

MONTGOMERY COUNTY - - - VIRGINIA

County Agent Annual Report, 1921.

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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 South



REPORT OF WORK OF THE COUNTY AGENT

CALENDAR YEAR 1921

State Virginia

County Montgomery

Report of Geo. L. Montague County Agent

From January 1 to December 31, 1921

Approved:

State Agent

Date Forwarded

Dec 1 1921

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, and under each crop or heading such remarks, observations or points of interest as may be useful should be briefly written out. The back of the respective sheets may be used for remarks on the crops reported on. No doubt many interesting features will be called to mind, which, if written up and sent in to the State agent's office along with the replies to these definite questions, would be very valuable in giving the report that personal touch which proves of great value and interest in all reports of this nature.

In collecting the replies to the questions of a personal nature, the agent will have to depend on his tact and good judgment in approaching the farmer. A few, no doubt, will be averse to furnishing you with some of the information asked for, but if reliable data could be collected with reference to these points, it would enable the Department to get a rather definite idea as to the beneficial effects of the demonstration work in your section.

The forms that we are sending out include the following crops, groups of crops, and other miscellaneous work of the county agent:

CROPS:

Corn
 Cotton
 Tobacco
 Small grain
 Hay 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:

Fertilizers
 Farm manures
 Silos
 Dipping vats
 Seed selection
 Lime
 Rotations
 Pastures
 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 COUNTYSHOWING 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;
■	legumes;	■	potatoes;	△	orchards;
△	poultry;	■	silo;	⊙	boys' clubs; or cream routes, etc.
				■	hay;
				■	livestock;

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.

NAME OF FARM

Who by himself or by his tenant has the freehold
in possession of the lot assessed

PLACE OF RESIDENCE

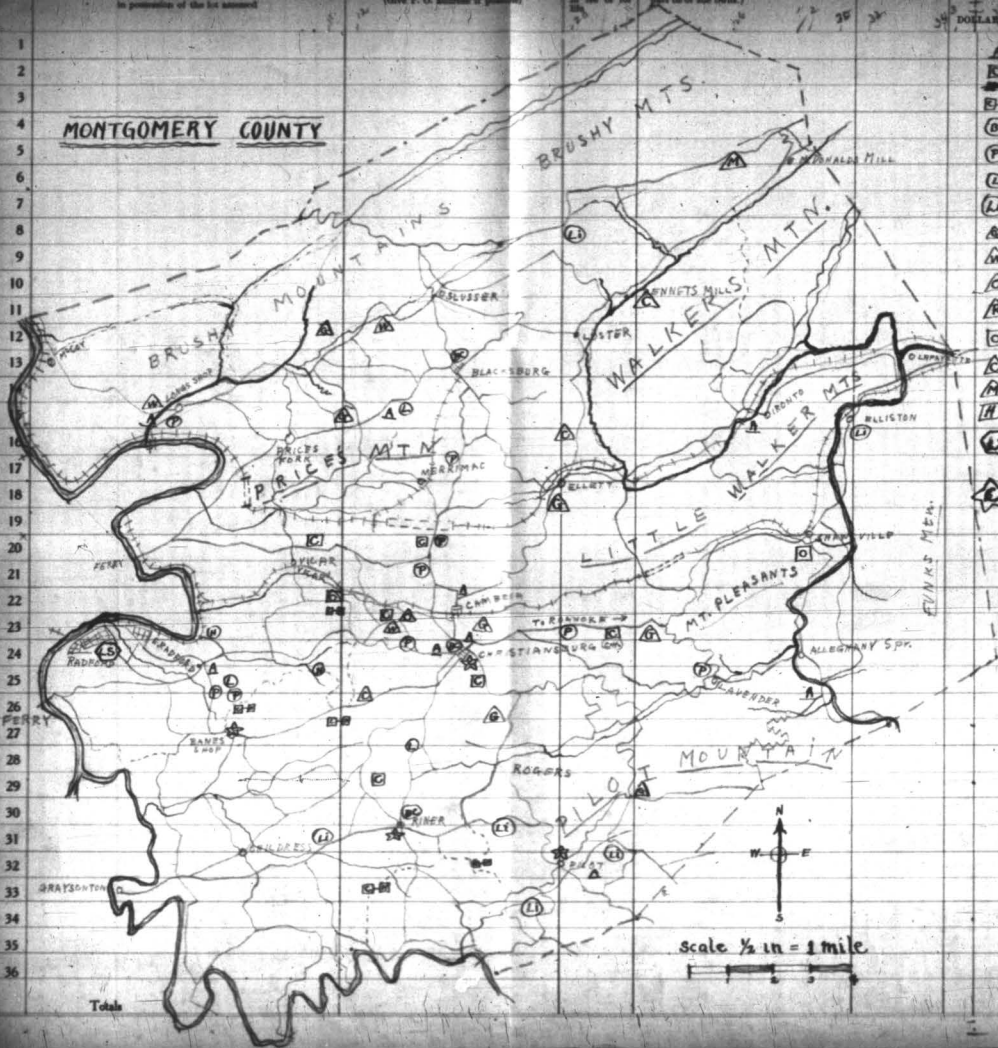
(Give P. O. address if possible)

Nature of the
owner's estate,
whether, held
in fee or for
lifeDescription of lot by number, etc. (If person
assessed does not own whole lot, show which
part he or she owns.)Number of buildings
or stockFair market value of the
lot exclusive of the
buildings

DOLLARS (no cents)

Fair market value of the
buildings on the lot

DOLLARS (no cents)

MONTGOMERY COUNTY

- A alfalfa
- E corn
- E-H corn Hoggedown
- BC hay & pole club
- P poultry den
- L lumber logmen
- li lime
- △ grass
- W wheat
- △ oats
- △ Rye
- orchard
- △ cattle
- △ manure
- H home improvement
- LS livestock coop
- Shipping Reel
- ☆ Community Organization

Totals

Scale 1/2 in = 1 mile



Space for Agent's Stamp

JAMES L. MONTAGUE,
County Agent,
CHRISTIANBURG, VIRGINIA.

COUNTY ORGANIZATIONS

1. Is there a central county organization supporting your work? yes
 If so, what is it called? Montgomery Co. Farm Bureau
 Who constitute its membership? Farmers + those interested in farming
 How is membership selected or appointed? Anyone can become member by paying dues
 What is the membership fee, if any? ----- \$10.00
 Who are its present officers? J.W. Shelburne, Pres. C.S. Graybeal Sec'y. B.M. Hagan, Treas
 How long has this county organization been in existence? Since Apr 1921
2. How many community farmers' clubs have you assisted in organizing this year? two
 Total membership 60
3. How many community farmers' clubs have you in your county? 4
 Total membership 165
4. How many local lodges of Granges, Farmers' Unions, etc., as community organizations, are supporting your work? 4
 Total membership 165
 Are such Granges, Farmers' Unions, etc., included in your answers to Nos. 2 and 3? yes
5. How many community farmers' clubs have ceased to exist during the year? none
 (Give reason, using extra pages when necessary)
6. How many of these clubs are organized so as to include the farmer's wife, children, and others, in their membership? 2

Space for agent's stamp

JAMES L. MONTAGUE,
County Agent,
CHRISTIANBURG, VIRGINIA.

COUNTY ORGANIZATION'S (Continued)

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

Meet monthly + discuss farm topics. Also discuss matters of county + community betterment and legislation. Cooperative buying has saved farmers money. This has been beneficial to non-members also. Annual picnics are made events of recreation + education

8. Are these community farmers' clubs dependent on the county agent for their existence and the continuation of their efforts? no
9. Does each club have a community plan or program of work? (Attach a copy of such plans for the past year) will have next yr. no
10. Does the county organization have a definite plan of work with reference to the county? (Attach a copy of such plans for the past year) yes
11. Have you so thoroughly organized your county that you have someone in every community or school district assisting you in extension work and through whom you can reach EVERY farm family in your county?

Yes but in some communities there seem to be more active + helpful than in others

Space for agent's stamp

COOPERATIVE BUYING
AND SELLING ORGANIZATIONS

JAMES L. MONTAGUE,
County Agent,
CHRISTIANBURG, VIRGINIA.

1. How many of your farmers' organizations buy and sell cooperatively? 6
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 8000 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.

Bought	Article	Quantity		Value	Saving
		Cars	Bu., lbs. or tons		
	Fertilizer		546T	\$10,101	\$1,400
	lime		330T	2,000	472
	grass seed		1,320 Bu.	6,250	800
	Miscellaneous			510	100
*Sold					
	Lamb + Sheep	1K		24,570	2,340
	Hogs	5		6,705	250
	Cattle	1K		16,315	1,510
					2,592

3. Have you attempted to keep a bulletin board in your office, listing things for sale and things wanted?
yes. The Weekly News letter also carries this
4. Have you used the market news service of the U. S. Department of Agriculture or your State market news service?
yes

*Use back of this sheet or separate sheets if there is not space here to list separately your purchases and sales. Carefully read No. 2 above.

