who turned under cover crops on their demonstration acres _____
17. Number of acres harvested for silage _____
18. Yield per acre harvested for silage (tons) _____
19. Number of acres "hogged down" _____
20. Estimated value per acre when utilized this way \$ _____
21. Number of acres treated for diseases or insect pests _____
22. On how many farms have you introduced the growing of corn or improved cultural methods? _____
23. Number of communities in which corn demonstrations were conducted _____

C O R N

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

1. Number of demonstrators _____
2. Number of demonstrators reporting _____
3. Total acreage of corn grown under improved methods on demonstration farms _____
4. Average yield per acre on demonstrations (bushels) _____
5. Estimated average yield for entire county (bushels) _____
6. Increased yield on demonstrations over ordinary methods (bushels) _____
7. Number of cooperators _____
8. Total acreage of corn grown under improved methods by cooperators _____
9. Average yield per acre on demonstrations by cooperators (bushels) _____
10. Number of farmers testing seed corn for germination _____
11. Number of bushels so tested for germination _____
12. How many farmers planted selected seed? _____
13. Acreage planted with selected seed _____
14. Number of farmers you have influenced to select seed for next year's crop _____
15. Estimated amount of seed selected (bushels) _____
16. Number who turned under cover crops on their demonstration acres _____
17. Number of acres harvested for silage _____
18. Yield per acre harvested for silage (tons) _____
19. Number of acres "hogged down" _____
20. Estimated value per acre when utilized this way \$ _____
21. Number of acres treated for diseases or insect pests _____
22. On how many farms have you introduced the growing of corn or improved cultural methods? _____
23. Number of communities in which corn demonstrations were conducted _____

C O T T O N

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 demonstration farms (pounds seed cotton) _____
5. Estimated average yield for entire county (pounds seed cotton) _____
6. Increased yield per acre on demonstrations over ordinary methods -
(pounds seed cotton) _____
7. Number of cooperators _____
8. Total acreage grown under improved methods by cooperators _____
9. Average yield per acre by cooperators (pounds seed cotton) _____
10. Number of farmers testing seed cotton for germination _____
11. Number of bushels so tested _____
12. Number of demonstrators who planted pure or selected seed _____
13. Acreage planted with pure or selected seed _____
14. Number of farmers you have induced to field select seed for next
year's crop _____
15. How many turned under cover crops on their demonstration acres? _____
16. Number of acres treated for diseases or insect pests _____
17. Have you been able to get the farmers in any community to grow but
one variety of cotton? _____
18. On how many farms have you introduced the growing of cotton or im-
proved cultural methods? _____
19. Number of communities in which cotton demonstrations were conducted _____

(Space for agent's stamp)

SEED CERTIFICATION

Corn, wheat, oats, rye, soy beans, cow peas, peanuts

- | | |
|---|--|
| 1. Total number of demonstrations in certified seed production | <u>7</u> |
| 2. Number of farmers making ear-to-row tests or growing certified corn | <u>1</u> |
| 3. Total acreage of corn eligible for certification | <u>14 1/2</u> |
| 4. Number of farmers making hand selections of wheat or growing certified seed wheat | <u>2</u> |
| 5. Total acreage of wheat eligible for certification | <u>3</u> |
| 6. Number of farmers making hand selection of oats or growing certified oats | _____ |
| 7. Total acreage of oats eligible for certification | _____ |
| 8. Number of farmers growing certified rye | _____ |
| 9. Total acreage of rye eligible for certification | _____ |
| 10. Number of farmers growing certified soy beans | <u>1</u> |
| 11. Total acreage of soy beans eligible for certification | <u>15</u> |
| 12. Number of farmers growing certified cow peas | _____ |
| 13. Total acreage of cowpeas eligible for certification | _____ |
| 14. Number of farmers growing certified peanuts | _____ |
| 15. Total acreage of peanuts eligible for certification | _____ |
| 16. Estimated total value of certified seed produced in your county | <u>\$600.00 to \$650.00</u> |
| 17. Estimated increase in value of all certified crops as compared with values if ordinary crops had been grown | <u>about \$200.00</u> |
| 18. How many farmers used certified seed through your influence? | <u>all who could</u>
<u>second hand</u> |
| 19. Estimated total acreage of all crops planted with certified seed | _____ |
| 20. Estimated total increased value of all crops due to the use of certified seed | _____ |

(For additional remarks use reverse side of this sheet)

Space for agent's stamp.

T O B A C C O

1. Number of demonstrators _____
2. Number of demonstrators reporting _____
3. Total acreage in demonstrations _____
4. Average yield per acre (pounds) _____
5. Estimated average yield per acre for entire county (pounds) _____
6. Increased yield per acre of demonstrations over ordinary methods (pounds) _____
7. How many farmers have you induced to plant pure or selected seed? _____
8. Acreage planted with pure or selected seed _____
9. How many farmers treated tobacco seed for disease? _____
10. How many acres did this treated seed plant? _____
11. On how many farms have you introduced the growing of tobacco or improved cultural methods? _____
12. Number of communities in which tobacco demonstrations were conducted _____

Space for agent's stamp

T O M A T O E S

1. Number of demonstrators _____
2. Number of demonstrators reporting _____
3. Total acreage in demonstrations _____
4. Average yield per acre (bushels) _____
5. Estimated average yield per acre for entire county (bushels) _____
6. Increased yield per acre of demonstrations over ordinary methods (bushels) _____
7. How many farmers have you induced to plant pure or selected seed? _____
8. How many farmers have you induced to field select seed for next year's crop? _____
9. Acreage planted with pure or selected seed _____
10. How many turned under cover crops on their demonstration acres? _____
11. How many tomato farmers did you influence to adopt a rotation system? _____
12. State the number of acres treated for insect pests _____
13. Estimate increased value per acre resulting from treatment \$ _____
14. State the number of acres treated for diseases _____
15. Estimate increased value per acre resulting from treatment \$ _____
16. How many demonstrators grew their own plants? _____
17. How many farmers have you induced to construct hot beds? _____
18. On how many farms have you introduced the growing of tomatoes or improved cultural methods? _____
19. Number of communities in which tomato demonstrations were conducted _____

Space for agent's stamp.

