

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 1919

State Virginia. County York.

Report of D. S. Harris. County Agent

From January 1 to December 31, 1919

Approved:

State Agent

Date Forwarded

Director of Extension Work

Space for agent's stamp

D. S. HARRIS

County Agent

WILLIAMSBURG, VIRGINIA

COUNTY ORGANIZATIONS (cont'd)

7. State several direct ways in which these clubs are helpful to the farmer and his family. (Use extra pages if necessary) **NO**

8. Are these community farmers' clubs dependent on the county agent for their existence and the continuation of their efforts?

9. Does each club have a community plan or program of work?
 (Attach a copy of such plans for the past year)

10. Does the county organization have a definite plan of work with reference to the county?

11. To what extent are these clubs cooperating with the county and community councils of defense? (Use extra page if necessary in answering)

12. 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? **none**

Over.

For some unexplained reason, it has been impossible to maintain any kind of a community organization in the county.

Two locals of the Farmers' Union were organized but they existed but a few months, and died from inaction.

Two efforts at organizing farmers clubs met with failure.

At the present time there is a condition of uncertainty among the people of the county on account of the government taking over large tracts of land in the county for military purposes; and this feeling seriously interferes with any effort towards advancement.

Space for Agent's stamp

C O R N

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

D. S. HARRIS
County Agent

WILLIAMSBURG, VIRGINIA

- | | | |
|---|-------|-------|
| 1. Number of demonstrators | _____ | 2 |
| 2. Number of demonstrators reporting | _____ | 2 |
| 3. Total acreage of corn grown under improved methods on demonstration farms | _____ | 25 |
| 4. Average yield per acre on demonstrations (bushels) | _____ | 25 |
| 5. Estimated average yield for entire county (bushels) | _____ | 15 |
| 6. Increased yield on demonstrations over ordinary methods (bushels) | _____ | 10 |
| 7. Number of cooperators _____; Acreage _____; Yield per acre (bu.) | _____ | 2 |
| 8. Number who planted pure or selected seed on their demonstrations | _____ | _____ |
| 9. Number of farmers you have influenced to select seed for next year crop _____; Estimated amount of seed selected (bushels) | _____ | 20 |
| 10. Number who fall plowed their demonstration acres | _____ | 1 |
| 11. Number who turned under cover crops on their demonstration acres | _____ | _____ |
| 12. Number of acres harvested for silage _____; Yield per acre (tons) | _____ | _____ |
| 13. Number of acres "hogged down" _____; Value per acre when utilized this way | _____ | _____ |
| 14. Number of acres treated for diseases or insect pests | _____ | _____ |
| 15. How many farmers have you directly influenced to use better methods in growing corn this year? | _____ | 10 |
| How many indirectly influenced? | _____ | 10 |
| 16. What per cent of all farmers in your territory are following demonstration methods in corn growing? (estimate) | _____ | 25 |
| 17. How many farmers does this represent approximately? | _____ | 100 |

(Use reverse side for remarks on this crop)

I do not advocate fall plowing but sowing cover crops to be plowed under in the spring.

Farmers are disposed to use their cover crops for pasture in the spring until it is too late to get the best results during the growing season.

Space for agent's stamp

SMALL GRAINS

B. S. HARRIS

County Agent

(Oats, Wheat, Rye, Barley, Buckwheat)

WILLIAMSBURG, VIRGINIA

Demonstration

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

1. Number of demonstrators 2 _____
2. Number of demonstrators reporting 2 _____
3. Total acreage in this crop grown under improved methods on demonstration farms 8 _____
4. Average yield per acre on demonstration farms (bushels) _____
5. Estimated average yield per acre for entire county (bushels) 10 _____
6. Increased yield per acre on demonstrations over ordinary methods (bu) _____
7. Number of cooperators _____; Acreage _____; Yield per acre (bu.) _____
8. Number of demonstration acres threshed for grain 8 _____
9. Number of demonstration acres cut for hay _____
10. Average yield of cured hay per acre on demonstrations (tons) _____
11. Increase per acre of cured hay on demonstrations over ordinary methods (tons) _____
12. Number of acres grazed off _____; Estimated value per acre \$ _____
13. Number of acres turned under for soil improvement _____
14. How many acres were treated for insect pests? 8 _____
15. How many bushels of seed were treated for smut, rust, etc.? nearly all. _____
16. How many farmers have you induced to plant this crop for the first time? 11 _____
17. How many farmers have you directly influenced to use better methods in growing this crop this year? 10 _____
- How many indirectly influenced? _____

*NOTE: Under remarks state the nature and results of treatment of disease from insect pests; use other side of sheet for this.

Nearly every farmer sowing wheat in the county treats his seed for smut; so there is practically no smut in the wheat grown in the county.

The wheat was very badly injured with red rust this year. Rust was so prevalent that there were no fields of wheat which gave good yields.

Space for agent's stamp

HAY, FORAGE OR COVER CROPS

D.S. HARRIS
County Agent

WILLIAMSBURG, VIRGINIA

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

Alfalfa.

Demonstration.