Space for agent's stamp

CORN

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

JAMES L. MONTAGUE
County Agent
CHRISTIANBURG, VIRGINIA

- | | | |
|--|--|----------------|
| 1. Number of demonstrators | | <u>14</u> |
| 2. Number of demonstrators reporting | | <u>11</u> |
| 3. Total acreage of corn grown under improved methods on demonstration farms | | <u>114</u> |
| 4. Average yield per acre on demonstrations (bushels) | | <u>40</u> |
| 5. Estimated average yield for entire county (bushels) | | <u>30</u> |
| 6. Increased yield on demonstrations over ordinary methods (bushels) | | <u>10</u> |
| 7. Number of cooperators | | <u>20</u> |
| 8. Total acreage of corn grown under improved methods by cooperators | | <u>86</u> |
| 9. Average yield per acre on demonstrations by cooperators (bushels) | | <u>38</u> |
| 10. Number of farmers testing seed corn for germination | | <u>3</u> |
| 11. Number of bushels so tested for germination | | <u>4</u> |
| 12. How many farmers planted pure or selected seed on their demonstrations? | | <u>7</u> |
| 13. Acreage planted with pure or selected seed | | <u>68</u> |
| 14. Number of farmers you have influenced to select seed for next year's crop | | <u>12</u> |
| 15. Estimated amount of seed selected (bushels) | | <u>50</u> |
| 16. Number who fall-plowed their demonstration acres | | <u>1</u> |
| 17. Number who turned under cover crops on their demonstration acres | | <u>1</u> |
| 18. Number of acres harvested for silage | | <u>8</u> |
| 19. Yield per acre harvested for silage (tons) | | <u>95</u> |
| 20. Number of acres "hogged down" | | <u>49</u> |
| 21. Estimated value per acre when utilized this way | | <u>\$45.25</u> |
| " " " " " <i>Sold for grain @ .75</i> | | <u>\$35.45</u> |
| 22. Number of acres treated for diseases or insect pests | | <u>3</u> |
| 23. How many farmers have you directly influenced to use better methods in growing corn this year? | | <u>35</u> |
| 24. Estimate how many were indirectly influenced | | <u>45</u> |

(Use reverse side for remarks on this crop)

7
Five farmers kept records of corn hogged down. The returns from an acre were greater than had the grain been husked + sold at the present price of 75¢ per bu. The hogs mentioned above sold for 7.63 percent to 8.50 percent.

Two farmers made a dem in planting seed tested for root rot disease. The ^{seed} test was made at the state Exp sta. No visible difference in tested + untested plots were seen, tho disease was prevalent in both.

C O T T O N

Space for agent's stamp
 JAMES L. MONTAGUE,
 County Agent,
 CHRISTIANBURG, VIRGINIA.

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 fall-plowed their demonstration acres? _____
 16. How many turned under cover crops on their demonstration acres? _____
 17. Number of acres treated for diseases or insect pests _____
 18. Have you been able to get the farmers in any community to grow but one variety of cotton? _____
 19. How many farmers have you directly influenced to use better methods in cotton growing this year? _____
 20. Estimate how many were indirectly influenced _____
- Give particulars _____

(Use reverse side for remarks on this crop)

Space for agent's stamp

T O B A C C O

JAMES L. MONTAGUE,
County Agent,
CHRISTIANBURG, VIRGINIA

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. How many farmers have you directly influenced to use better methods in growing tobacco this year? _____
12. Estimate how many were indirectly influenced _____

(Use reverse side for remarks on this crop)

Space for agent's stamp

T O M A T O E S

JAMES L. MONTAGUE,
County Agent,
CHRISTIANBURG, VIRGINIA

- | | | |
|--|-------------------|--------------|
| 1. Number of demonstrators | | <u>1</u> |
| 2. Number of demonstrators reporting | | <u>1</u> |
| 3. Total acreage in demonstrations | | <u>4</u> |
| 4. Average yield per acre | (bushels) | <u>250</u> |
| 5. Estimated average yield per acre for entire county | (bushels) | <u>175</u> |
| 6. Increased yield per acre of demonstrations over ordinary methods | (bushels) | <u>75</u> |
| 7. How many farmers have you induced to plant pure or selected seed? | | <u>none</u> |
| 8. How many farmers have you induced to field select seed for next year's crop? | | <u>none</u> |
| 9. Acreage planted with pure or selected seed | | <u>4</u> |
| 10. How many fall-plowed their demonstration acres? | | <u>none</u> |
| 11. How many turned under cover crops on their demonstration acres? | | <u>1</u> |
| 12. How many tomato farmers did you influence to adopt a rotation system? | | <u>2</u> |
| 13. State the number of acres treated for insect pests | | <u>1</u> |
| 14. Estimate increased value per acre resulting from treatment | <u>receipt</u> \$ | <u>—</u> |
| 15. State the number of acres treated for diseases | | <u>none</u> |
| 16. Estimate increased value per acre resulting from treatment | \$ | <u>—</u> |
| 17. How many demonstrators grew their own plants? | | <u>none!</u> |
| 18. How many farmers have you induced to construct hot beds? | | <u>none</u> |
| 19. How many farmers have you directly influenced to use better methods in growing tomatoes this year? | | <u>2</u> |
| 20. Estimate how many were indirectly influenced | | <u>1</u> |

94-1 Owing to depression of ^{price} canned tomatoes last year, only a small acreage was planted this year. One Coop said he was going to handle 10 acres according to the Co Agts instructions next year.

(Use reverse side for remarks on this crop)

SMALL GRAINS

(Oats, Wheat, Rye, Barley, Buckoheat)

Space for agent's stamp

JAMES L. MONTAGUE
County Agent
CHRISTIANBURG, VIRGINIA

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

- | | | |
|---|-----------|-------------|
| 1. Number of demonstrators | | <u>2</u> |
| 2. Number of demonstrators reporting | | <u>1</u> |
| 3. Total acreage grown under improved methods on demonstration farms | | <u>2</u> |
| 4. Average yield per acre on demonstrations | (bushels) | <u>30</u> |
| 5. Estimated average yield per acre for entire county | (bushels) | <u>20</u> |
| 6. Increased yield per acre on demonstrations over ordinary methods | (bushels) | <u>10</u> |
| 7. Number of cooperators | | <u>1</u> |
| 8. Total acreage grown under improved methods by cooperators | | <u>3</u> |
| 9. Average yield per acre by cooperators | (bushels) | <u>25</u> |
| 10. Number of farmers testing seed for germination | | <u>none</u> |
| 11. Number of bushels so tested | | <u>none</u> |
| 12. Number of demonstration acres threshed for grain | | <u>2</u> |
| 13. Acreage planted with pure or selected seed | | <u>5</u> |
| 14. Number of demonstration acres cut for hay | | <u>none</u> |
| 15. Average yield of cured hay per acre on demonstrations | (tons) | <u>none</u> |
| 16. Increase per acre of cured hay on demonstrations over ordinary methods | (tons) | <u>—</u> |
| 17. Number of acres grazed off | | <u>none</u> |
| 18. Estimated value per acre of grazing | | <u>—</u> |
| 19. Number of acres turned under for soil improvement | | <u>none</u> |
| 20. How many bushels of seed were treated for smut, rust, etc.? | | <u>none</u> |
| 21. How many farmers have you directly influenced to use better methods in growing this crop this year? | | <u>3</u> |
| 22. Estimate how many were indirectly influenced | | <u>2</u> |

One farmer has sowed 2 acres of high yielding certified winter oats secured from the State Exp Sta thru the Va Crop Improvement Act.

This is a newly selected variety and outyielded any others in tests at Exp Sta. This farmer will produce these for seed to be sold in the county & State

Space for agent's stamp

SMALL GRAINS

JAMES L. MONTAGUE,
County Agent,
CHRISTIANBURG, VIRGINIA.

(Oats, Wheat, Rye, Barley, Buckwheat)

Wheat

Demonstration

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

- | | | |
|---|---------------------------------|-------------|
| 1. Number of demonstrators | | <u>None</u> |
| 2. Number of demonstrators reporting | | <u>None</u> |
| 3. Total acreage grown under improved methods on demonstration farms | | <u>None</u> |
| 4. Average yield per acre on demonstrations | (bushels) | <u>—</u> |
| 5. Estimated average yield per acre for entire county | (bushels) | <u>7</u> |
| 6. Increased yield per acre on demonstrations over ordinary methods | (bushels) | <u>—</u> |
| 7. Number of cooperators | | <u>—</u> |
| 8. Total acreage grown under improved methods by cooperators | | <u>—</u> |
| 9. Average yield per acre by cooperators | (bushels) | <u>—</u> |
| 10. Number of farmers testing seed for germination | | <u>—</u> |
| 11. Number of bushels so tested | | <u>—</u> |
| 12. Number of demonstration acres threshed for grain | | <u>—</u> |
| 13. Acreage planted with pure or selected seed | <i>certified seed this fall</i> | <u>4</u> |
| 14. Number of demonstration acres cut for hay | | <u>—</u> |
| 15. Average yield of cured hay per acre on demonstrations | (tons) | <u>—</u> |
| 16. Increase per acre of cured hay on demonstrations over ordinary methods | (tons) | <u>—</u> |
| 17. Number of acres grazed off | | <u>—</u> |
| 18. Estimated value per acre of grazing | | <u>0</u> |
| 19. Number of acres turned under for soil improvement | | <u>—</u> |
| 20. How many bushels of seed were treated for smut, rust, etc.? | | <u>10</u> |
| 21. How many farmers have you directly influenced to use better methods in growing this crop this year? | | <u>12</u> |
| 22. Estimate how many were indirectly influenced | | <u>15</u> |

Two farmers seeded 4 acres of a selected
high yielding wheat which will be kept
pure + distributed to farmers as soon
as enough is grown.

Space for agent's stamp

SMALL GRAINS

(Oats, Wheat, Rye, Barley, Buckwheat)

JAMES L. MONTAGUE,
County Agent
CHRISTIANBURG, VIRGINIA

~~X~~ **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, rust, etc.? | _____ |
| 21. How many farmers have you directly influenced to use better methods in growing this crop this year? | _____ |
| 22. Estimate how many were indirectly influenced | _____ |

Space for agent's stamp

SMALL GRAINS

(Oats, Wheat, Rye, Barley, Buckwheat)

JAMES L. MONTAGUE,
County Agent,
CHRISTIANBURG, VIRGINIA.