SMALL GRAINS

(Oats, Wheat, Rye, Barley, Buckwheat)

Demonstration

(Enter here name of crop - separate sheet for each)

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 (bushels) _____
5. Estimated average yield per acre for entire county (bushels) _____
6. Increased yield per acre on demonstrations over ordinary methods (bushels) _____
7. Number of cooperators _____
8. Total acreage grown under improved methods by cooperators _____
9. Average yield per acre by cooperators (bushels) _____
10. Number of farmers testing seed for germination _____
11. Number of bushels so tested _____
12. Number of demonstration acres threshed for grain _____
13. Acreage planted with pure or selected seed _____
14. Number of demonstration acres cut for hay _____
15. Average yield of cured hay per acre on demonstrations (tons) _____
16. Increase per acre of cured hay on demonstrations over ordinary methods (tons) _____
17. Number of acres grazed off _____
18. Estimated value per acre of grazing \$ _____
19. Number of acres turned under for soil improvement _____
20. How many bushels of seed were treated for smut? _____
21. On how many farms have you introduced the growing of small grains or improved cultural methods? _____
22. Number of communities in which demonstrations were conducted _____

Space for agent's stamp.

SMALL GRAINS

(Oats, Wheat, Rye, Barley, Buckwheat)

Demonstration

(Enter here name of crop - separate sheet for each)

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 (bushels) _____
5. Estimated average yield per acre for entire county (bushels) _____
6. Increased yield per acre on demonstrations over ordinary methods (bushels) _____
7. Number of cooperators _____
8. Total acreage grown under improved methods by cooperators _____
9. Average yield per acre by cooperators (bushels) _____
10. Number of farmers testing seed for germination _____
11. Number of bushels so tested _____
12. Number of demonstration acres threshed for grain _____
13. Acreage planted with pure or selected seed _____
14. Number of demonstration acres cut for hay _____
15. Average yield of cured hay per acre on demonstrations (tons) _____
16. Increase per acre of cured hay on demonstrations over ordinary methods (tons) _____
17. Number of acres grazed off _____
18. Estimated value per acre of grazing \$ _____
19. Number of acres turned under for soil improvement _____
20. How many bushels of seed were treated for smut? _____
21. On how many farms have you introduced the growing of small grains or improved cultural methods? _____
22. Number of communities in which demonstrations were conducted _____

Space for agent's stamp

SMALL GRAINS

(Oats, Wheat, Rye, Barley, Buckwheat)

Demonstration
(Enter here name of crop - separate sheet for each)

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 (bushels) _____
5. Estimated average yield per acre for entire county (bushels) _____
6. Increased yield per acre on demonstrations over ordinary methods (bushels) _____
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10. Number of farmers testing seed for germination _____
11. Number of bushels so tested _____
12. Number of demonstration acres threshed for grain _____
13. Acreage planted with pure or selected seed _____
14. Number of demonstration acres cut for hay _____
15. Average yield of cured hay per acre on demonstrations (tons) _____
16. Increase per acre of cured hay on demonstrations over ordinary methods (tons) _____
17. Number of acres grazed off _____
18. Estimated value per acre of grazing \$ _____
19. Number of acres turned under for soil improvement _____
20. How many bushels of seed were treated for smut? _____
21. On how many farms have you introduced the growing of small grains or improved cultural methods _____
22. Number of communities in which demonstrations were conducted _____

SMALL GRAINS

(Oats, Wheat, Rye, Barley, Buckwheat)

Demonstration

(Enter here name of crop - separate sheet for each)

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 (bushels) _____
5. Estimated average yield per acre for entire county (bushels) _____
6. Increased yield per acre on demonstrations over ordinary methods (bushels) _____
7. Number of cooperators _____
8. Total acreage grown under improved methods by cooperators _____
9. Average yield per acre by cooperators (bushels) _____
10. Number of farmers testing seed for germination _____
11. Number of bushels so tested _____
12. Number of demonstration acres threshed for grain _____
13. Acreage planted with pure or selected seed _____
14. Number of demonstration acres cut for hay _____
15. Average yield of cured hay per acre on demonstrations (tons) _____
16. Increase per acre of cured hay on demonstrations over ordinary methods (tons) _____
17. Number of acres grazed off _____
18. Estimated value per acre of grazing \$ _____
19. Number of acres turned under for soil improvement _____
20. How many bushels of seed were treated for smut? _____
21. On how many farms have you introduced the growing of small grains or improved cultural methods? _____
22. Number of communities in which demonstrations were conducted _____

SMALL GRAINS

(Oats, Wheat, Rye, Barley, Buckwheat)

Demonstration

(Enter here name of crop - separate sheet for each)

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 (bushels) _____
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6. Increased yield per acre on demonstrations over ordinary methods (bushels) _____
7. Number of cooperators _____
8. Total acreage grown under improved methods by cooperators _____
9. Average yield per acre by cooperators (bushels) _____
10. Number of farmers testing seed for germination _____
11. Number of bushels so tested _____
12. Number of demonstration acres threshed for grain _____
13. Acreage planted with pure or selected seed _____
14. Number of demonstration acres cut for hay _____
15. Average yield of cured hay per acre on demonstrations (tons) _____
16. Increase per acre of cured hay on demonstrations over ordinary methods (tons) _____
17. Number of acres grazed off _____
18. Estimated value per acre of grazing \$ _____
19. Number of acres turned under for soil improvement _____
20. How many bushels of seed were treated for smut? _____
21. On how many farms have you introduced the growing of small grains or improved cultural methods? _____
22. Number of communities in which demonstrations were conducted _____

HAY, FORAGE, OR COVER CROPS

NOTE: This form to be used for such crops as Alfalfa, Crimson, Alsike, Red, Bar and Sweet Clover, 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.

Sweet Clover

Demonstration

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

1. Number of demonstrators 1
2. Number of demonstrators reporting
3. Total acreage in this crop on demonstrations 6
4. Average yield per acre on demonstrations (tons of cured hay)
5. Estimated average yield per acre for entire county (tons of cured hay)
6. Number of acres cut for hay
7. Increased yield per acre of demonstrations over ordinary methods (tons of cured hay)
8. Number of acres grazed off
9. Estimated value per acre of grazing \$
10. Number of cooperators
11. Total acreage grown by cooperators
12. Average yield per acre by cooperators (tons of cured hay)
13. How many acres (if legume) were inoculated?
14. How many farmers ordered inoculating material through you from U.S. Department of Agriculture?
15. How many demonstration acres were turned under for soil improvement? 1
16. Estimate total number of acres in county turned under by agent's advice
17. How many acres were sown this fall?
18. On how many farms have you introduced the growing of hay, forage, or cover crops, or improved cultural methods?
19. Number of communities in which demonstrations were conducted

