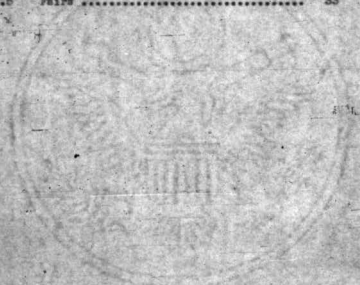


VIRGINIA

Bath County Agent Report
1922

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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 BATH

Report of J. Nick Jones, County Agent

From December 1, 1921 to November 30, 1922

Approved:

State Agent

Date Forwarded

Director of Extension Work

97-SRS

FILE	DATE
CHECK	BY
<i>7/10</i>	<i>ME S. new</i>

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

LIVE STOCK:

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

OTHER WORK:

Fertilisers
Farm manures
Silos
Digging vats
Seed selection
Lime
Rotations
Features
Organisations
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
















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.

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;	 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 WORK

COUNTY ORGANIZATIONS

1. Is there a central county committee supporting your work? Yes
2. If so, what is it called? Advisory Board
3. Who constitute its membership? Supervisors, and a representative from Co. Sherborn Breeders, Co. Fair Ass'n, Co. Livestock Marketing Ass'n and officers of the Co. Farmers Union.
4. How is membership selected or appointed? By each Association.
5. Does this committee help you make a county plan of work? Yes
- How long has this county organization been in existence? Three years
6. Number of communities in your county Ten
7. How many community farmers' clubs have you assisted in organizing this year? 0
Total membership _____
8. How many community farmers' clubs have you in your county? 5
Total membership 100
9. How many community farmers' clubs have ceased to exist during (Give reason) Hard question, don't know. the year? 3
10. How many of these clubs are organized so as to include the farmer's wife, children, and others, in their membership? All

COUNTY ORGANIZATIONS (Continued)

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

~~Teaching through co-operative buying, thrift and economy as well as emphasizing the difference between good and inferior fertilizers and seeds, through co-operative marketing, that standardization pays, to produce the quality that gives the best returns as well as eliminating the non-economical system of delving up the greater part of their profits to pay some fellow to market their products and livestock.~~

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) Yes

Better sires and more LIVESTOCK.

Marketing livestock by the co-op method.

Better County Fair.

**COOPERATIVE BUYING
AND SELLING ORGANIZATIONS**

1. How many of your farmers' organizations buy and sell cooperatively? 4
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 list of 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 3000 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				
Fertilizers	9	276	\$ 5040.00	\$ 891.00
Groceries			5000.00	250.00
*Sold				
Lambs, 1920	8		14400.00	1920.00
Cattle, feeder	2	44400	3108.00	111.00
Cattle, stockers	3	58500	3802.50	282.50
Wool		10000	4200.00	350.00
			25510	2423

3. Have you attempted to keep a bulletin board in your office, listing things for sale and things wanted? No.
4. Have you used the market news service of the U. S. Department of Agriculture or your State market news service? Yes, and also have been assisted by representatives from both departments in organization.

Space for agent's stamp.

CORN

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

1. Number of demonstrators 12
2. Number of demonstrators reporting 10
3. Total acreage of corn grown under improved methods on demonstration farms 54
4. Average yield per acre on demonstrations (bushels) 40.3
5. Estimated average yield for entire county (bushels) 35.0
6. Increased yield on demonstrations over ordinary methods (bushels) 5.3
7. Number of cooperators 8
8. Total acreage of corn grown under improved methods by cooperators 100
9. Average yield per acre on demonstrations by cooperators (bushels) 38.7
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 50
500
14. Number of farmers you have influenced to select seed for next year's crop _____
15. Estimated amount of seed selected (bushels) 50
100
16. Number who turned under cover crops on their demonstration acres 8
17. Number of acres harvested for silage _____
18. Yield per acre harvested for silage (tons) 33
7
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? 11
23. Number of communities in which corn demonstrations were conducted 4