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, rust, etc.? _____
21. How many farmers have you directly influenced to use better methods in growing this crop this year? _____
22. Estimate how many were indirectly influenced _____

Space for agent's stamp

HAY, FORAGE, OR COVER CROPS

JAMES L. MONTAGUE
County Agent,
CHRISTIANSBURG, VIRGINIA

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 (seeded late summer 1921)

Demonstration

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

- 1. Number of demonstrators 6
- 2. Number of demonstrators reporting 6
- 3. Total acreage in this crop grown under improved methods on demonstrations 19
- 4. Average yield per acre on demonstrations (tons of cured hay) none
- 5. Estimated average yield per acre for entire county (tons of cured hay) 2
- 6. Number of acres cut for hay none
- 7. Increased yield per acre of demonstrations over ordinary methods (tons of cured hay) —
- 8. Number of acres grazed off none
- 9. Estimated value per acre of grazing 0
- 10. Number of cooperators 2
- 11. Total acreage grown under improved methods by cooperators 5
- 12. Average yield per acre by cooperators (tons of cured hay) none
- 13. How many acres (if legume) were inoculated? 19
- 14. How many farmers ordered inoculating material through you from U. S. Department of Agriculture? 5
- 15. How many demonstration acres were turned under for soil improvement? none
- 16. Estimate total number of acres in county turned under by agent's advice —
- 17. How many acres were seen this fall? 19
- 18. How many farmers have you directly influenced to use better methods in grazing this crop this year? 9
- 19. Estimate how many were indirectly influenced 2

94-A

No dem. cuttings reported as all seeding done in late summer of 1921.

Space for agent's stamp

HAY, FORAGE, OR COVER CROPS

JAMES L. MONTAGUE
County Agent
CHRISTIANBURG, VIRGINIA

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.

Rye (Pasture)

Demonstration

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

- | | | |
|---|---------------------|-------------|
| 1. Number of demonstrators | | <u>2</u> |
| 2. Number of demonstrators reporting | | <u>0</u> |
| 3. Total acreage in this crop grown under improved methods on demonstra- | tions | <u>9</u> |
| 4. Average yield per acre on demonstrations | (tons of cured hay) | <u>none</u> |
| 5. Estimated average yield per acre for entire county | (tons of cured hay) | <u>1</u> |
| 6. Number of acres cut for hay | | <u>none</u> |
| 7. Increased yield per acre of demonstrations over ordinary methods | (tons of cured hay) | <u>—</u> |
| 8. Number of acres grazed off | | <u>9</u> |
| 9. Estimated value per acre of grazing | | <u>0</u> |
| 10. Number of cooperators | | <u>3</u> |
| 11. Total acreage grown under improved methods by cooperators | | <u>12</u> |
| 12. Average yield per acre by cooperators | (tons of cured hay) | <u>—</u> |
| 13. How many acres (if legume) were inoculated? | | <u>—</u> |
| 14. How many farmers ordered inoculating material through you from U. S. Department of Agriculture? | | <u>—</u> |
| 15. How many demonstration acres were turned under for soil improvement? | | <u>—</u> |
| 16. Estimate total number of acres in county turned under by agent's advice | | <u>—</u> |
| 17. How many acres were sown this fall? | | <u>9</u> |
| 18. How many farmers have you directly influenced to use better methods in growing this crop this year? | | <u>5</u> |
| 19. Estimate how many were indirectly influenced | | <u>5</u> |

94-A

(Use reverse side for remarks on this crop)

To be used for pasture this winter

Space for agent's stamp

HAY, FORAGE, OR COVER CROPS

JAMES L. MONTAGUE
County Agent,
CHRISTIANBURG, VIRGINIA

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.

Hay (clover + timothy Demonstration
(Enter here the name of crop - separate sheet for each.)

- | | | |
|---|-----------------------------|----------------|
| 1. Number of demonstrators | <i>all seeded this year</i> | <u>5</u> |
| 2. Number of demonstrators reporting | <i>none cut</i> | <u>0</u> |
| 3. Total acreage in this crop grown under improved methods on demonstrations | | <u>46</u> |
| 4. Average yield per acre on demonstrations (tons of cured hay) | | <u>—</u> |
| 5. Estimated average yield per acre for entire county (tons of cured hay) | | <u>1</u> |
| 6. Number of acres cut for hay | | <u>—</u> |
| 7. Increased yield per acre of demonstrations over ordinary methods (tons of cured hay) | | <u>—</u> |
| 8. Number of acres grazed off | | <u>25</u> |
| 9. Estimated value per acre of grazing | | <u>\$ 1.00</u> |
| 10. Number of cooperators | | <u>7</u> |
| 11. Total acreage grown under improved methods by cooperators | | <u>—</u> |
| 12. Average yield per acre by cooperators (tons of cured hay) | | <u>—</u> |
| 13. How many acres (if legume) were inoculated? | | <u>none</u> |
| 14. How many farmers ordered inoculating material through you from U. S. Department of Agriculture? | | <u>none</u> |
| 15. How many demonstration acres were turned under for soil improvement? | | <u>none</u> |
| 16. Estimate total number of acres in county turned under by agent's advice | | <u>none</u> |
| 17. How many acres were sown this fall? | | <u>24</u> |
| 18. How many farmers have you directly influenced to use better methods in growing this crop this year? | | <u>15</u> |
| 19. Estimate how many were indirectly influenced | | <u>30</u> |

94-A *Most spring grass seedling were grazed. Most of these*
(Use reverse side for remarks of this crop)
dems were limed + top dressed with manure or fertility.

Space for Agent's Stamp

MAY, FORAGE, OR COVER CROPS

JAMES L. MONTAGUE,
County Agent,
CHRISTIANBURG, VIRGINIA.

NOTE: This form to be used for such crops as Alfalfa, Crimmon, Alsike, Red, Bar and Sweet Clover, Lespedeza, Vetch, Vetch and Oats, - Wheat, or Rye, Crimmon 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.

Bay Leafia (Seed forage)
(Enter here the name of crop - separate sheet for each.)

- | | | |
|---|----------------------|--------------|
| 1. Number of demonstrators | <i>See next page</i> | <u>6</u> |
| 2. Number of demonstrators reporting | | <u>6</u> |
| 3. Total acreage in this crop grown under improved methods on demonstrations | | <u>52</u> |
| 4. Average yield per acre on demonstrations (tons of cured hay) | | <u>8</u> |
| 5. Estimated average yield per acre for entire county (tons of cured hay) | | <u>none</u> |
| 6. Number of acres cut for hay | | <u>none</u> |
| 7. Increased yield per acre of demonstrations over ordinary methods (tons of cured hay) | | <u>_____</u> |
| 8. Number of acres grazed off | | <u>_____</u> |
| 9. Estimated value per acre of grazing | | <u>_____</u> |
| 10. Number of cooperators | | <u>_____</u> |
| 11. Total acreage grown under improved methods by cooperators | | <u>_____</u> |
| 12. Average yield per acre by cooperators (tons of cured hay) | | <u>_____</u> |
| 13. How many acres (if legume) were inoculated? | | <u>_____</u> |
| 14. How many farmers ordered inoculating material through you from U. S. Department of Agriculture? | | <u>_____</u> |
| 15. How many demonstration acres were turned under for soil improvement? | | <u>_____</u> |
| 16. Estimate total number of acres in county turned under by agent's advice | | <u>_____</u> |
| 17. How many acres were sown this fall? | | <u>_____</u> |
| 18. How many farmers have you directly influenced to use better methods in growing this crop this year? | | <u>_____</u> |
| 19. Estimate how many were indirectly influenced | | <u>_____</u> |
- 94-A (Use reverse side for remarks on this crop)

Space for agent's stamp

JAMES L. MONTAGUE,
County Agent,
CHRISTIANBURG, VIRGINIA.

SUNNER LEGUMES

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

Soy beans (Seed + forage) Demonstration
(Name of crop - separate sheet for each)

- | | | |
|--|-------------------|---------------|
| 1. Number of demonstrators | | <u>6</u> |
| 2. Number of demonstrators reporting | | <u>6</u> |
| 3. Total acreage of this crop grown under improved methods on demonstrations | | <u>52</u> |
| 4. Average yield per acre on demonstrations | (bushels of seed) | <u>48</u> |
| 5. Average yield per acre on demonstrations | (tons cured hay) | <u>none</u> |
| 6. Estimated average yield per acre for entire county | (bushels of seed) | <u>none</u> |
| 7. Estimated average yield per acre for entire county | (tons cured hay) | <u>---</u> |
| 8. Increased yield per acre on demonstrations over ordinary methods | (bushels of seed) | <u>---</u> |
| 9. Increased yield per acre on demonstrations over ordinary methods | (tons cured hay) | <u>---</u> |
| 10. Number of cooperators | | <u>---</u> |
| 11. Total acreage grown under improved methods by cooperators | | <u>---</u> |
| 12. Average yield per acre by cooperators | (bushels of seed) | <u>---</u> |
| 13. Average yield per acre by cooperators | (tons cured hay) | <u>---</u> |
| 14. Number of farmers testing seed for germination | | <u>none</u> |
| 15. Total number of bushels seed so tested | | <u>---</u> |
| 16. Acreage planted with pure or selected seed | | <u>2</u> |
| 17. Total acreage of demonstrators and cooperators threshed for seed | | <u>5</u> |
| 18. Total acreage of demonstrators and cooperators cut for hay | | <u>none</u> |
| 19. Number of acres grazed off | | <u>50</u> |
| 20. Estimated value per acre of grazing | | <u>\$3.00</u> |
| 21. Total number of acres turned under for soil improvement | | <u>none</u> |
| 22. Total number of acres inoculated - by Department cultures | | <u>4</u> |
| 23. Total number of acres inoculated - by inoculated soil | | <u>1</u> |
| 24. Total number of acres inoculated - by commercial cultures | | <u>none</u> |
| 25. Give estimate of the number of acres in your territory which were planted this year to this crop due to your influence | | <u>60</u> |
| 26. How many farmers have you directly influenced to use better methods in growing this crop this year? | | <u>60</u> |
| 27. Estimate how many were indirectly influenced | | <u>none</u> |

(Use reverse side for remarks on this crop)

over

7410
One dem planted 2 acres to certified
hand picked seed which he threshed & will
sell for seed.

Early maturing beans are required here
and since only large late maturing varieties
have formerly been offered for sale, this
valuable legume has been regarded as
unsuited for this climate. In order to show
that the right varieties are suited, five farmers
were induced to interplant inoculated seed in
their corn which was either hogged down
or put in silo. The adaptability of the right
varieties has been shown. Seed was saved
from some corn fields & many are planning
to soy soy beans next yr.