HAY, FORAGE, OR COVER CROPS

NOTE: This form to be used for such crops as Alfalfa, Crimson, Alsike, Red, Bur and Sweet Clover, Lespedeza, Vetch, Vetch and Oats, - Wheat, or Rye, Crimson Clover and Oats - Wheat or Tye, 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 on demonstrations _____
4. Average yield per acre on demonstrations (tons of cured hay) _____
5. Estimated average yield per acre for entire county (tons of cured hay) _____
6. Number of acres cut for hay _____
7. Increased yield per acre of demonstrations over ordinary methods (tons of cured hay) _____
8. Number of acres grazed off _____
9. Estimated value per acre of grazing \$ _____
10. Number of cooperators _____
11. Total acreage grown by cooperators _____
12. Average yield per acre by cooperators (tons of cured hay) _____
13. How many acres (if legume) were inoculated? _____
14. How many farmers ordered inoculating material through you from U. S. Department of Agriculture? _____
15. How many demonstration acres were turned under for soil improvement? _____
16. Estimate total number of acres in county turned under by agent's advice _____
17. How many acres were sown this fall? _____
18. On how many farms have you introduced the growing of hay, forage, or cover crops, or improved cultural methods? _____
19. Number of communities in which demonstrations were conducted _____

HAY, FORAGE, OR COVER CROPS

NOTE: This form to be used for such crops as Alfalfa, Crimson, Alsike, Red, Bur and Sweet Clover, 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 on demonstrations _____
4. Average yield per acre on demonstrations (tons of cured hay) _____
5. Estimated average yield per acre for entire county (tons of cured hay) _____
6. Number of acres cut for hay _____
7. Increased yield per acre of demonstrations over ordinary methods (tons of cured hay) _____
8. Number of acres grazed off _____
9. Estimated value per acre of grazing \$ _____
10. Number of cooperators _____
11. Total acreage grown by cooperators _____
12. Average yield per acre by cooperators (tons of cured hay) _____
13. How many acres (if legume), were inoculated? _____
14. How many farmers ordered inoculating material through you from U. S. Department of Agriculture? _____
15. How many demonstration acres were turned under for soil improvement? _____
16. Estimate total number of acres in county turned under by agent's advice _____
17. How many acres were sown this fall? _____
18. On how many farms have you introduced the growing of hay, forage, or cover crops, or improved cultural methods? _____
19. Number of communities in which demonstrations were conducted _____

HAY, FORAGE, OR COVER CROPS

NOTE: This form to be used for such crops as Alfalfa, Crimson, Alsike, Red, Bur and Sweet Clover, 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 on demonstrations _____
4. Average yield per acre on demonstrations (tons of cured hay) _____
5. Estimated average yield per acre for entire county (tons of cured hay) _____
6. Number of acres cut for hay _____
7. Increased yield per acre of demonstrations over ordinary methods (tons of cured hay) _____
8. Number of acres grazed off _____
9. Estimated value per acre of grazing \$ _____
10. Number of cooperators _____
11. Total acreage grown by cooperators _____
12. Average yield per acre by cooperators (tons of cured hay) _____
13. How many acres (if legume) were inoculated? _____
14. How many farmers ordered inoculating material through you from U. S. Department of Agriculture? _____
15. How many demonstration acres were turned under for soil improvement _____
16. Estimate total number of acres in county turned under by agent's advice _____
17. How many acres were sown this fall? _____
18. On how many farms have you introduced the growing of hay, forage, or cover crops, or improved cultural methods? _____
19. Number of communities in which demonstrations were conducted _____

Space for agent's stamp

SUMMER LEGUMES

(Cowpeas, Soy Beans, Velvet Beans, Peanuts, etc.)

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

1. Number of demonstrators _____
2. Number of demonstrators reporting 2
3. Total acreage of this crop grown under improved methods on demonstrations 27
4. Average yield per acre on demonstrations (bushels of seed) about 75
5. Average yield per acre on demonstrations (tons cured hay) 1/2
6. Estimated average yield per acre for entire county (bushels of seed) _____
7. Estimated average yield per acre for entire county (tons cured hay) _____
8. Increased yield per acre on demonstrations over ordinary methods (bushels of seed) _____
9. Increased yield per acre on demonstrations over ordinary methods (tons cured hay) _____
10. Number of cooperators _____
11. Total acreage grown under improved methods by cooperators 50/10
250/100
12. Average yield per acre by cooperators (bushels of seed) _____
13. Average yield per acre by cooperators (tons cured hay) _____
14. Number of farmers testing seed for germination _____
15. Total number of bushels seed so tested _____
16. Acreage planted with pure or selected seed about 50
17. Total acreage of demonstrators and cooperators threshed for seed _____
18. Total acreage of demonstrators and cooperators cut for hay _____
19. Number of acres grazed off _____
20. Estimated value per acre of grazing. \$ _____
21. Total number of acres turned under for soil improvement _____
22. Total number of acres inoculated - by Department cultures 15
23. Total number of acres inoculated - by inoculated soil _____
24. Total number of acres inoculated - by commercial cultures 12
25. Give estimate of the number of acres in your territory which were planted this year to this crop due to your influence 35
26. On how many farms have you introduced the growing of summer legumes or improved cultural methods? _____
27. Number of communities in which demonstrations were conducted _____

SUMMER LEGUMES

(Cowpeas, Soy Beans, Velvet Beans, Peanuts, etc.)

Demonstration

(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 demonstrations _____
4. Average yield per acre on demonstrations (bushels of seed) _____
5. Average yield per acre on demonstrations (tons cured hay) _____
6. Estimated average yield per acre for entire county (bushels of seed) _____
7. Estimated average yield per acre for entire county (tons cured hay) _____
8. Increased yield per acre on demonstrations over ordinary methods (bushels of seed) _____
9. Increased yield per acre on demonstrations over ordinary methods (tons cured hay) _____
10. Number of cooperators _____
11. Total acreage grown under improved methods by cooperators _____
12. Average yield per acre by cooperators (bushels of seed) _____
13. Average yield per acre by cooperators (tons cured hay) _____
14. Number of farmers testing seed for germination _____
15. Total number of bushels seed so tested _____
16. Acreage planted with pure or selected seed _____
17. Total acreage of demonstrators and cooperators threshed for seed _____
18. Total acreage of demonstrators and cooperators cut for hay _____
19. Number of acres grazed off _____
20. Estimated value per acre of grazing \$ _____
21. Total number of acres turned under for soil improvement _____
22. Total number of acres inoculated - by Department cultures _____
23. Total number of acres inoculated - by inoculated soil _____
24. Total number of acres inoculated - by commercial cultures _____
25. Give estimate of the number of acres in your territory which were planted this year to this crop due to your influence _____
26. On how many farms have you introduced the growing of summer legumes or improved cultural methods? _____
27. Number of communities in which demonstrations were conducted _____

Space for agent's stamp.

SUMMER LEGUMES

(Cowpeas, Soy Beans, Velvet Beans, Peanuts, etc.)