(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	17
2.	Number of farmers making ear-to-row, tests or growing certified corn	7
3.	Total acreage of corn eligible for certification	12
4.	Number of farmers making head selections of wheat or growing certified seed wheat	7
5.	Total acreage of wheat eligible for certification	22
6.	Number of farmers making head 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	8
11.	Total acreage of soy beans eligible for certification	12
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	\$1530.00
17.	Estimated increase in value of all certified crops as compared with values if ordinary crops had been grown	665.00
18.	How many farmers used certified seed through your influence ?	17
19.	Estimated total acreage of all crops planted with certified seed	75
20.	Estimated total increased value of all crops due to the use of certified seed	\$1000.00

(For additional remarks use reverse side of this sheet)

10

Space for agent's stamp

SMALL GRAINS

(Oats, Wheat, Rye, Barley, Buckwheat)

O A T S

Demonstration

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

1. Number of demonstrators		<u>8</u>
2. Number of demonstrators reporting		<u>8</u>
3. Total acreage grown under improved methods on demonstration farms		<u>90</u>
4. Average yield per acre on demonstrations	(bushels)	<u>40</u>
5. Estimated average yield per acre for entire county	(bushels)	<u>34</u>
6. Increased yield per acre on demonstrations over ordinary methods	(bushels)	<u>6</u>
7. Number of cooperators		<u> </u>
Total acreage grown under improved methods by cooperators		<u> </u>
8. Average yield per acre by cooperators	(bushels)	<u> </u>
10. Number of farmers testing seed for germination		<u>8</u>
11. Number of bushels so tested		<u>150</u>
12. Number of demonstration acres threshed for grain		<u>90</u>
13. Acreage planted with pure or selected seed		<u> </u>
14. Number of demonstration acres cut for hay		<u>1</u>
15. Average yield of cured hay per acre on demonstrations	(tons)	<u>2</u>
16. Increase per acre of cured hay on demonstrations over ordinary methods	(tons)	<u>0</u>
17. Number of acres grazed off		<u> </u>
18. Estimated value per acre of grazing	\$	<u> </u>
19. Number of acres turned under for soil improvement		<u> </u>
20. How many bushels of seed were treated for smut?		<u>60</u>
21. On how many farms have you introduced the growing of small grains or improved cultural methods?		<u>15</u>
22. Number of communities in which demonstrations were conducted		<u> </u>

Space for agent's stamp.

SMALL GRAINS

(Oats, Wheat, Rye, Barley, Buckwheat)

WHEAT

Demonstration

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

1. Number of demonstrators	_____	8
2. Number of demonstrators reporting	_____	4
3. Total acreage grown under improved methods on demonstration farms	_____	115
4. Average yield per acre on demonstrations (bushels)	_____	12.6
5. Estimated average yield per acre for entire county (bushels)	_____	10.5
6. Increased yield per acre on demonstrations over ordinary methods (bushels)	_____	2.1
7. Number of cooperators	_____	12
8. Total acreage grown under improved methods by cooperators	_____	350
9. Average yield per acre by cooperators (bushels)	_____	12
10. Number of farmers testing seed for germination	_____	4
11. Number of bushels so tested	_____	65
12. Number of demonstration acres threshed for grain	_____	400 / 115
13. Acreage planted with pure or selected seed	_____	2
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	_____	25
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?	_____	75
22. Number of communities in which demonstrations were conducted	_____	2

12
Space for agent's stamp

Notes
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.

Clover & Timothy

Demonstration

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

- | | | |
|---|----------|------|
| 1. Number of demonstrators | _____ | 11 |
| 2. Number of demonstrators reporting | _____ | 7 |
| 3. Total acreage in this crop on demonstrations | _____ | 220 |
| 4. Average yield per acre on demonstrations (tons of cured hay) | _____ | 2 |
| 5. Estimated average yield per acre for entire county (tons of cured hay) | _____ | 1.7 |
| 6. Number of acres cut for hay | _____ | 300 |
| 7. Increased yield per acre of demonstrations over ordinary methods (tons of cured hay) | _____ | .3 |
| 8. Number of acres grazed off | _____ | |
| 9. Estimated value per acre of grazing | \$ _____ | |
| 10. Number of cooperators | _____ | 25 |
| 11. Total acreage grown by cooperators | _____ | 300 |
| 12. Average yield per acre by cooperators (tons of cured hay) | _____ | 1.7 |
| 13. How many acres (if legume) were inoculated? | _____ | 25 |
| 14. How many farmers ordered inoculating material through you from U.S. Department of Agriculture? | _____ | 0 |
| 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? | _____ | 1900 |
| 18. On how many farms have you introduced the growing of hay, forage, or cover crops, or improved cultural methods? | _____ | 50 |
| 19. Number of communities in which demonstrations were conducted | _____ | 4 |

HAY, FORAGE, OR COVER CROPS

ALFALFA

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.