Space for agent's stamp

JAMES L. MONTAGUE,
County Agent,
CHRISTIANBURG, VIRGINIA.

SUNNER LEGUMES.

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

Cow Peas & Millet Hay Demonstration
(Name of crop - separate sheet for each)

- | | | |
|--|-------------------|--------------|
| 1. Number of demonstrators | | <u>1</u> |
| 2. Number of demonstrators reporting | | <u>1</u> |
| 3. Total acreage of this crop grown under improved methods on demonstrations | | <u>4</u> |
| 4. Average yield per acre on demonstrations | (bushels of seed) | <u>—</u> |
| 5. Average yield per acre on demonstrations | (tons cured hay) | <u>1 1/2</u> |
| 6. Estimated average yield per acre for entire county | (bushels of seed) | <u>—</u> |
| 7. Estimated average yield per acre for entire county | (tons cured hay) | <u>1 1/2</u> |
| 8. Increased yield per acre on demonstrations over ordinary methods | (bushels of seed) | <u>—</u> |
| 9. Increased yield per acre on demonstrations over ordinary methods | (tons cured hay) | <u>0</u> |
| 10. Number of cooperators | | <u>1</u> |
| 11. Total acreage grown under improved methods by cooperators | | <u>2</u> |
| 12. Average yield per acre by cooperators | (bushels of seed) | <u>—</u> |
| 13. Average yield per acre by cooperators | (tons cured hay) | <u>1 1/2</u> |
| 14. Number of farmers testing seed for germination | | <u>none</u> |
| 15. Total number of bushels seed so tested | | <u>—</u> |
| 16. Acreage planted with pure or selected seed | | <u>none</u> |
| 17. Total acreage of demonstrators and cooperators threshed for seed | | <u>none</u> |
| 18. Total acreage of demonstrators and cooperators cut for hay | | <u>6</u> |
| 19. Number of acres grazed off | | <u>none</u> |
| 20. Estimated value per acre of grazing | \$ | <u>—</u> |
| 21. Total number of acres turned under for soil improvement | | <u>none</u> |
| 22. Total number of acres inoculated - by Department cultures | | <u>4</u> |
| 23. Total number of acres inoculated - by inoculated soil | | <u>none</u> |
| 24. Total number of acres inoculated - by commercial cultures | | <u>none</u> |
| 25. Give estimate of the number of acres in your territory which were planted this year to this crop due to your influence | | <u>6</u> |
| 26. How many farmers have you directly influenced to use better methods in growing this crop this year? | | <u>3</u> |
| 27. Estimate how many were indirectly influenced | | <u>0</u> |

Cowpeas not as well suited to this county as soybeans is
(Use reverse side for remarks on this crop)

SUNYER LEGUMES

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

Space for agent's stamp

JAMES L. MONTAGUE,
County Agent,
CHICKLANSBURG, VIRGINIA.

Soy Bean & Millet Hay Demonstration
(Name of crop - separate sheet for each)

- | | | |
|--|-------------------|----------------|
| 1. Number of demonstrators | | <u>1</u> |
| 2. Number of demonstrators reporting | | <u>1</u> |
| 3. Total acreage of this crop grown under improved methods on demonstrations | | <u>6</u> |
| 4. Average yield per acre on demonstrations | (bushels of seed) | <u>—</u> |
| 5. Average yield per acre on demonstrations | (tons cured hay) | <u>2</u> |
| 6. Estimated average yield per acre for entire county | (bushels of seed) | <u>2</u> |
| 7. Estimated average yield per acre for entire county | (tons cured hay) | <u>2</u> |
| 8. Increased yield per acre on demonstrations over ordinary methods | (bushels of seed) | <u>—</u> |
| 9. Increased yield per acre on demonstrations over ordinary methods | (tons cured hay) | <u>0</u> |
| 10. Number of cooperators | | <u>None</u> |
| 11. Total acreage grown under improved methods by cooperators | | <u>—</u> |
| 12. Average yield per acre by cooperators | (bushels of seed) | <u>—</u> |
| 13. Average yield per acre by cooperators | (tons cured hay) | <u>—</u> |
| 14. Number of farmers testing seed for germination | | <u>—</u> |
| 15. Total number of bushels seed so tested | | <u>—</u> |
| 16. Acreage planted with pure or selected seed | | <u>—</u> |
| 17. Total acreage of demonstrators and cooperators threshed for seed | | <u>—</u> |
| 18. Total acreage of demonstrators and cooperators cut for hay | | <u>6</u> |
| 19. Number of acres grazed off | | <u>None</u> |
| 20. Estimated value per acre of grazing | | <u>\$ None</u> |
| 21. Total number of acres turned under for soil improvement | | <u>None</u> |
| 22. Total number of acres inoculated - by Department cultures | | <u>6</u> |
| 23. Total number of acres inoculated - by inoculated soil | | <u>None</u> |
| 24. Total number of acres inoculated - by commercial cultures | | <u>None</u> |
| 25. Give estimate of the number of acres in your territory which were planted this year to this crop due to your influence | | <u>10</u> |
| 26. How many farmers have you directly influenced to use better methods in growing this crop this year? | | <u>2</u> |
| 27. Estimate how many were indirectly influenced | | <u>0</u> |

This crop will become one for permanent rotation with this man
(Use reverse side for remarks on this crop)

Space for agent's stamp

SUMMER LEGUMES

JAMES I. MONTAGUE,
County Agent,
CHRISTIANBURG, VIRGINIA.

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

Winter Vetch + Ryegrass

Demonstration

(Name of crop - separate sheet for each)

1. Number of demonstrators 1
2. Number of demonstrators reporting 1
3. Total acreage of this crop grown under improved methods on demonstrations 2
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. How many farmers have you directly influenced to use better methods in growing this crop this year?
27. Estimate how many were indirectly influenced

A new crop in this county believed to be better than
(Use reverse side for remarks on this crop)

94-A

Crimson clover which is very uncertain

Space for agent's stamp

JAMES L. MONTAGUE
County Agent,
CHRISTIANBURG, VIRGINIA.

IRISH POTATOES

1. Number of demonstrators		<u>1</u>
2. Number of demonstrators reporting		<u>1</u>
3. Total acreage of potato demonstrations		<u>2</u>
4. Average yield per acre on demonstrations	(bushels)	<u>50</u>
5. Estimated average yield per acre for entire county	(bushels)	<u>40</u>
6. Estimated number of acres planted with treated seed		<u>none</u>
7. Estimated number of acres on which foliage was treated for diseases and insects pests		<u>10</u>
8. How many farmers used certified seed through your influence?		<u>none</u>
9. Total acreage planted with certified seed		<u> </u>
10. How many farmers have you directly influenced to use better methods in growing this crop this year?		<u>15</u>
11. Estimate how many were indirectly influenced		<u>25</u>

Early drought injurious to potatoes. Those who applied manure or bicarbonate soda reported highest yields & vines stayed green longer.

(Use reverse side for additional remarks on this crop)

Space for agent's stamp

JAMES L. MONTAGUE,
County Agent,
CHRISTIANBURG, VIRGINIA.

SWEET POTATOES

- | | | |
|---|-----------|-------|
| 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. How many farmers have you directly influenced to use better methods in growing this crop this year? | | _____ |
| 15. Estimate how many were indirectly influenced | | _____ |

(Use reverse side for additional remarks on this crop)

Space for agent's stamp

H O R S E S

JAMES L. MONTAGUE,
County Agent,
CHRISTIANBURG, VIRGINIA.

1. How many pure-bred stallions have been brought into the county this year, due to your influence? _____
2. How many pure-bred jacks brought in due to your influence? _____
3. How many brood mares brought in 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? _____

R E M A R K S :

(Use reverse side for additional remarks)

Space for agent's stamp

DAIRY CATTLE

JAMES L. MONTAGUE
County Agent,
CHRISTIANBURG, VIRGINIA.