Demonstration

(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 demonstrations _____
4. Average yield per acre on demonstrations (bushels of seed) _____
5. Average yield per acre on demonstrations (tons cured hay) _____
6. Estimated average yield per acre for entire county (bushels of seed) _____
7. Estimated average yield per acre for entire county (tons cured hay) _____
8. Increased yield per acre on demonstrations over ordinary methods (bushels of seed) _____
9. Increased yield per acre on demonstrations over ordinary methods (tons cured hay) _____
10. Number of cooperators _____
11. Total acreage grown under improved methods by cooperators _____
12. Average yield per acre by cooperators (bushels of seed) _____
13. Average yield per acre by cooperators (tons cured hay) _____
14. Number of farmers testing seed for germination _____
15. Total number of bushels seed so tested _____
16. Acreage planted with pure or selected seed _____
17. Total acreage of demonstrators and cooperators threshed for seed _____
18. Total acreage of demonstrators and cooperators cut for hay _____
19. Number of acres grazed off _____
20. Estimated value per acre of grazing \$ _____
21. Total number of acres turned under for soil improvement _____
22. Total number of acres inoculated - by Department cultures _____
23. Total number of acres inoculated - by inoculated soil _____
24. Total number of acres inoculated - by commercial cultures _____
25. Give estimate of the number of acres in your territory which were planted this year to this crop due to your influence _____
26. On how many farms have you introduced the growing of summer legumes or improved cultural methods? _____
27. Number of communities in which demonstrations were conducted _____

Space for agent's stamp

SUMMER LEGUMES

(Cowpeas, Soy Beans, Velvet Beans, Peanuts, etc.)

Demonstration

(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 demonstrations _____
4. Average yield per acre on demonstrations (bushels of seed) _____
5. Average yield per acre on demonstrations (tons cured hay) _____
6. Estimated average yield per acre for entire county (bushels of seed) _____
7. Estimated average yield per acre for entire county (tons cured hay) _____
8. Increased yield per acre on demonstrations over ordinary methods (bushels of seed) _____
9. Increased yield per acre on demonstrations over ordinary methods (tons cured hay) _____
10. Number of cooperators _____
11. Total acreage grown under improved methods by cooperators _____
12. Average yield per acre by cooperators (bushels of seed) _____
13. Average yield per acre by cooperators (tons cured hay) _____
14. Number of farmers testing seed for germination _____
15. Total number of bushels seed so tested _____
16. Acreage planted with pure or selected seed _____
17. Total acreage of demonstrators and cooperators threshed for seed _____
18. Total acreage of demonstrators and cooperators cut for hay _____
19. Number of acres grazed off _____
20. Estimated value per acre of grazing \$ _____
21. Total number of acres turned under for soil improvement _____
22. Total number of acres inoculated - by Department cultures _____
23. Total number of acres inoculated - by inoculated soil _____
24. Total number of acres inoculated - by commercial cultures _____
25. Give estimate of the number of acres in your territory which were planted this year to this crop due to your influence _____
26. On how many farms have you introduced the growing of summer legumes or improved cultural methods? _____
27. Number of communities in which demonstrations were conducted _____

IRISH POTATOES

- | | | |
|---|-----------|-------------------|
| 1. Number of demonstrators | | <u>1</u> |
| 2. Number of demonstrators reporting | | <u>1</u> |
| 3. Total acreage of potato demonstrations | | <u> </u> |
| 4. Average yield per acre on demonstrations | (bushels) | <u>150</u> |
| 5. Estimated average yield per acre for entire county | (bushels) | <u>100</u> |
| 6. Estimated number of acres planted with treated seed | | <u> </u> |
| 7. Estimated number of acres on which foliage was treated for diseases and insect pests | | <u> </u> |
| 8. How many farmers used certified seed through your influence? | | <u> </u> |
| 9. Total acreage planted with certified seed | | <u> </u> |
| 10. On how many farms have you introduced the growing of Irish potatoes or improved cultural methods? | | <u> </u> |
| 11. Number of communities in which Irish potato demonstrations were conducted | | <u> </u> |

SWEET POTATOES

Space for agent's stamp

1. Number of demonstrators _____
2. Number of demonstrators reporting _____
3. Total acreage of potato demonstrations _____
4. Average yield per acre on demonstrations (bushels) _____
5. Estimated average yield per acre for entire county (bushels) _____
6. Estimated number of acres planted with treated seed _____
7. Estimated number of acres on which foliage was treated for diseases and insect pests _____
8. Estimated increased acreage this year over last year due to county agent's work _____
9. How many storage houses built this year? _____
10. Total capacity of these storage houses (bushels) _____
11. How many storage houses in county? _____
12. Total capacity of storage houses in county (bushels) _____
13. Total number of bushels put in storage this year (bushels) _____
14. On how many farms have you introduced the growing of sweet potatoes or improved cultural methods? _____
15. Number of communities in which sweet potato demonstrations were conducted _____

H O R S E S

1. How many registered stallions have been secured this year, due to your influence? _____
2. How many registered jacks secured due to your influence? _____
3. How many registered brood mares secured due to your influence? _____
4. How many demonstrations in feeding horses or mules? _____
5. How many horses or mules in these demonstrations
(Report results under "Remarks") _____
6. How many horses or mules fed and cared for according to methods you have advocated? _____
7. How many pure-bred stallions in county now? _____
8. How many pure-bred jacks in county now? _____
9. Number of communities in which horse demonstrations were conducted _____

REMARKS :

DAIRY CATTLE

1. How many head of registered bulls have been secured this year through your influence? _____
2. How many head of registered cows or heifers have been secured this year through your influence? _____
3. How many head of pure-bred dairy cattle have you assisted your farmers in selling this year - through individual sales? _____
4. How many head of pure-bred dairy cattle have you assisted your farmers in selling this year - through group sales? _____
5. How many high-grade dairy cows have been secured this year through your influence? _____
6. How many cows have been tested by individuals at your instance to determine the profitable milk producers? _____
7. Do you carry or own a Babcock tester? _____
8. How many farmers have been induced to feed a better balanced ration to their stock? _____
9. How many head of stock so fed? _____
10. How many demonstrations in dairy work have you supervised? _____
11. How many cows in these demonstrations?(Report results under "Remarks") _____
12. How many new cream stations established this year due to your influence? _____
13. How many cream stations in county? _____
14. How many new cream routes established this year due to the influence of the county agent's work? _____
(If creameries have been established make report)
15. How many cheese factories in your county? _____
16. How many cheese factories established in your county this year? _____
17. How many pure-bred dairy bulls in the county now? _____
18. How many pure-bred dairy cows in the county now? _____

Space for agent's stamp

DAIRY CATTLE (Continued)