ALFALFA

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 in this crop on demonstrations | | 45 |
| 4. Average yield per acre on demonstrations | (tons of cured hay) | 3.1 |
| 5. Estimated average yield per acre for entire county | (tons of cured hay) | _____ |
| 6. Number of acres cut for hay | | 45 |
| 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? | | 45 |
| 14. How many farmers ordered inoculating material through you from U. S. Department of Agriculture? | | 3 |
| 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? | | 54 |
| 18. On how many farms have you introduced the growing of hay, forage, or cover crops, or improved cultural methods? | | 3 |
| 19. Number of communities in which demonstrations were conducted | | _____ |

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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 | 5 |
| 2. Number of demonstrators reporting | 5 |
| 3. Total acreage of this crop grown under improved methods on demonstrations | 50 |
| 4. Average yield per acre on demonstrations (bushels of seed) | 14 |
| 5. Average yield per acre on demonstrations (tons cured hay) | 3 |
| 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) | 40 |
| 13. Average yield per acre by cooperators (tons cured hay) | 22 |
| 14. Number of farmers testing seed for germination | _____ |
| 15. Total number of bushels seed so tested | _____ |
| 16. Acreage planted with pure or selected seed | 40 |
| 17. Total acreage of demonstrators and cooperators threshed for seed | 20 |
| 18. Total acreage of demonstrators and cooperators cut for hay | 28 |
| 19. Number of acres grazed off | 1 |
| 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 | 6 |
| 23. Total number of acres inoculated - by inoculated soil | _____ |
| 24. Total number of acres inoculated - by commercial cultures | 44 |
| 25. Give estimate of the number of acres in your territory which were planted this year to this crop due to your influence | 50 |
| 26. On how many farms have you introduced the growing of summer legumes or improved cultural methods? | 12 |
| 27. Number of communities in which demonstrations were conducted | 3 |

ORCHARDS

	(Apple	9
1. Number of demonstration home orchards - - - -) Peach	200
) Other	1
2. Total number of trees in these demonstrations		600
	Orchards	Acres
3. Orchards inspected by agent	12	60
4. Orchards pruned due to your influence	5	25
5. Orchards sprayed due to your influence	3	20
6. Peach orchards treated for borers due to your influence		600
7. Orchards planted due to your influence	2	45

TOTAL

	22	4550
8. How many commercial orchards in your county - Apple	3	Trees 2500
9. How many commercial orchards in your county - Peach	2	Trees 600
10. How many commercial orchards in your county - Other		Trees 1
11. How many commercial orchards have you assisted in caring for?		1
12. How many trees did you actually spray?		84
13. How many trees did you actually prune?		84
14. How many trees did you actually worm?		84
15. Estimated value of increased production due to demonstration methods \$		8
16. Report of special campaigns, results, etc.		
17. Number of communities in which orchard demonstrations were conducted		2

BEEF CATTLE

1. How many head of registered bulls have been secured this year through your influence? 10
2. How many head of registered cows or heifers have been secured this year through your influence? 7
3. How many head of pure-bred beef cattle have you assisted your farmers in selling this year - through individual sales? 9
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? 1
7. How many head of feeding cattle have been brought into the county this year through your influence? 60
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 350
(Give results of these methods and special campaigns along beef cattle lines under "Remarks")
13. Number of beef cattle breeders' associations or clubs formed 1
14. Number of members of such associations or clubs 25
15. Number of pure-bred beef girls in county now? 42
16. Number of pure-bred beef cows in county now? 44
17. Number of communities in which beef cattle demonstrations were conducted _____