1. How many head of pure-bred bulls have been brought into the county this year through your influence?
2. How many head of pure-bred cows or heifers have been brought into the county 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 grade dairy cows have been brought into the county for breeding purposes this year through your influence?
6. How many cows have been tested at your instance to determine the profitable milk producers?
7. Do you carry or own a Babcock tester? no
8. How many farmers have been induced to feed a better balanced ration to their stock? 4
9. How many head of stock so fed? 17
10. How many demonstrations in dairy work have you supervised? none
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? 2
14. How many new cream routes established this year due to the influence of the county agent's work? none
(If creameries have been established make report)
15. How many cheese factories in your county? none
16. How many cheese factories established in your county this year? none
17. How many pure-bred dairy bulls in the county now? X 8
18. How many pure-bred dairy cows in the county now? X 10

Does not include state college herd

Space for agent's stamp

JAMES L. MONTAGUE,
County Agent,
CHRISTIANBURG, VIRGINIA.

DAIRY CATTLE (Continued)

- 19. How many cow testing associations established this year due to your influence? (Give report if any) _____
- 20. How many dairy breeders' associations established this year due to your influence? (Give report if any) _____
- 21. How many dairy bull associations established _____ year? _____
- 22. Number of members in these associations _____
- 23. Number of bulls in these associations _____
- 24. Total number of cows kept by members of these associations _____
- 25. Total number of bull associations now in operation in your county None

(Use reverse side for remarks)

Space for agent's stamp

B E E F C A T T L E

JAMES L. MONTAGUE,
County Agent,
CHRISTIANBURG, VIRGINIA.

1. How many head of pure-bred bulls have been brought into the county this year through your influence? 2
2. How many head of pure-bred cows or heifers have been brought into the county this year through your influence? 6
3. How many head of pure-bred beef cattle have you assisted your farmers in selling this year - through individual sales? 2
4. How many head of pure-bred beef cattle have you assisted your farmers in selling this year - through group sales? none
5. How many head of grade cows have been brought into the county this year for breeding purposes, through your influence? none
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? 300
8. How many beef feeding demonstrations did you supervise? 1
9. How many cattle in these feeding demonstrations? 40
10. On how many of these demonstrations were records kept? Not finished
1
(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? 40
12. Estimate the number of beef cattle cared for according to methods which you advocated - where methods were partially followed? 200
(Give results of these methods and special campaigns along beef cattle lines under "Remarks")
13. Number of beef cattle breeders' associations or clubs formed? none
14. Number of members of such associations or clubs? 0
15. Number of pure-bred beef bulls in county now? 20
16. Number of pure-bred beef cows in county now? 10

Most cattle here are fattened on grass. This is an unfinished dem in short feeding of cattle using home grown feeds + cotton seed meal. Present indications are that fair returns will be realized for feed + labor.

Space for agent's stamp

JAMES L. MONTAGUE
County Agent,
CHRISTIANBURG, VIRGINIA

D I P P I N G V A T S

- | | |
|--|----|
| 1. How many dipping vats have been built through your influence this year? | 11 |
| 2. How many have you helped to construct? | 11 |
| 3. How many have you helped to fill with the solution? | 11 |
| 4. For how many have you tested the solution? | 11 |
| 5. Total number built in county by all forces during the year | 11 |
| 6. Total number in the county at this time | 13 |
| 7. Estimate the total number of cattle dipped during the year | 11 |

(For additional remarks use reverse side of this sheet)

Space for agent's stamp

JAMES L. MONTAGUE
County Agent,
CHRISTIANBURG, VIRGINIA.

H O G S

- | | |
|--|-------------|
| 1. How many head of pure-bred <u>boars</u> have been brought into the county this year due to your influence? | <u>3</u> |
| 2. How many head of pure-bred <u>sows or gilts</u> have been brought into the county this year due to your influence? | <u>1</u> |
| 3. How many head of pure-bred hogs have you assisted your farmers in selling this year - through <u>individual sales</u> ? | <u>4</u> |
| 4. How many head of pure-bred hogs have you assisted your farmers in selling this year - through <u>group sales</u> ? | <u>None</u> |
| 5. How many herds of pure-bred hogs have been started through your influence? | <u>None</u> |
| 6. How many hog feeding demonstrations did you supervise? | <u>5</u> |
| 7. How many hogs in these demonstrations? | <u>196</u> |
| 8. On how many of these demonstrations were records kept? | <u>5</u> |
| 9. How many self-feeders secured at your suggestion? | <u>None</u> |
| 10. How many farmers have you induced to start the growing of grazing crops for hogs? | <u>6</u> |
| 11. Estimate number of hogs fed or cared for according to methods which you advocated | <u>300</u> |
| 12. Give number of pure-bred boars in county now | <u>20</u> |

Hogs used to hog down corn made better returns per acre than corn grain would when sold at 75¢ per bu

(For remarks, incidents, &c., use other side and additional sheets if necessary)

Space for agent's stamp

JAMES L. MONTAGUE,
County Agent,
CHRISTIANBURG, VIRGINIA.

SHEEP AND GOATS

1. How many head of pure-bred rams have been brought into the county this year through your influence? None
2. How many head of pure-bred ewes have been brought into the county this year through your influence? None
3. How many head of pure-bred sheep and goats have you assisted your farmers in selling this year - through individual sales? 4
4. How many head of pure-bred sheep and goats have you assisted your farmers in selling this year - through group sales? None
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 80
13. Number of pure-bred ewes in county now 30
14. Report results of campaign for more sheep, eradication of dogs, etc., under "Remarks".

(For additional remarks, etc., use reverse side of sheet)

Space for agent's stamp

P O U L T R Y

JAMES L. MONTAGUE
County Agent,
CHRISTIANBURG, VIRGINIA

- | | | |
|--|------------|---------------|
| 1. Number of poultry demonstrations | | <u>7</u> |
| 2. Number of each kind of poultry grown and cared for according to methods which you advocated | (Chickens | <u>7</u> |
| | (Ducks | <u> </u> |
| | (Guineas | <u> </u> |
| | (Turkeys | <u> </u> |
| | (Geese | <u> </u> |
| | TOTAL | <u>7</u> |
| 3. On how many farms has poultry management been improved as a result of your work? | | <u>12</u> |
| 4. How many birds on these farms? | | <u>400</u> |
| 5. How many communities have adopted a standard variety of poultry? | | <u>none</u> |
| 6. On how many cream routes are poultry products collected? | | <u>none</u> |
| 7. How many flocks culled through your efforts? | | <u>32</u> |
| 8. Number of birds in flocks culled | | <u>2193</u> |
| 9. Number of birds eliminated through culling | | <u>242</u> |
| 10. How many farmers were induced to raise standard bred poultry this year? | | <u>8</u> |
| 11. How many demonstrators were induced to practice early hatching? | | <u>0</u> |
| 12. How many winter feeding demonstrations? | | <u>0</u> |
| 13. Number of birds in these demonstrations? | | <u>0</u> |
| 14. Number of new poultry houses erected at your suggestion | | <u>2</u> |
| 15. Number of poultry houses remodeled at your suggestion | | <u>3</u> |
| 16. Report on reverse side of this sheet any work done on poultry diseases. | | |

Fine demo. have entered the state Farm Flock Egg Certification Contest for purpose of getting flocks certified.
Group found in one flock & diseased birds discarded.
(For additional remarks use reverse side of this sheet)

Space for agent's stamp

LIVE STOCK DISEASES AND PESTS

JAMES L. MONTAGUE,
County Agent,
CHRISTIANBURG, VIRGINIA.

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

	Demonstrations	* Animals treated
(Blackleg - - - - -)	1	26
(Anthrax or charbon - - - - -)	—	—
(Digestive and other troubles - - - - -)	—	—
<u>CATTLE</u> (Tuberculosis - - - - -)	—	4
(Ticks - - - - -)	—	—
(Lice - - - - -)	—	2
(Contagious abortion vaccine - - - - -)	1	43
(Cholera (single treatment) - - - - -)	none	none
(Cholera (simultaneous treatment) - - - - -)	—	—
(Digestive and other troubles - - - - -)	—	—
<u>HOGS</u> (Worms - - - - -)	—	—
(Lice - - - - -)	—	2
(Mange - - - - -)	—	—
(Stomach worms - - - - -)	none	none
(Digestive and other troubles - - - - -)	—	—
<u>SHEEP</u> (Grubs - - - - -)	—	—
(Scab - - - - -)	—	—
(Ticks - - - - -)	—	—
(Spinal meningitis - - - - -)	none	none
(Digestive ailments - - - - -)	—	4
(Anthrax or charbon - - - - -)	—	—
<u>HORSES</u> (Distemper - - - - -)	—	—
(Accidents - - - - -)	—	1
(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 - - - - -	1	16
CATTLE, for Tuberculosis - - - - -	—	—
CATTLE, for Anthrax or charbon - - - - -	—	—
HOGS, for Cholera - - - - -	—	—
HORSES, for Anthrax or charbon - - - - -	—	—

3. Have you instruments for such demonstrations? no
4. Report results of treatments and of campaigns for eradication or control of diseases or pests under "Remarks" (Use reverse side of sheet).

* Include all animals treated through your influence.

Space for agent's stamp

JAMES L. MONTAGUE,
County Agent,
CHRISTIANBURG, VIRGINIA.

FERTILIZERS

- | | | |
|---|---------------|-----------------|
| 1. How many farmers have you advised regarding the proper use of fertilizers? | | <u>150</u> |
| 2. How many fertilizer demonstrations are the farmers conducting with you? | | <u>25</u> |
| 3. Total acreage in these demonstrations | | <u>1023</u> |
| 4. How much fertilizer used on such demonstrations? | cwt
(tons) | <u>50</u> |
| 5. How many communities have you influenced to buy fertilizers cooperatively? | | <u>3</u> |
| 6. Quantity bought cooperatively | (tons) | <u>182</u> |
| 7. Value of fertilizer bought cooperatively (actual price paid by cooperative purchase) | | <u>\$ 2,458</u> |
| 8. Total amount saved by cooperative purchases | | <u>\$ 460</u> |
| 9. Number of farmers home-mixing fertilizer on your advice | | <u>none</u> |
| 10. Estimated number of tons home-mixed | | <u>—</u> |
| 11. Estimated saving to farmers | (per ton) | <u>\$ none</u> |

Over 100 farmers were advised of use of
and purchase of fertilizer thru their
club meetings.