19. How many cow testing associations organized this year due to your influence? (Give report if any) _____
20. Number members in above Ass'ns? _____
21. " cows tested by " " ? _____
22. How many dairy breeders' associations established this year due to your influence? (Give report if any) _____
23. How many dairy bull associations established this year? _____
24. Number of members in these associations _____
25. Number of bulls in these associations _____
26. Total number of cows kept by members of these associations _____
27. Total number of bull associations now in operation in your county _____
28. Number of communities in which dairy cattle demonstrations were conducted _____

BEEF CATTLE

1. How many head of registered bulls have been secured this year through your influence? 31
2. How many head of registered cows or heifers have been secured this year through your influence? 45
3. How many head of pure-bred beef cattle have you assisted your farmers in selling this year - through individual sales? 5
4. How many head of pure-bred beef cattle have you assisted your farmers in selling this year - through group sales? _____
5. How many head of high-grade cows have been secured through your influence? _____
6. How many beef breeding herds were started this year due to your influence? 2
7. How many head of feeding cattle have been brought into the county this year through your influence? _____
8. How many beef feeding demonstrations did you supervise? _____
9. How many cattle in these feeding demonstrations? _____
10. 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")
11. Estimate the number of beef cattle cared for according to methods which you advocated - where methods were wholly followed _____
12. Estimate the number of beef cattle cared for according to methods which you advocated - where methods were partially followed _____
(Give results of these methods and special campaigns along beef cattle lines under "Remarks")
13. Number of beef cattle breeders' associations or clubs formed _____
14. Number of members of such associations or clubs _____
15. Number of pure-bred beef bulls in county now? _____
16. Number of pure-bred beef cows in county now? _____
17. Number of communities in which beef cattle demonstrations were conducted _____

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 _____

H O G S

1. How many head of registered boars have been secured this year due to your influence? _____
2. How many head of registered sows or gilts have been secured this year due to your influence? _____
3. How many head of pure-bred hogs have you assisted your farmers in selling this year - through individual sales? _____
4. How many head of pure-bred hogs have you assisted your farmers in selling this year - through group sales? _____
5. How many herds of pure-bred hogs have been started through your influence? 1 _____
6. How many hog feeding demonstrations did you supervise? _____
7. How many hogs in these demonstrations? _____
8. On how many of these demonstrations were records kept? _____
9. How many farmers used self-feeders secured at your suggestion? _____
10. How many farmers have you induced to start the growing of grazing crops for hogs? _____
11. Estimate number of hogs fed or cared for according to methods which you advocated _____
12. Give number of pure-bred boars in county now _____
13. Number of communities in which hog demonstrations were conducted _____

Space for agent's stamp

SHEEP AND GOATS

1. How many head of registered rams have been secured this year through your influence? 10
2. How many head of registered ewes have been secured this year through your influence? _____
3. How many head of pure-bred sheep and goats have you assisted your farmers in selling this year - through individual sales? _____
4. How many head of pure-bred sheep and goats have you assisted your farmers in selling this year - through group sales? _____
5. How many grade ewes have been brought into the county this year for breeding purposes due to your influence? _____
6. How many flocks have been started? _____
7. How many sheep-feeding demonstrations did you supervise? _____
8. How many sheep in these demonstrations? _____
9. On how many of these demonstrations were records kept? _____
10. How many farmers did you induce to grow grazing crops for sheep? _____
11. Estimated number of sheep fed or cared for according to methods which you advocated _____
12. Number of pure-bred rams in county now _____
13. Number of pure-bred ewes in county now _____
14. Report results of campaign for more sheep, eradication of dogs, etc., under "Remarks".
15. Number of communities in which sheep and goat demonstrations were conducted _____

Space for agent's stamp

P O U L T R Y

1. Number of poultry demonstrations _____

2. Number of each kind of poultry grown and cared for according to methods which you advocated

(Chickens
(Ducks
(Guineas
(Turkeys
(Geese

3
200000

TOTAL _____

3. On how many farms has poultry management been improved as a result of your work? _____

4. How many birds on these farms? _____

5. How many communities have adopted a standard variety of poultry? _____

6. On how many cream routes are poultry products collected? _____

7. How many flocks culled through your efforts? _____

8. Number of birds in flocks culled _____

9. Number of birds eliminated through culling _____

10. How many farmers were induced to raise standard bred poultry this year? _____

11. How many demonstrators were induced to practice early hatching? _____

12. How many winter feeding demonstrations? _____

13. Number of birds in these demonstrations? _____

14. Number of new poultry houses erected at your suggestion _____

15. Number of poultry houses remodeled at your suggestion _____

16. Report on reverse side of this sheet any work done on poultry diseases.

17. Number of communities in which poultry demonstrations were conducted _____

200000
10,000
5000
About 200
10,000
5000

200000
300000
250030

9 ✓
200

Space for agent's stamp

LIVE STOCK DISEASES AND PESTS

1. How many demonstrations have been conducted through your influence in treating or testing livestock for the control of the following:

	Demonstrations	* Animals treated
CATTLE	(Blackleg -----) <u>23</u>	<u>1900</u>
	(Anthrax or charbon -----)	_____
	(Digestive and other troubles -----)	_____
	(Tuberculosis -----)	_____
	(Ticks -----)	_____
	(Lice -----)	_____
HOGS	(Cholera (single treatment) -----)	_____
	(Cholera (simultaneous treatment) -----)	_____
	(Digestive and other troubles -----)	_____
	(Worms -----)	_____
	(Lice -----)	_____
	(Wange -----)	_____
SHEEP	(Stomach worms -----)	_____
	(Digestive and other troubles -----)	_____
	(Grubs -----)	_____
	(Scab -----) <u>15020</u>	<u>about 200</u> ✓
	(Ticks -----)	_____
HORSES	(Spinal meningitis -----)	_____
	(Digestive ailments -----)	_____
	(Anthrax or charbon -----)	_____
	(Distemper -----)	_____
	(Accidents -----)	_____
	(Other troubles -----)	_____

2. State in how many of the above demonstrations you actually treated livestock to demonstrate the method of treatment and the number of animals actually treated by you:

	Demonstrations	Animals
CATTLE, for Blackleg -----	<u>13</u>	<u>350</u>
CATTLE, for Tuberculosis -----	_____	_____
CATTLE, for Anthrax or charbon -----	_____	_____
HOGS, for Cholera -----	_____	_____
HORSES, for Anthrax or charbon -----	_____	_____

3. Have you instruments for such demonstrations? Yes
4. Report results of treatments and of campaigns for eradication or control of diseases or pests under "Remarks".

*Include all animals treated through your influence.