H O G S

- | | |
|--|-------|
| 1. How many head of registered <u>boars</u> have been secured this year due to your influence? | 4 |
| 2. How many head of registered <u>sows or gilts</u> have been secured this year due to your influence? | 7 |
| 3. How many head of pure-bred hogs have you assisted your farmers in selling this year - through <u>individual sales</u> ? | 3 |
| 4. How many head of pure-bred hogs have you assisted your farmers in selling this year - through <u>group sales</u> ? | _____ |
| 5. How many herds of pure-bred hogs have been started through your influence? | 1 |
| 6. How many hog feeding demonstrations did you supervise? | 8 |
| 7. How many hogs in these demonstrations? | 17 |
| 8. On how many of these demonstrations were records kept? | 6 |
| 9. How many farmers used self-feeders secured at your suggestion? | 2 |
| 10. How many farmers have you induced to start the growing of grazing crops for hogs? | 3 |
| 11. Estimate number of hogs fed or cared for according to methods which you advocated | 200 |
| 12. Give number of pure-bred boars in county now | 35 |
| 13. Number of communities in which hog demonstrations were conducted | 2 |

SHEEP AND GOATS

- | | |
|---|-------|
| 1. How many head of registered <u>rams</u> have been secured this year through your influence? | 12 |
| 2. How many head of registered <u>ewes</u> have been secured this year through your influence? | 3 |
| 3. How many head of pure-bred sheep and goats have you assisted your farmers in selling this year - through <u>individual sales</u> ? | 7 |
| 4. How many head of pure-bred sheep and goats have you assisted your farmers in selling this year - through <u>group sales</u> ? | _____ |
| 5. How many grade ewes have been brought into the county this year for breeding purposes due to your influence? | 140 |
| 6. How many flocks have been started? | 3 |
| 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 | 85 |
| 13. Number of pure-bred ewes in county now | 200 |
| 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 | 2 |

More interest in better sheep was aroused through co-operative grading and pooling wool and shipping lambs this fall than any thing I have ever been able to put across in the sheep line before and better returns in dollars and cents is certainly making the farmers weed out the ones that are not giving the returns and keeping good ones and taking better care of them.

19
Space for agent's stamp

P O U L T R Y

- | | |
|--|--|
| 1. Number of poultry demonstrations | 43 |
| 2. Number of each kind of poultry grown and cared for according to methods which you advocated | (Chickens) 10000
(Ducks) _____
(Guineas) _____
(Turkeys) _____
(Geese) _____ |
| TOTAL _____ | |
| 3. On how many farms has poultry management been improved as a result of your work? | 150 |
| 4. How many birds on these farms? | 7500 |
| 5. How many communities have adopted a standard variety of poultry? | 2 |
| 6. On how many green routes are poultry products collected? | _____ |
| 7. How many flocks culled through your efforts? | 50 |
| 8. Number of birds in flocks culled | 2500 |
| 9. Number of birds eliminated through culling | 325 |
| 10. How many farmers were induced to raise standard bred poultry this year? | 6 |
| 11. How many demonstrators were induced to practice early hatching? | 12 |
| 12. How many winter feeding demonstrations? | 6 |
| 13. Number of birds in these demonstrations? | 4500 |
| 14. Number of new poultry houses erected at your suggestion | 3 |
| 15. Number of poultry houses remodeled at your suggestion | 3 |
| 16. Report on reverse side of this sheet any work done on poultry diseases. | _____ |
| 17. Number of communities in which poultry demonstrations were conducted | 6 |

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: 48

	Demonstrations	* Animals treated
CATTLE		
(Blackleg - - - - -)	22	372
(Anthrax or charbon - - - - -)		
(Digestive and other troubles - - - - -)	7	17
(Tuberculosis - - <i>in some cattle</i> - - - - -)	11	280
(Ticks - - - - -)		
(Lice - - - - -)		
(Cholera (single treatment) - - - - -)	1	28
(Cholera (simultaneous treatment) - - - - -)		
(Digestive and other troubles - - - - -)	7	18
HOGS		
(Worms - - - - -)		
(Lice - - - - -)	5	60
(Mange - - - - -)		
(Stomach worms - - - - -)	1	25
(Digestive and other troubles - - - - -)		
SHEEP		
(Grubs - - - - -)		
(Scab - - - - -)		
(Ticks - - - - -)		
HORSES		
(Spinal meningitis - - - - -)		
(Digestive ailments - - - - -)		
(Anthrax or charbon - - - - -)		
(Distemper - - - - -)	2	2
(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 - - - - -	22	372
CATTLE, for Tuberculosis - - - - -	11	280
CATTLE, for Anthrax or charbon - - - - -		
HOGS, for Cholera - - - - -	1	28
HORSES, for Anthrax or charbon - - - - -		