(For additional remarks use reverse side of sheet)

Space for agent's stamp

M A N U R E

JAMES L. MOSEY JR.
County Agent
CHRISTIANBURG, VIRGINIA

- | | |
|--|-------------|
| 1. How many farmers have you induced to take better care of farm manure? | <u>13</u> |
| 2. How many have provided manure sheds at your suggestion? | <u>1</u> |
| 3. How many are composting farm manure and waste products? | <u>none</u> |
| 4. How many manure spreaders have been secured this year through your influence? | <u>none</u> |
| 5. How many farmers are using phosphate or other material for reinforcing farm manure? | <u>None</u> |

Farmers influenced to spread fine manure on
grass & small grain instead of turning under — 12
No Acres so treated 60

13 cattle growers were influenced to save manure
in sheds & barns in until hauled to field instead of
throwing it out in rains —

(For additional remarks use reverse side of this sheet)

Space for agent's stamp

S I L O S

JAMES L. MONTAGUE
County Agent
CHRISTIANBURG, VIRGINIA

- | | |
|---|-----------------|
| 1. How many silos have been built in your county this year? | <u>4</u> |
| 2. How many silos built this year as a result of your advice? | <u>1</u> |
| 3. How many silos are in county now? | <u>91</u> |
| 4. Of the number of silos in county now there are: | |
| Tile | <u>7</u> |
| Cement | <u>5</u> |
| Stave | <u>25</u> |
| Stone | <u>6</u> |
| Pit | <u>3</u> |
| Other | <u>1</u> |
| | <u>91</u> |
| | TOTAL <u>91</u> |

The only silos created in the county this year were for purpose of feeding dairy cattle. The drop in price of steers & the uncertainty of the future seems to have badly affected the building of silos on ~~beef~~ beef cattle farms.

(For additional remarks use reverse side of sheet)

Space for agent's stamp

JAMES L. MONTAGUE,
 County Agent,
 CHRISTIANBURG, VIRGINIA

L I M E

1. Number of demonstrators		<u>11</u>
2. Number of demonstrators reporting		<u>8</u>
3. Total number of acres in lime demonstrations		<u>79</u>
4. How many farmers, other than demonstrators, used lime this year due to your influence?		<u>20</u>
5. Quantity of burned lime used	(tons)	<u>225</u>
6. Quantity of limestone or its equivalent used	(tons)	<u>150</u>
7. Total number of acres treated this year		<u>400</u>
8. Number of local sources of lime developed		<u>2</u>
9. Number of lime crushers installed as a result of your work		<u>none</u>
10. Number of lime kilns built as a result of your work		<u>1</u>
11. Number of lime sheds constructed as a result of your work		<u>none</u>
12. Number of carloads shipped into your county		<u>20</u>
13. Number of farms on which soil was tested for acidity		<u>none</u>

In spite of high price of lime, nearly twice as much was used this year as last. This heavy use was due in part to the efforts of county agent + in part to farmers clubs which enabled farmers to purchase at car load rates.

(For additional remarks use reverse side of this sheet)

FARM AND FARMSTEAD
IMPROVEMENTS

Space for agent's story

JAMES L. MONTAGUE,
County Agent,
CHRISTIANBURG, VIRGINIA

THINGS DONE WITH AGENT'S ASSISTANCE AND ADVICE

	Dwelling	Other	
1. Number of buildings erected	—	—	
2. Number of farm buildings improved	—	4	
3. Number of new building plans furnished	—	1	
4. Number of farm buildings painted or whitewashed	—	—	
5. Number of home water systems installed or improved this year			1
6. Total number of such systems in county now			20
7. Number of home ^{hydro electric} lighting systems installed in county this year (prospects)			2
8. Total number of such systems in county now			25
9. Number of windmills erected this year			—
10. Number of home grounds improved			5
11. Number of farm and home sanitary conditions improved			1
12. Number of homes screened against flies and mosquitoes			—
13. Number of sanitary privies erected			—
14. Number of septic tanks installed			—
15. Number of telephone systems installed			1
16. Number of farmers furnished plans and induced to adopt systematic crop rotations			2
17. Total acreage of such rotations			280
18. Number of new pastures established			—
19. Total acreage of new pastures established			—
20. Number of old pastures renovated			1
21. Total acreage of old pastures renovated			2.0

Space for agent's stamp

JAMES L. MONTAGUE,
County Agent,
CHRISTIANBURG, VIRGINIA.

FARMS AND FARMSSTEAD IMPROVEMENTS (Continued)

- 22. Number of drainage systems established in county _____
- 23. Number of farmers induced to drain all or part of their farms _____
- 24. Number of such acres drained - by tile _____
- 25. Number of such acres drained - by ditch _____
- 26. Number of farmers induced to remove stumps _____
- 27. Number of acres from which stumps were removed _____
- 28. Number of farmers induced to terrace their sloping lands _____
- 29. Total acreage so terraced _____
- 30. Number of home gardens planted or improved _____ **7**
- 31. Number of road improving demonstrations assisted in _____
- 32. Number of miles of improved roads resulting therefrom _____
- 33. Number of farmers who planted cover crops to be turned under _____ **6**
- 34. 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	_____	Manure spreaders	_____
Grain drills	_____	Small tools	_____
Disk harrows	_____	<u>Line Spreader</u>	_____
1-horse cultivators	_____		_____

1 line spreader bought on club plan
by 5 farmers which caused 2 extra cars
line to be used in section 20 miles from

Space for agent's stamp

JAMES L. MONTAIGNE
County Agent
CHRISTIANBURG, VIRGINIA

MISCELLANEOUS EXTENSION WORK

1. Number of visits by agent to - -	(Demonstrators - - - - -	<u>203</u>
	(Cooperators - - - - -	<u>550</u>
	(Other farmers - - - - -	<u>96</u>
	(Business men - - - - -	<u>91</u>
	(Boys' and girls' club members - -	<u>121</u>
	TOTAL	<u>1,061</u>

2. Number of miles traveled - - - -	(Railroad - - - - -	<u>688</u>
	(Team - - - - -	<u>4,765</u>
	(Automobile - - - - -	<u>102</u>
	(Otherwise - - - - -	
	TOTAL	<u>4,455</u>

3. Calls on agent at office and home relative to work - Personal	<u>432</u>
4. Calls on agent at office and home relative to work. - Telephone	<u>140</u>
5. Number of farmers' meetings held under auspices of agent or Extension Division	<u>43</u>
6. How many meetings of all kinds, including field meetings, did you address?	<u>38</u>
7. Total attendance at these meetings (approximate)	<u>1432</u>
8. How many field meetings held by you?	<u>2</u>
9. Total attendance at these meetings	<u>2</u>

10. What per cent of time spent at office work? <u>26</u>	How divided?	(Correspondence	<u>60</u> %
		(Conference	<u>20</u> %
		(Miscellaneous	<u>20</u> %
		TOTAL	<u>100</u> %

11. What per cent of time spent in field work? <u>74</u>	How divided?	(Supervising regular	<u>30</u> %
		(demonstrations	<u>40</u> %
		(Other farm visits	<u>10</u> %
		(At meetings	<u>0</u> %
		(Assisted in short	<u>0</u> %
		(course work	<u>0</u> %
		(Organization and	<u>24</u> %
		(marketing	<u>24</u> %
		TOTAL	<u>100</u> %

Space for agent's stamp

MISCELLANEOUS EXTENSION WORK
(Continued)JAMES L. MONTAGUE,
County Agent,
CHRISTIANBURG, VIRGINIA.

- | | |
|--|-------------|
| 12. Number of official letters written | <u>652</u> |
| 13. Number of articles relating to your work prepared for publication | <u>21</u> |
| 14. Number of different circular letters prepared by you and sent out | <u>23</u> |
| 15. Total number of copies of such letters
(Give list and copy of each, if possible) | <u>1840</u> |
| 16. Number of bulletins or circulars of U. S. Department of Agriculture distributed | <u>590</u> |
| 17. Number of bulletins or circulars from State college or State department of agriculture distributed | <u>91</u> |
| 18. Number of visits to schools relating to work | <u>18</u> |
| 19. In how many schools did you assist in outlining an agricultural course? | <u>2</u> |
| 20. How many extension schools or short courses did you assist in? | <u>1</u> |
| 21. Total attendance at these schools | <u>500</u> |
| 22. Total number of days you were engaged in these schools | <u>3</u> |
| 23. Number of farmers who attended short courses at colleges as a result of your effort | <u>15</u> |
| 24. Number of club boys who entered college for first time this year | <u>1</u> |
| 25. How many times have you been visited by specialists from college or the Department? | <u>16</u> |
| 26. Was there a county fair held in your county? | <u>yes</u> |
| 27. How many demonstrators, cooperators and club members had exhibits? | <u>30</u> |
| 28. How many of these won prizes? | <u>20</u> |
| 29. How many demonstrations have you in truck or small fruit? | <u>3</u> |
| 30. How many were successful from a financial standpoint? <i>diverse freeze</i> | <u>none</u> |
| 31. How many farm account books distributed to farmers? | <u>—</u> |
| 32. How many farmers in your county are keeping <u>complete cost records</u> at your instance? | <u>none</u> |
| 33. How many farmers in your county are keeping <u>partial cost records</u> at your instance? | <u>40</u> |

Space for agent's stamp

JAMES L. MONTAGUE,
County Agent,
CHRISTIANBURG, VIRGINIA.