COOPERATIVE EXTENSION WORK 26a
IN
AGRICULTURE AND HOME ECONOMICS
STATE OF VIRGINIA

FEDERAL AGRICULTURAL AND MECHANICAL
COLLEGE AND POLYTECHNIC INSTITUTE
AND UNITED STATES DEPARTMENT OF
AGRICULTURE, COOPERATION

EXTENSION

SHEEP SCAB ERADICATION

Early last spring, the County Agent was called upon to render assistance for the control of a serious outbreak of Scabbies in one district of the County. This information was at once forwarded to the State Veterinarian, with request for assistance from that Department. Prompt action on the part of the State Department, made possible the calling of a meeting at once, at which time, the situation was fully presented, together with information as to the control of this dreaded parasite.

The advisability of building dipping vats, was discussed at this meeting. On the advice of the State Representative, the idea was abandoned, because of the necessity of moving infected sheep along the road to a community vat, the only kind under consideration.

Full instructions for the control of this trouble were given by the State Veterinarian. Lime sulfur dip was ordered immediately in spite of the fact that some farmers insisted on using other materials. All infected sheep were placed under quarantine and remain so, until after the required number of dippings had been made. Apparently the job was a complete clean-up for there hasn't been a complaint from that section since.

Some 15 or 20 temporary dipping vats were constructed on the various farms.

VIRGINIA

Road Map of SMYTH COUNTY, 1922
Not Photographed
SEE BULK FILE

Space for agent's stamp

FERTILIZERS

1. How many farmers consulted you regarding the use of fertilizers? 15 to 30
2. How many fertilizer demonstrations are the farmers conducting with you? _____
3. Total acreage in these demonstrations _____
4. How much fertilizer used on such demonstrations? (tons) _____
5. How many communities have you influenced to buy fertilizers cooperatively? 14
6. Quantity bought cooperatively (tons) _____
7. Value of fertilizer bought cooperatively (actual price paid by cooperative purchase) \$ _____
8. Total amount saved by cooperative purchases \$ _____
9. Number of farmers home-mixing fertilizer on your advice 1
10. Estimated number of tons home-mixed _____
11. Estimated saving to farmers (per ton) \$ 10.00
12. Number of communities in which fertilizer demonstrations were conducted _____

MANURE

1. How many farmers have you induced to take better care of farm manure? _____
2. How many have provided manure sheds at your suggestion? _____
3. How many are composting farm manure and waste products? _____
4. How many manure spreaders have been secured this year through your influence? _____
5. How many farmers are using phosphate or other material for reenforcing farm manure? _____
6. Number of communities in which manure demonstrations were conducted _____

Space for agent's stamp

S I L O S

1. How many silos have been constructed in your county this year? 5
2. How many silos constructed this year as a result of your advice? 2
3. How many silos are in county now? _____
4. Of the number of silos in county now there are:

Tile _____
Cement _____
Stave _____
Stone _____
Pit _____
Other _____
=====

TOTAL _____

5. Number of communities in which silo demonstrations were conducted _____

Space for agent's stamp

L I M E

1. Number of demonstrators 5
2. Number of demonstrators reporting _____
3. Total number of acres in lime demonstrations 60
4. How many farms, other than demonstrators, used lime of limestone this year due to your influence? _____
5. Quantity of burned lime or limestone used (tons) _____
6. Total number of acres treated this year _____
7. Number of local sources of lime developed _____
8. Number of lime crushers installed as a result of your work _____
9. Number of lime kilns built as a result of your work 3
10. Number of lime sheds constructed as a result of your work _____
11. Number of carloads shipped into your county _____
12. Number of farms on which soil was tested for acidity _____
13. Number of communities in which lime demonstrations were conducted _____

Space for agent's stamp

FARM AND FARMSTEAD
IMPROVEMENTS

THINGS DONE WITH AGENT'S ASSISTANCE AND ADVICE

	Dwelling	Other
1. Number of buildings erected	_____	_____
2. Number of farm buildings improved	_____	_____
3. Number of new building plans furnished	_____	<u>3</u>
4. Number of farm buildings painted or whitewashed	_____	_____
5. Number of home water systems installed this year	_____	_____
6. Total number of such systems in county now	_____	_____
7. Number of home lighting systems installed in county this year	_____	_____
8. Total number of such systems in county now	_____	_____
9. Number of windmills erected this year	_____	_____
10. Number of home grounds improved	_____	_____
11. Number of farm and home sanitary conditions improved	_____	_____
12. Number of homes screened against flies and mosquitoes	_____	_____
13. Number of sanitary privies erected	_____	_____
14. Number of sewage disposal systems installed	_____	_____
15. Number of telephone systems installed	_____	_____
16. Number of farmers furnished plans and induced to adopt systematic crop rotations	_____	_____
17. Total acreage of such rotations	_____	_____
18. Number of new pastures established	_____	_____
19. Total acreage of new pastures established	_____	_____
20. Number of old pastures renovated	_____	_____
21. Total acreage of old pastures renovated	_____	_____

FARM AND FARMSTEAD IMPROVEMENTS (Continued)

22. Number of drainage systems planned and adopted _____
23. Number of acres drained - by tile _____
24. Number of acres drained - by ditch _____
25. Number of farmers induced to remove stumps _____
26. Number of acres from which stumps were removed _____
27. Number of farmers induced to terrace their sloping lands _____
28. Total acreage so terraced _____
29. Number of home gardens planted or improved _____
30. Number of road improving demonstrations assisted in _____
31. Number of miles of improved roads resulting therefrom _____
32. Number of farmers who planted cover crops to be turned under _____
33. Number of new implements and tools bought:
- | | | | |
|---------------------|-------|-------------------|-------|
| Binders | _____ | Flows | _____ |
| Hay presses | _____ | Hay loaders | _____ |
| Gas engines | _____ | Farm levels | _____ |
| 2-horse cultivators | _____ | Grading machines | _____ |
| Tractors | _____ | Hay rakes | _____ |
| Motor trucks | _____ | Ensilage cutters | _____ |
| Corn planters | _____ | Cream separators | _____ |
| Ditching machines | _____ | Spraying machines | _____ |
| Mowers | _____ | Famure spreaders | _____ |
| Grain drills | _____ | Small tools | _____ |
| Disk harrows | _____ | | _____ |
| 1-horse cultivators | _____ | | _____ |
34. Number of communities in which farm and farmstead improvements were conducted _____

Space for agent's stamp

MISCELLANEOUS EXTENSION WORK

1. Number of visits by agent to - - -

(Demonstrators - - - - -	48
)Cooperators - - - - -	745
)Other farmers - - - - -	1425
)Business men - - - - -	
)Boys' and girls' club members - - - - -	24

TOTAL 857

2. Number of miles traveled - - - - -

(Railroad - - - - -	846
)Team - - - - -	
)Automobile - - - - -	665
)Otherwise - - - - -	