3. Have you instruments for such demonstrations? Yes, all but the F.S. test for cattle, this was done by State & Federal assistance.

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.

2
Space for agent's stamp

FERTILIZERS

1. How many farmers consulted you regarding the use of fertilizers?	<u>75</u>
2. How many fertilizer demonstrations are the farmers conducting with you?	<u>10</u>
3. Total acreage in these demonstrations	<u>140</u>
4. How much fertilizer used on such demonstrations? (tons)	<u>14</u>
5. How many communities have you influenced to buy fertilizers cooperatively?	<u>2</u>
6. Quantity bought cooperatively (tons)	<u>270</u>
7. Value of fertilizer bought cooperatively (actual price paid by cooperative purchase)	<u>\$ 2040.00</u>
8. Total amount saved by cooperative purchases	<u>\$ 891.00</u>
9. Number of farmers home-mixing fertilizer on your advice	<u>3</u>
10. Estimated number of tons home-mixed	<u>4</u>
11. Estimated saving to farmers (per ton)	<u>\$ 10.00</u>
12. Number of communities in which fertilizer demonstrations were conducted	<u>4</u>

M A N U R E

1. How many farmers have you induced to take better care of farm manure? _____ 3
2. How many have provided manure sheds at your suggestion? _____ 2
3. How many are composting farm manure and waste products? _____ 300
4. How many manure spreaders have been secured this year through your influence? _____ 3
5. How many farmers are using phosphate or other material for reinforcing farm manure? _____ 4
6. Number of communities in which manure demonstrations were conducted _____

Answer to No.3, in a way is incorrect, as to compost pile, but is intended to cover the general practice here of feeding cattle in large barn and use all waste material as bedding, then haul direct to field and topdress either meadow or small grain, which has been seeded to grass.

Space for Agent's stamp

S I L O S

1. How many silos have been constructed in your county this year? 3
2. How many silos constructed this year as a result of your advice? 3
3. How many silos are in county now? 35
4. Of the number of silos in county now there are:
- | | |
|--------|-------------------|
| Tile | <u>2</u> |
| Cement | <u> </u> |
| Stave | <u>32</u> |
| Stone | <u>1</u> |
| Pit | <u> </u> |
| Other | <u> </u> |
| TOTAL | <u>35</u> |
5. Number of communities in which silo demonstrations were conducted 8

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Space for agent's stamp

L I M E

1. Number of demonstrators		<u>2</u>
2. Number of demonstrators reporting		<u>2</u>
3. Total number of acres in lime demonstrations		<u>20</u>
4. How many farms, other than demonstrators, used lime or limestone this year due to your influence?		<u>2</u>
5. Quantity of burned lime or limestone used	(tons)	<u>125</u>
6. Total number of acres treated this year		<u>40</u>
7. Number of local sources of lime developed		<u>1</u>
8. Number of lime crushers installed as a result of your work		<u> </u>
9. Number of lime kilns built as a result of your work		<u>1</u>
10. Number of lime sheds constructed as a result of your work		<u> </u>
11. Number of carloads shipped into your county		<u>4</u>
12. Number of farms on which soil was tested for acidity		<u>2</u>
13. Number of communities in which lime demonstrations were conducted		<u>2</u>