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? 1
- 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 at your suggestion?
- 38. Number of hives involved in these demonstrations
- 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?

CROP	Improved seed secured		Improved seed offered for sale	
	Farms	Bushels	Farms	Bushels
Corn	6	16	3	40
Cotton		(lbs)		(lbs)
Oats	1	2 certified	—	—
Potatoes	1	2	—	—
Tobacco		(oz.)		(oz.)
Other wheat	2	4 certified	—	250
Soy beans	1	1 certified	—	—

(For additional remarks, reports, etc., use other side and extra sheets)

Space for agent's stamp



SPECIAL REPORT BY WHITE AGENTS ON WORK WITH
NEGRO FARMERSJAMES L. MONTAGUE
County Agent
CHRISTIANBURG, VIRGINIANOTE:- 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. Number of negro farmers who fall-plowed their demonstration acres _____
 10. Approximately, how many negro farmers in your territory are following demonstration methods on their farms? _____
 11. Name the principal crops grown under demonstration methods by negro demonstrators and cooperators _____
-
- | | | |
|--|-----------------------------|-------|
| | (Horses - - - - -) | _____ |
| | (Beef cattle - - - - -) | _____ |
| | (Sheep and goats - - - - -) | _____ |
| 12. Number of pure-bred animals bought by negro farmers at your suggestion - - - - - | (Dairy cattle - - - - -) | _____ |
| | (Hogs - - - - -) | _____ |
| | (Poultry - - - - -) | _____ |
-
13. Number of negro farmers who have produced practically all their home food and feed due to your influence _____
 14. Number of negro agricultural clubs or community organizations formed this year for the general improvement of rural conditions _____
 15. Number of members _____

Space for agent's stamp

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

JAMES L. MONTAGUE
 County Agent
 CHRISTIANBURG, VIRGINIA

- | | | |
|---|--|---|
| <p>16. Farm and rural improvements made
 due to agent's influence - - - -</p> | <p>(New houses built - - - - -
 (New barns built - - - - -
 (New schools built - - - - -
 (New churches built - - - - -
 (New toilets built - - - - -
 (Buildings improved or repaired</p> |  |
| <p>17. Number of Farm Makers' Clubs organized this year</p> | |  |
| <p>18. Number of members in these clubs</p> | | |
| <p>19. Number of Home Makers' Clubs organized this year</p> | | |
| <p>20. Number of members in these clubs</p> | | |

Space for agent's stamp

SUCCESSFUL UNDERTAKINGS

JAMES L. MONTAGUE
County Agent
CHRISTIANBURG, VIRGINIA

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.

over

THE LIVESTOCK COOPERATIVE SHIPPING ASSOCIATION OF F. N. BALFOUR, MISSISSIPPI
INDOORPATED

JAMES L. MONTAGUE,
County Agent

The largest cash crop of this county is livestock. Most of the stock raised comes from adjoining counties, and the methods of feeding and grading have been in vogue for generations and are generally good. But in the matter of marketing, this county has always depended upon a dozen or 15 men to whom the stock was usually sold. It was plain that this dozen had made themselves comfortable in their trade. The present plan of marketing was offered to the four farmers clubs by the county agent and the state bureau of markets. It looked good to them and they accordingly organized the association on a small scale.

A man in whom they had the greatest confidence, and in who was active and experienced in handling livestock was employed as manager and shipper. This man alone was probably the greatest drawing card in the deck, for shipping livestock is a gamble no doubt, so little effort was made to secure a large membership. It was intended to be a demonstration only the first year.

There are 165 members, about 60 of whom are from an adjoining county. Since lamb shipping began to the present date 55 cars of livestock have been handled through this association. Based on offers from outside buyers at the home scales, this method of shipping livestock has saved its 165 members over \$7,500.00, or \$45.00 per member. The life of this organization is its flexibility. Members can sell where their animals bring the most. There is no binding contract. When a member has stock to ship, he notifies the manager in time, the manager makes up the loads and attends to all transactions. There is a sinking or insurance fund of about \$20.00 per car, and the managers commission is about \$20.00 per car. More stock would have been shipped, but a great deal of it had been previously contracted for previously to the organization of the association. Another notable fact is that prices for livestock was higher in the neighborhood of the association than where the association did not operate.

HOGGING DOWN THE CORN CROP

This is a method feeding that had been little heard of in this county. It was thought that Bill Smith was the only farmer who could successfully manage this operation. Bill is the biggest hog raiser and feeder in around. When Bill told the county agent how he managed it, it looked so good that the agent determined to put it to the farmers. Five demonstrations were carried out, and in every one of them the corn brought more than it would had it been sold as grain for a \$0.75 per bushel. The hogs sold for \$7.63 to \$8.50 per cwt. But Bill knows his game for he beat all the others. His hogs put on 80 pounds in ~~30~~ 30 days while foraging on corn. These netted \$7.63 per cwt. and as Bill claims a 200 pound hog cant eat over a peck of shelled corn a day, you can figure out for yourself what his corn netted per bushel.

CERTIFIED SEED PRODUCTION

This work would look to be a small beginning, but in reality was hampered more by the inability to get suitable seed to start with than by anything else. Five farmers are growing

791.
certified dx seed, one of whom is on a distributing basis. Three other farmers are on a production basis of seed which is approved by the Va. Crop Improvement Assn, as true to name, and clean of weeds and mixtures. A source of ~~pure~~ pure seed was hard to find in this county before the agent began work even in spite of the fact that the Va. Exp. Station is in this same county.

In all three of the above undertakings the agent has endeavored to build the work in such a way that in case the agent's work were to cease, the projects he had started could continue to function without him, and it is believed that such would be the case.

JAMES L. MONTAGUE,
County Agent,
CHRISTIANBURG, VIRGINIA.

Space for agent's stamp

BOYS' CLUB WORK

General

JAMES L. MONTAGUE,
County Agent,
CHRISTIANBURG, VIRGINIA

- | | |
|--|----------------|
| 1. Number of organized community agricultural clubs in county | <u>3</u> |
| 2. Number of community meetings held | <u>3</u> |
| 3. Number of county club meetings held this year for business purposes | <u>16</u> |
| 4. Number of encampments or short courses held in county for instruction and recreation | <u>12</u> |
| 5. Number of club boys sent to short courses or State encampments | <u>2</u> |
| 6. Number of club boys entering college for the first time this year | <u>2</u> |
| 7. Number of club boys sent to the state fair this year | <u>2</u> |
| 8. Number of club boys sent on other educational trips this year | <u>2</u> |
| <u>Explain:</u> _____ | |
| _____ | |
| 9. Number of club shows and exhibits held this year Co 1 State 2 | <u>1</u> |
| 10. Value of prizes won by club boys on <u>Crops</u> | <u>\$12.50</u> |
| 11. Value of prizes won by club boys on <u>Animals</u> | <u>\$17.00</u> |
| 12. Number of banks or individuals that loaned money to club boys to buy seed, livestock, etc. | <u>—</u> |
| 13. Approximate total amount so loaned | <u>—</u> |
| 14. Amount lost, if any, because of these loans | <u>—</u> |
| 15. Number of boys who have their own bank account | <u>20</u> |

BOYS' CLUB MARKETING
BUYING and SELLING

Article	Quantity (Bu., lbs. or tons)	Purchase price	Local price	Saving to members
<u>BOUGHT</u>				
<i>None</i>	<i>X</i>	\$	\$	\$
<u>SOLD</u>				

BOYS' CLUB WORK

JAMES L. MONTAGUE,
County Agent,
CHRISTIANBURG, VIRGINIA

Human Interest Features

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

over

I

5412

Gilbert Wolley was a Corn Club Member. His father was not much interested in either the county agent or club work. However, by using pure bred seed and fertilizer, Gilbert beat his father growing corn. When the time came to measure up, Gilbert's father was very enthusiastic over the accomplishments of his son. He furthermore told the county agent that he wanted to follow his full directions next year in preparing, setting, fertilizing and cultivating 10 acres of tomatoes next year. Gilbert's father would like to see a Dad's Tomato Club in his neighborhood.

II

John McDonald goes to the Christiansburg High School which is three miles from his home. He belonged to the high school ~~EXPERIMENTAL~~ poultry club, is very industrious, and wants to win his way through college. How to complete two more years of high school and make some money at the same time was his problem. As a last resort, he confided in the county agent. It was an opportune time, for the agent was at that moment looking around for another likely flock of chickens to be entered in the Certified Farm Flock Egg Laying Contest. John's enthusiasm had been boosted for more poultry by winning second at both the state and district fairs, and when he heard of the State Poultry Specialist making a profit of \$1600 in one year from a farm flock, he immediately signed the contract, and invested his current earnings in more fowls. John can cull a hen as far as he can see one.

III

From an investment of \$10.00 in eggs and equipment Roy Hughes made a profit of \$36.50. \$8.50 of which came as premiums from three fairs. This was ~~EXCELLENT~~ a dividend of almost 300%. However, Roy made the mistake of sell his fowls for broilers, when he could have realized a neater profit had he sold them for breeding stock as the entire community is calling on him for ~~xxx~~ cockerels and pullets. Some are even placing orders for eggs to set next spring.

JAMES L. MONTAGUE
County Agent,
CHRISTIANBURG, VIRGINIA.