TOTAL 1511

3. Calls on agent at office and home relative to work - Personal 643 321

4. Calls on agent at office and home relative to work - Telephones 322

5. Number of farmers' meetings held under auspices of agent or Extension Division 72

6. How many meetings of all kinds, including field meetings, did you take part in? 83 53

7. Total attendance at these meetings (approximate) 368 6796

8. How many field meetings held by you? 68 41

9. Total attendance at these meetings 368 316 368

10. Number of days spent at office work? 100

How divided? (Correspondence	25
(Conference	25
(Miscellaneous	50
TOTAL	100

11. Number of days spent in field work? 190

How divided? (Supervising regular	
(Demonstrations	0
(Other farm visits	53
(At meetings	14
(Assisted in short course work	
(Organization and marketing	30
TOTAL	107

Space for agent's stamp

MISCELLANEOUS EXTENSION WORK
(Continued)

12. Number of official individual letters written 456
13. Number of articles relating to your work prepared and published _____
14. Number of different circular letters prepared by you and sent out 68
15. Total number of copies of such letters 15627
(Give list and copy of each, if possible).
16. Number of bulletins or circulars of U. S. Department of Agriculture distributed _____
17. Number of bulletins or circulars from State college or State department of agriculture distributed _____
18. Number of visits to schools relating to work _____
19. In how many schools did you assist in outlining an agricultural course? _____
20. How many extension schools or short courses did you assist in? _____
21. Total attendance at these schools _____
22. Total number of days you were engaged in these schools _____
23. Number of farmers who attended short courses at colleges as a result of your effort _____
24. Number of club boys who entered college for first time this year _____
25. How many times have you been visited by specialists from college or the Department? 2 or 10
26. Was there a county fair held in your county? Yes
27. How many demonstrators, cooperators and club members had exhibits? _____
28. How many of these won prizes? _____
29. How many demonstrations have you in truck or small fruit? 12
30. How many were successful from a financial standpoint? (all) 12
31. How many farm account books distributed to farmers? _____
32. How many farmers in your county did you assist to keep cost production records? _____

MISCELLANEOUS EXTENSION WORK

(Continued)

34. How many farmers in your county are practicing fall plowing as a result of county agent's work? _____
35. How many wood lots have been improved at your suggestion? _____
36. How many farmers in your county have been influenced to grow sugar cane or sorghum for syrup? _____
37. How many farmers began keeping bees this year or improved their methods at your suggestion? _____
38. Number of hives involved in previous questions _____
39. How many farmers induced to transfer from old to improved hives? _____
40. Number of hives involved in these transfers _____
41. How many new queens introduced? _____
42. How many honey extractors purchased? _____
43. List in following table work done in connection with seed improvement.

CROP	Improved seed secured		Improved seed offered for sale	
	Farms	Bushels	Farms	Bushels
Corn	6	8	3	700
Wheat	3	14	3	450
Rye				
Cotton		(lbs)		(lbs)
Oats				
Potatoes	1	3		
Tobacco		(oz.)		(oz.)
<i>Gilbey</i> Other		<i>Wilt resistant 190 #</i>		
<i>Soy Beans</i>	5	25	1	180

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COOPERATIVE EXTENSION WORK
IN
AGRICULTURE AND HOME ECONOMICS
STATE OF VIRGINIA

EXTENSION SERVICE

Poultry Culling and Improvement.

It is a recognized fact that most any forward looking movement or plan will meet with opposition from some source. We realize full well that there is opposition to Extension Service. With this fact in mind I cannot refrain, even without reflection as to what has been previously reported on this work, from saying a word as to the development of the Poultry Industry in this county. While this brief statement is intended to be general, the cold facts relative to poultry culling and improvement are throughout the county.

So well is this phase of Extension Service established, that rarely does the County Agent hear of a dissenting voice concerning it, although there are many yet to take advantage of the work. Hence, the foregoing statement as to opposition.. Places formerly occupied by fowls of variegated color are now seen to have some standard variety of poultry. thru culling demonstrations farmers and farm women are learning that the mongrels, not only bring "mongrel" prices on the market, but more important, that they will average a high percentage of culls, so far as eggproducing capacity is concerned.

The County Agent has encountered several instances in which the entire flock was discarded. The verdict is usually accepted, because the egg record of the past is known. You will hear some such remark as, "Well, I knew some thing was wrong that we didn't get eggs". Later, and only a few hours ago, the following was overheard, "I have the best bunch of laying hens and pullets that I have ever seen and I think it is due to consistent culling". So the story goes and almost becomes an endless chain.

This year some fifty culling Demonstrations were held in the various communities of the County, and for the most part, they were well attended, considering that the work was done, necessarily, during the busy season on the farm. These demonstrations were announced by circulars and news articles and farmers urged to attend the meeting most convenient to them. Expressions of gratification at having had the opportunity to see this work and learn to do it, were numerous. Why not? Liabilities were, in the short time of about 60 seconds, being changed to assets.

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COOPERATIVE EXTENSION WORK
IN
AGRICULTURE AND HOME ECONOMICS
STATE OF VIRGINIA

AGRICULTURAL AND MECHANICAL
EXPERIMENT STATION
GENERAL INVESTIGATION OF
AGRICULTURE

EXTENSION SERVICE

This leak on the farm had been stopped. So, as a successful undertaking, not only for this year, but as a line of work showing continual and increased growth since started two years ago, I cannot refer with too much emphasis, to the results obtained thru the culling, demonstration, which is gradually changing the whole story, relative to poultry and poultry products, one of our principle industries.



THE SMITH COUNTY FAIR

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Undoubtedly wherever there is a County Fair properly conducted, the citizens and more particularly the farmer and his family look upon it as an institution, around which revolves the agriculture of that County.

The Fair is out standing in the agricultural mind. In that it exhibits products, the equal of which any farmer would be proud to produce. It is that Annual occasion where efforts are compared, Farmer Jones and farmer Smith, finally realize that the wonderful exhibits with unheard of yields are not apart from their own community, but were really produced by their neighbor. The Fair then, after all, is only setting the standard of product in so far as the farmers themselves set that standard.

Farmer Jones and Smith become far more interested in "outshining" their neighbor, than they had ever dreamed. They are competing, one against the other, under similar conditions, and not against some fiefdoms or super-human being. Whether one exhibits at the fair or not, he is constantly competing (in his own mind) with those who won the premiums. Then effort has been rewarded, the farmer justly proud, points to his product as being worthy of exhibit at the County Fair.

Many are the times, the County Agent meets the "query," "Is it good enough to take to the fair?" Whether the product be corn, wheat, oats, rye, potatoes, hay, or livestock, the story is the same.