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Space for agent's stamp

FARM AND FARMSTEAD
IMPROVEMENTS

THINGS DONE WITH AGENT'S ASSISTANCE AND ADVICE

	Dwellings	Other
1. Number of buildings erected	4	124
2. Number of farm buildings improved		2
3. Number of new building plans furnished	1	2
4. Number of farm buildings painted or whitewashed	6	7
5. Number of home water systems installed this year		2
6. Total number of such systems in county now		355
7. Number of home lighting systems installed in county this year		3
8. Total number of such systems in county now		129
9. Number of windmills erected this year		
10. Number of home grounds improved		3
11. Number of farm and home sanitary conditions improved		25
12. Number of homes screened against flies and mosquitoes		
13. Number of sanitary privies erected		5
14. Number of sewage disposal systems installed		2
15. Number of telephone systems installed		
16. Number of farmers furnished plans and induced to adopt systematic crop rotations		4
17. Total acreage of such rotations		500
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		

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Space for agent's stamp

FARM AND FARMSTEAD IMPROVEMENTS (Continued)

- | | | | |
|---|-------|-------------------|-------|
| 22. Number of drainage systems planned and adopted | _____ | 2 | |
| 23. Number of acres drained - by tile | _____ | _____ | |
| 24. Number of acres drained - by ditch | _____ | 40 | |
| 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 | _____ | 3 | |
| 33. Number of new implements and tools bought: | | | |
| Binders | 2 | Flows | 18 |
| Hay presses | 2 | Hay loaders | 1 |
| Gas engines | 10 | Farm levels | _____ |
| 2-horse cultivators | 8 | Grading machines | 6 |
| Tractors | 8 | Hay rakes | 4 |
| Motor trucks | 3 | Ensilage cutters | _____ |
| Corn planters | 3 | Cream separators | 1 |
| Ditching machines | 7 | Spraying machines | 8 |
| Mowers | 3 | Manure spreaders | _____ |
| Grain drills | 11 | Small tools | _____ |
| Disk harrows | 3 | _____ | _____ |
| 1-horse cultivators | _____ | _____ | _____ |
| 34. Number of communities in which farm and farmstead improvements were conducted | _____ | 4 | |

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Space for agent's stamp

MISCELLANEOUS EXTENSION WORK

1. Number of visits by agent to - - - - -

(Demonstrators - - - - -	101
)Cooperators - - - - -	
(Other farmers' - - - - -	1137
)Business men - - - - -	36
(Boys' and girls' club members - - - - -	98
TOTAL	1362

2. Number of miles traveled - - - - -

(Railroad - - - - -	
)Team - - - - -	85
(Automobile - - - - -	6942
(Otherwise - - - - -	
TOTAL	7027

3. Calls on agent at office and home relative to work - Personal - 610

4. Calls on agent at office and home relative to work - Telephones - 105

5. Number of farmers' meetings held under auspices of agent or Extension Division - 30

6. How many meetings of all kinds, including field meetings, did you take part in? - 52

7. Total attendance at these meetings (approximate) - 2455

8. How many field meetings held by you? - 15

9. Total attendance at these meetings - 250

10. Number of days spent at office work? - 62

How divided?	(Correspondence - 40)
	(Conference - 40)
	(Miscellaneous - 40)
TOTAL	100

11. Number of days spent in field work? - 294

How divided?	(Supervising regular demonstrations - 30)
	(Other farm visits - 40)
	(At meetings - 6)
	(Assisted in short course work - 20)
	(Organization and marketing - 28)
TOTAL	100

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Space for agent's stamp

MISCELLANEOUS EXTENSION WORK
(Continued)

12. Number of official individual letters written	888
13. Number of articles relating to your work prepared and published	14
14. Number of different circular letters prepared by you and sent out	250 2
15. Total number of copies of such letters (Give list and copy of each, if possible)	850
16. Number of bulletins or circulars of U. S. Department of Agriculture distributed	70
17. Number of bulletins or circulars from State college or State department of agriculture distributed	100
18. Number of visits to schools relating to work	13
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	4
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?	14
26. Was there a county fair held in your county?	Yes
27. How many demonstrators, cooperators and club members had exhibits?	40
28. How many of these won prizes?	23
29. How many demonstrations have you in truck or small fruit?	_____
30. How many were successful from a financial standpoint?	_____
31. How many farm account books distributed to farmers?	_____
32. How many farmers in your county did you assist to keep cost production records?	1

SUCCESSFUL UNDERTAKINGS

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.