RECORD OF CROPS REPORTED BY BOYS' CLUBS

ESTIMATE FROM
CLUBS NOT REPORTING

Kind of Club	Total enrollment	Number of acres	Com - plete reports received	Total production (bushels or pounds)	Aver - age yield per acre	Aver - age cost per bushel or pound	Total cost of production	Total value of crop	Total profit	ESTIMATE FROM CLUBS NOT REPORTING		
										Number of members	Estimated total production	Estimated total value
Corn	4	3	3	Bu. 186	Bu. 62	47	\$87 ⁴²	\$139 ⁰⁰	\$52 ¹⁴	1	Bu. 50	\$37 ²⁰
Peanuts				Bu.	Bu.						Bu.	
Peanut hay				Tons	T.						T.	
Irish potatoes	2	44	2	Lbs. 2604	Bu. 186	73	33 ⁵⁰	672 ⁵⁰	33 ⁷⁵	—	Bu.	—
Grass				Lbs.	Bu.						Bu.	
Grain sorghum				Bu.	Bu.						Bu.	
Wheat				Bu.	Bu.						Bu.	
Oats				Bu.	Bu.						Bu.	
Peas				Bu.	Bu.						Bu.	
Pea hay				Tons	T.						T.	
Soy beans				Bu.	Bu.						Bu.	
Soy bean hay				Tons	T.						T.	
Velvet beans				Bu.	Bu.						Bu.	
Seed cotton				Lbs.	Lb.						Lb.	
Miscellaneous												

Number of bushels of purebred seed corn distributed to club boys 2 bu
 Number of bushels of other purebred seed distributed to club boys 2 Pota
 How many club members planted catch crops (beans, peas, etc.)? none

JAMES L. MONTAGUE,
 County Agent,
 CHRISTIANBURG, VIRGINIA.

RECORDS OF CROPS REPORTED BY FARM MAKERS CLUBS (Negro)

ESTIMATE FROM CLUBS NOT REPORTING

Kind of Club	Total enrollment	Number of acres	Complete reports received	Total production (bushels or pounds)	Average yield per acre	Average cost per bushel or pound	Total cost of production	Total value of crop	Total profit	Number of members	Estimated total	Estimated total
											production	value
Corn				Bu.	Bu.	\$	\$	\$	\$		Bu.	\$
Peanuts				Bu.	Bu.						Bu.	
Peanut hay				Tons	T.						T.	
Irish potatoes				Bu.	Bu.						Bu.	
Sweet potatoes				Bu.	Bu.						Bu.	
Grain sorghum				Bu.	Bu.						Bu.	
Wheat				Bu.	Bu.						Bu.	
Oats				Bu.	Bu.						Bu.	
Peas				Bu.	Bu.						Bu.	
Pea hay				Tons	T.						T.	
Soy beans				Bu.	Bu.						Bu.	
Soy bean hay				Tons	T.						T.	
Velvet beans				Bu.	Bu.						Bu.	
Seed cotton				Lbs.	Lbs.						Lbs.	
Miscellaneous												

Number of bushels of purebred seed corn distributed to club boys _____

Number of bushels of other purebred seed distributed to club boys _____

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

JAMES L. MONTAGUE
 4-6000
 COUNTY AGENT
 CHRISTIANBURG, VIRGINIA

OTS 900-00

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

ESTIMATE FROM
CLUBS NOT REPORTING

Kind of club .. 53	Enroll-ment in clubs	Complete reports received	Total number of animals	Total initial weight (pounds)	Total final weight (pounds)	Average cost per pound	Total cost	Total value	Total profit	Number members	ESTIMATE FROM CLUBS NOT REPORTING	
											Estimated total number pounds	Estimated total value
PIGS							\$	\$	\$	\$		\$
Fattening Deme												
Growing "												
Sow and litter												
SHEEP												
Demonstrations												
BEEF CATTLE												
Fattening deme												
Growing "												
Cow-calf "												
DAIRY CATTLE												
Growing deme.												
Cow-calf "												
MISCELLANEOUS												
Demonstrations												
POULTRY												
Demonstrations												

	Number starting with birds	Produced with eggs	Birds	Doz eggs	No. of Doz of Birds	Eggs
Number of purebred PIGS distributed to club boys						
" " grade						
" " purebred CALVES						
" " grade						
" " purebred SHEEP						
" " grade						
" " purebred POULTRY						
Eggs from purebred poultry distributed to club boys (doz)						

JAMES I. MONTAGUE
County Agent,
CHRISTIANBURG, VIRGINIA.

LIST OF BOYS MAKING 5 BEST RECORDS
CORN

Name	Address	Bushels	Variety	Cost per bushel	Net profit	Value of prizes
Gilbert Holley	Pilot Va	63	Sil King	41¢	\$ 22.00	\$ 1.00
Robert Smith	River "	65	"	44¢	20.25	.50
Cahley Richardson	River "	58	Ante Co	40¢	19.85	0

PEANUTS

Name	Address	Bushels of nuts	Pounds of hay	Cost per bushel	Net profit	Value of prizes	
	X				\$	\$	

POTATOES Irish

Name	Address	Bushels	Cost per bushel	Net profit	Value of prizes
Thos Sibold	Blacksburg	254	70¢	\$17.55	\$25.00
Langley Collins	Rogers	21	76¢	15.70	.50

GRAIN SORGHUMS

Name	Address	Bushels	Variety	Cost per bushel	Net profit	Value of prizes	
	X				\$	\$	

JAMES I. MONTAGUE
County Agent
CHRISTIANBURG, VIRGINIA

GENS 930-11

LIST OF BOYS MAKING 5 BEST RECORDS

COTTON

Name	Address	Pounds seed cotton	Pounds lint	Pounds seed	Cost per pound seed cotton	Net profit	Value of prizes
Arthur Bennett	Rivers Va	X	X	X	X	X	X
Olson Williamson	Do						
Harold Altiger	Do						
Ray Gerald	Christiansburg Va						
Harold Hawley	Do						

PIGS - Fattening Demonstration

Name	Address	Number of animals	Original value	Final value	Total cost of gain	Profit	Value of prizes
Arthur Bennett	Rivers Va	1	\$6.50	\$31.62	\$16.12	\$9.00	\$19
Olson Williamson	Do	1	4.00	20.30	20.30	8.17	3.50
Harold Altiger	Do	1	6.50	24.75	13.37	4.22	none
Ray Gerald	Christiansburg Va	1	5.00	22.89	22.89	4.22	8.00
Harold Hawley	Do	1	5.00	15.74	15.74	3.00	none

PIGS - Growing Demonstration

Name	Address	Number of animals	Original value	Final value	Total cost of gain	Profit	Value of prizes
Robert Wall	Cumtaria	1	\$5.00	\$25	\$10.00	\$7.00	none

PIGS - Sow and Litter Demonstration

Name	Address	Number of animals	Original value	Final value	Total cost of gain	Profit	Value of prizes
	X		\$	\$	\$	\$	\$

JAMES L. MONTAGUE,
County Agent,
CHRISTIANSBURG, VIRGINIA.

OWS 920-112

LIST OF BOYS MAKING 5 BEST RECORDS

SHEEP Demonstration							
Name	Address	Number of animals	Original value	Final value	Total cost of gain	Profit	Value of prizes
			\$	\$	\$	\$	\$
X	X						

BEEF CATTLE - Fattening Demonstration

Name	Address	Number of animals	Original value	Final value	Total cost of gain	Profit	Value of prizes
Ross Thompson	Riner	1	\$ 65. ⁰⁰	\$107. ⁵⁰	\$44. ⁹⁰	\$ 40	\$5. ⁰⁰
Sheldon Thompson	Do	1	65. ⁰⁰	182. ⁶⁵	44. ⁹⁰	6. ²⁵	3. ⁰⁰
William Cowan	Whitethorne	1	55. ⁰⁰	72. ⁵⁷	35.-	17. ⁴³	none
Geo. Cowan	Do	1	55. ⁰⁰	65. ¹¹	35.-	24. ⁸⁷	none

BEEF CATTLE - Growing Demonstration

Name	Address	Number of animals	Original value	Final value	Total cost of gain	Profit	Value of prizes
			\$	\$	\$	\$	\$

BEEF CATTLE - Cow-Calf Demonstration

Name	Address	Number of animals	Original value	Final value	Total cost of gain	Profit	Value of prizes
			\$	\$	\$	\$	\$

JAMES I. MONTAVIER,
County Agent,
CHRISTIANBURG, VIRGINIA.

FORM 920-113

LIST OF BOYS MAKING 5 BEST RECORDS
DAIRY CALF - Growing Demonstration

Name	Address	Number of animals	Original value	Final value	Total cost of gain	Profit	Value of prizes
			\$	\$	\$	\$	\$

DAIRY CALF - Cow - Calf Demonstration

Name	Address	Number of animals	Original value	Final value	Total cost of gain	Profit	Value of prizes
			\$	\$	\$	\$	\$

POULTRY Demonstration

Name	Address	Number of birds	Total eggs produced	Total value	Total cost	Profit	Value of prizes
Ray Hughes	Cambria R 1	38	4444	\$46.50	\$10.00	\$36.50	\$
Alan Christiansen	Christiansburg	30	0	31.50	5.45	26.35	
Joe H. Belmont	500	26	0	14.87	6.75	18.12	
John McDonald	Cambria R 1	39	0	33.50	11.10	19.50	
Robert Simpkins	Christiansburg Va	55	0	31.75	14.10	17.65	

MISCELLANEOUS Demonstration

Name	Address	Number of animals	Original value	Final value	Total cost of gain	Profit	Value of prizes
			\$	\$	\$	\$	\$

JAMES E. MOYSEWITZ,
V. A. City Agent,
CHRISTIANBURG, VIRGINIA.

GENS 9-20-54