The Smith County Fair Association opened its twelfth Annual exhibition on Aug. 31 of this year. The enterprising people of Southwest Va. and East Tennessee presented to the public, probably the best display of livestock and agricultural exhibits ever seen at a Fair in this part of Virginia. Quality of product, particularly in the agricultural department, was an outstanding feature. The cattle and horse departments were filled to overflowing with the best that this Great Blue Grass belt produces. The poultry building filled with birds from the four winds, several thousand in all and representing practically all breeds, was an attraction of more than passing interest. It was a show within itself. Other departments too numerous for short space, were crowded with exhibits worthy of special mention.

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Not until the afternoon of the fourth and last day of the Fair was the splendid exhibition of Baby Beeves brought before the Grand Stand to be judged.

Twenty-six head of the best calves ever produced by the boys of this section, kept the Judge hard at it, until near sun down. This exhibit was acclaimed by one and all as the only feature of the Fair capable of retaining the people to the last minute. Such was the case, and of this the youngsters may well be proud.

Again, that interest should instill into them a renewed determination to continue going forward. Photos of the first prize Smyth County calf and of the exhibit as a whole, will be found in this report. The grand champion animal of the show was later grand champion Baby Beef at the State Fair.

The Smyth County Fair is an annual occasion, far reaching in its influence and of no little importance in the agricultural development of this County.

WATERMAN

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Space for agent's stamp

SPECIAL REPORT BY WHITE AGENTS ON WORK WITH
NEGRO FARMERS

NOTE:- The data reported on this and following page must be included in your report on all work done. Negro agents need not report on these sheets.

1. Number of negro demonstrators (all crops) _____
 2. Number of negro demonstrators reporting (all crops) _____
 3. Total acreage of all crops grown under improved methods on negro demonstration farms _____
 4. Number of negro cooperators (all crops) _____
 5. Total acreage of all crops of negro cooperators _____
 6. Number of negro farmers who planted pure or selected seed on their demonstrations _____
 7. Number of negro farmers you have influenced to select seed for next year's crop _____
 8. Estimated quantity of all seed selected by negro farmers (bushels) _____
 9. Name the principal crops grown under demonstration methods by negro demonstrators and cooperators _____
-
- | | | |
|--|-----------------------------|-------|
| | (Horses - - - - -) | _____ |
| | (Beef cattle - - - - -) | _____ |
| | (Sheep and goats - - - - -) | _____ |
| 10. Number of pure-bred animals bought by negro farmers at your suggestion - - - | (Dairy cattle - - - - -) | _____ |
| | (Hogs - - - - -) | _____ |
| | (Poultry - - - - -) | _____ |
-
11. Number of negro farmers who have produced practically all their home food and feed due to your influence _____
 12. Number of negro agricultural clubs or community organizations formed this year for the general improvement of rural conditions _____
 13. Number of members _____

AGRICULTURE AND HOME ECONOMICS

STATE OF VIRGINIA

VIRGINIA AGRICULTURAL AND MECHANICAL
COLLEGE AND POLYTECHNIC INSTITUTE
AND STATE SCHOOL DEPARTMENT OF
AGRICULTURE, CONSERVATION

41 EXTENSION SERVICE

"BETTER BEEF SIRE CAMPAIGN".

Governmental agencies, interested in the progress and development of the many agricultural resources of this country, have for many months (and possibly years) recognized the growing need for a higher standard of product, in order that the business of farming might remain a profitable occupation; a means, at least, by which one might reasonably expect fair returns for the effort expended. Particularly was this true in the case of our beef cattle industry here in Southwest Virginia. The lack of interest on the part of individual cattle men, who were experienced, good judges of cattle, and appreciated quality caused this already undesirable situation to develop the more rapidly.

To meet this downward trend of our principle industry, meant the awakening from a long slumber, those who are responsible and finally financially effected, by the ruthless methods being used. It meant applying the brakes to a vehicle which with great momentum, was already carrying the farmer down the red side of his ledger. Once turned, it meant the development of some means, by which we could proceed as rapidly as possible on the road to prosperity. In short, "Better Breeding in Our Beef Cattle".

Under the direction of our State Livestock Specialist, and in co-operation with the Beef Breed Associations, a plan for the improvement of the Beef Cattle of this State, was at once set forth. Realizing that the use of good purebred bulls is the most economical means and the shortest route to better cattle, the above plan was brought to the attention of the County Agents of the State, as the "Better Beef Sires Campaign", but fortunately this does not imply the interest created for the production of better cattle. Results would indicate a more far-reaching influence.

County Agents enrolled in this campaign, using it in many instances as a major project. As to the plan of operation for replacing grade and scrub bulls with purebreds, the County Agent was chief engineer.

For Smyth County, intensive publicity, both as news articles and circulars, personal visits and well advertised county bull sales, in short constituted the methods of procedure. From out of the grind, the wear and tare of such a campaign, came occasional cause for amusement, an anonymous letter for instance, which served as additional publicity and added weight to the campaign.

AGRICULTURE AND HOME ECONOMICS

STATE OF VIRGINIA

VIRGINIA AGRICULTURAL AND MECHANICAL
COLLEGE AND POLYTECHNIC INSTITUTE
AND HOUSEHOLD SCIENCE DEPARTMENT OF
AGRICULTURAL COOPERATION

EXTENSION SERVICE

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When the smoke from our guns had finally "cleared away", it was found that while only six or seven actual replacements had been made, the farmers of the County had been induced to purchase some 31 purebreds and more than that number of scrubs had paid the death penalty.

BOND
MORTGAGE

SPECIAL REPORT BY WHITE AGENTS ON WORK WITH
NEGRO FARMERS (Cont'd)

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- | | | |
|--|---------------------------------|-------|
| | (New houses built - - - - - | _____ |
| | (New barns built - - - - - | _____ |
| | (New schools built - - - - - | _____ |
| 14. Farm and rural improvements made
due to agent's influence - - - - | (New churches built - - - - - | _____ |
| | (New toilets built - - - - - | _____ |
| | (Buildings improved or repaired | _____ |
| 15. Number of Farm Makers' Clubs organized this year | | _____ |
| 16. Number of members in these clubs | | _____ |
| 17. Number of Home Makers' Clubs organized this year | | _____ |
| 18. Number of members in these clubs | | _____ |

Space for agent's stamp

SUCCESSFUL UNDERTAKINGS

Precede this page

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Each county agent will be expected to report three (3) important pieces of extension work attempted and successfully accomplished by him during the year. Details of your plan, method of procedure, and results, together with any other interesting facts and observations concerning each piece of work, should be included.

This sheet and as many additional sheets as are necessary should be used for this purpose.