(1 st) Co-Operative Marketing of Livestock ---

The organization of the A. B. & H. Livestock Marketing Association, (Alleghany - Bath & Highland), and the creditable functioning of same has proven to be, possibly, the most popular piece of work this year. Sheep and cattle are the main money crop and Bath, while not so small in area, is a very small county in number of farms, therefore I realized that to make the association a going concern with a good manager, we must have volume of business, and with this in mind, got in touch with representative farmers from the two adjoining counties, Alleghany on the south and Highland on the north, and combined the three into one association.

The business transacted, so far, has been fine for a starter and while Highland didn't meet estimates, we now have over fifty satisfied members, boosting "co-op" shipping, with bright prospects for next year.

The Association has made a good showing on the Jersey City Market with lambs, having topped the market twice as well as having sold some bunches at a premium of 1/2 and 3/4 cents over tops, because the lambs had the quality and proper handling, also making more or less of a reputation for the section producing them.

The feeder cattle sold through the association have also realized over the local price and the economical placing of stocker cattle is proving remunerative, both to the seller and buyer, since there is no commission both ways, plus speculator profits, the seller gets a better price and the feeder that feeds, gets them cheaper - thereby helping both by oftentimes saving two freights.

The Commission firm at Jersey City, who have "pulled" for our "Co-Op" shipments, were interested in our efforts through an employee being a visitor in this section when we were organizing, and after discussing our plans with the firm on his return to New York, they invited us to try them with a load, saying, "we have never handled co-op shipments, but were willing to try as they wanted the experience as they believed we were on the right track and also that "co-op" shipping was certainly coming." The Senior Member of this firm recently paid us a visit and discussed some minor points about shipping that will be helpful next year in getting top prices for animals shipped, also offered to co-operate with us whenever they could be of assistance.

" Better Sires - Better Livestock "

Nothing has contributed more to the advancement of the agricultural interests of the county than the breeding of Purebred Livestock, especially cattle and sheep, while the improvement in hogs and poultry is also noticeable, and the gain in quality in the 1922 fair over 1921, was a credit to the breeders as well as the county.

To report Bath's progress in the livestock line, it is necessary to cover more than a year period, since piloting public sentiment and breeding good animals is more than an overnight job - after beginning county agent work in Bath in 1919, one of the first surveys made was the number of registered animals in the county, and found six in cattle, two good Shorthorn bulls, two doubtful, one Hereford and one Guernsey.

In 1922 we have over forty bulls, beef type.

In 1919 there was not a single registered beef cow - today we boast of over thirty. In 1919 you couldn't buy a registered beef bull in the county - today we are proud of the record where eight good Shorthorn bulls have replaced "scrubs" within the county and four sold to adjoining counties in 1922.

In 1919 you would have had a hard time selling a registered bull, ram, boar or rooster - today you will have equally as hard or worse time selling any but a purebred for breeding purposes, and I hope that the county agent, whoever he may be, can report at the end of another three year period, that Bath County has ALL, purebred, registered S I R E S.

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Advising the use of certain varieties of corn, soy beans, oats and wheat as well as clovers, vetch and alfalfa, has proven one of the most substantial helps that I have put across this year and results obtained have tended to curtail to great degree, the practice of ordering seeds of unknown quality or adaptability from catalogue houses.

"Silver King" corn, which was carefully selected for show type ears and grown the past season, made quite a reputation at the County Fair, taking everything in the white corn class as well as special classes. This corn made many friends from this showing and will create a good demand for seed for the coming season and by continued effort in selection, make continued gains in yield as well as show type, measuring this by the improvement in the corn grown from seed raised here in 1921 over that brought in this year. This corn is far better than any type of white corn yet tried out under the growing period for this county.

The Fall seeding of oats, which was "hooted at" as an useless practice by the farmers here, made returns this year that convinced one farmer that it could be done some seasons, anyway, for since trying out ten acres last Fall he is so well pleased with returns that he says he expects to seed the major portion or all, of his oats in the Fall if the season will allow him to get them in as those were the best oats he ever raised.

The seeding of our certified seed Virginia Soy Beans was seriously hampered by the continued wet weather the latter part of May and first of June, causing the seeding to be too late for maturing for seed and therefore eighty five percent of the acreage had to be cut for hay or mixed silage. Two lots were held for seed and while possibly a much larger percent of dead seed will result than last year, I hope we will be able to keep in this adapted strain by distributing what seed we will have to farmers over the county in small quantities.

V.P.I. 131 wheat made a fine showing on May 15th, but after all the rain, the two bushels seeded yielded 26 and from this 26 bu. was O.K. for seed, the grower, altho he wanted to seed the whole amount, decided to divide up after we could not get any from outside the county except five bushels, so he kept 10 and let five more farmers have two bushels each, to try out this year.

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A Girls'
BOYS' CLUB WORK

Furnish at least three human interest stories, with pictures if possible. Use separate sheet if necessary.

Also furnish the name and address of the club member in each crop or animal demonstration who made the best record for the year, and a statement of the record to include, variety of seed planted, yield per acre, cost, net profit, value of prizes won, and for livestock the number of animals involved, original and final values of the same, net profit, and value of prizes won.

Club Members made quite a creditable showing at the County Fair and captured many of the first prizes in the adult classes, some as follows -

First and third in ten ear white corn class.

First in six stalks white, ears attached.

First single ear yellow corn.

First in Irish Cobbler Potato and also special for best potatoes in the show.

A poultry club GIRL had the best pen Barred Rocks and also the best pen in the show.

Another Girl had the second pen White Leghorns and also the third best pen in the show.

RECORD OF CROPS REPORTED BY BOYS' CLUBS

	1.	2.	3.	4.	5.	6.	7.	8.	9.
Kind of club	Total enrollment	Total number of members completing demonstrations and reporting	Number of acres in demonstrations completed and reported	Total production (bushels or pounds)	Average yield per acre (bushels or pounds)	Average cost per bushel or pound	Total cost of production	Total value of crop	Total profit
Corn	8	6	6	Bu. 296	Bu. 49 2/3	\$ 41 2/3	\$ 144 25	\$ 257 40	\$ 113 50
Peanuts				Bu.	Bu.				
Peanut hay				Tons	T.				
Irish potatoes	6	3	3	Lbs. 7910	Lbs. 2120	18 2/3	25 23	133 00	107 00
Sweet "				Lbs.	Lbs.				
Grain sorghum				Bu.	Bu.				
Wheat				Bu.	Bu.				
Oats				Bu.	Bu.				
Peas				Bu.	Bu.				
Pea hay				Tons	T.				
Soy beans				Bu.	Bu.				
Soy bean hay				Tons	T.				
Velvet beans				Bu.	Bu.				
Seed cotton				Lbs.	Lb.				
Miscellaneous									

 Number of bushels of pure bred seed corn distributed to club boys 2

Number of bushels of other pure bred seed distributed to club boys _____

How many club members planted catch crops (beans, peas, etc.)? _____

RECORD OF LIVESTOCK MONITORED BY FARM MAKERS' CLUBS (Negro)

1.	2.	3.	4.	5.	6.	7.	8.	9.	
Kind of club.	Enrollment in clubs.	Total number of members completing demonstrations and reporting.	Total number of animals	Total initial weight (pounds)	Total final weight (pounds)	Average cost per pound	Total cost.	Total value.	Total profit.
PIGS									
Fattening demonstrations	12	6	6	198	1532	8¢	122.27	157.25	36.23
Growing for breeding									
Sow and litter.									
SHEEP									
Demonstrations									
BEEF CATTLE									
Fattening demonstrations									
Growing for breeding									
Cow-calf									
DAIRY CATTLE									
Growing for breeding									
Cow-calf									
MISCELLANEOUS									
Demonstrations									
			Number starting with birds	starting with eggs	Produced mature birds	Dos. eggs			
POULTRY									
Demonstrations	29	15		29			125.29	247.00	123.00
							126		

Number of pure bred PIGS distributed to club boys _____
 " " grade " " " " _____
 " " pure bred CALVES " " " " _____
 " " grade " " " " _____
 " " pure bred SHEEP " " " " _____
 " " grade " " " " _____
 " " pure bred POULTRY " " " " _____
 " " eggs from pure bred poultry distributed to club boys (dos) 16 _____