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

- | | | |
|---|-------|------------------|
| 1. Number of demonstrators | _____ | 2 |
| 2. Number of demonstrators reporting | _____ | 2 |
| 3. Total acreage in this crop grown under improved methods on/ | _____ | 2 |
| 4. Average yield per acre on demonstrations (tons of cured hay) | _____ | 1 |
| 5. Estimated average yield per acre for entire county (tons cured hay) | _____ | 1 |
| 6. Number of acres cut for hay | _____ | |
| 7. Increased yield per acre of demonstrations over ordinary methods/ | _____ | |
| 8. Number of acres grazed off | _____ | |
| 9. Estimated value per acre of grazing | _____ | \$ |
| 10. Number of operators _____; Acreage _____; Yield per acre/ | _____ | (tons cured hay) |
| 11. How many acres of legumes in this class of crops were inoculated? | _____ | Department? |
| 12. How many farmers ordered inoculating material through you from this/ | _____ | Department? |
| 13. How many demonstration acres were turned under for soil improvement/ | _____ | Department? |
| 14. Estimate total number of acres in county turned under by agent's/ | _____ | Department? |
| 15. How many acres were sown this fall? | _____ | |
| 16. How many farmers have you directly influenced to use better methods in growing this crop this year? | _____ | |
| How many indirectly influenced? | _____ | |

(Use reverse side for remarks on this crop)

There was no alfalfa grown in the county when demonstration work began. All alfalfa grown is grown according to demonstration methods.

The farmers are now using inoculated soil from their own (or from neighbors' fields) fields for inoculation.

The unusually dry weather in the later part of August and through September prevented the seeding of considerable alfalfa this fall.

Some who had their land fitted to seed to alfalfa seeded to wheat, and will sow alfalfa next season.

Soy beans is one of our most important forage crops; and is being more extensively planted every year.

The green clover worm attacked the soy bean crop last summer and at one time seemed to be destroying the crop; but the second brood of the worm failed to develop, and the beans practically ~~was~~ recovered from the damage done by the first brood of the worms.

Space for agent's stamp

SUMMER LEGUMES

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

U. S. BUREAU OF PLANT INDUSTRY
 DEPARTMENT OF AGRICULTURE
 WASHINGTON, D. C.

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

Demonstration.

1. Number of demonstrators 1
2. Number of demonstrators reporting 1
3. Total acreage of this crop grown under improved methods on demonstration farms 15
4. Average yield per acre on demonstrations - bushels of seed 14
 tons cured hay
5. Estimated average yield per acre for entire county - bu. of seed 10
 tons c. hay
6. Increased yield per acre on demonstrations over ordinary methods 1
 bushels of seed
 tons cured hay
7. Number of cooperators _____; Yield per acre bu. of seed _____
 acreage _____; Tons cured hay _____
8. Total acreage of demonstrators and cooperators threshed for seed 20
9. Total acreage of demonstrators and cooperators cut for hay _____
10. Number of acres grazed off _____; Estimated value per acre of grazing \$ _____
11. Total number of acres turned under for soil improvement _____
12. Total number of acres inoculated _____; by Department cultures
 by inoculated soil _____
13. Give estimate of the number of acres in your territory which were planted this year to this crop due to your influence. _____
14. How many farmers have you directly influenced to use better methods in growing this crop this year? _____
 How many indirectly influenced? _____

(Use reverse side for remarks on this crop)

The Soy bean is grown to such an extent that the soil generally is inoculated for this crop, hence but little inoculating is done; and where it is necessary, soil is taken from an inoculated field.

Space for agent's stamp

IRISH POTATOES

D. S. HARRIS
County Agent

WILLIAMSBURG, VIRGINIA

- | | |
|--|-------|
| | 1 |
| 1. Number of demonstrators | 1 |
| 2. Number of demonstrators reporting | 7 |
| 3. Total acreage of potato demonstrations | 80 |
| 4. Average yield per acre on demonstrations (bushels) | 70 |
| 5. Estimated average yield per acre for entire county (bushels) | 100 |
| 6. Estimated number of acres treated for diseases and insect pests due to your influence | 10 |
| 7. How many farmers have you directly influenced to use better methods in growing this crop this year? | 20 |
| How many indirectly influenced? | 1 |
| 8. Estimated increased acreage this year due to county agent's work | _____ |
| 9. How have you been able to assist in marketing the crops? | _____ |

most of the crop has been sold locally.

(Use reverse side for additional remarks on this crop)

Space for agent's stamp

A. N. HARRIS

County Agent

WILLIAMSBURG, VIRGINIA

O R C H A R D S

1. Number of demonstration home orchards:	{ Apple Peach Other	<u>2</u>	<u>7</u>
2. Total number of trees in these demonstrations:			<u>1000</u>
		<u>No. Orchards</u>	<u>No. Trees</u>
3. Orchards inspected		<u>7</u>	<u>1000</u>
4. Orchards pruned due to your influence		<u>12</u>	<u>1900</u>
5. Orchards sprayed due to your influence		<u>7</u>	<u>1000</u>
6. Peach orchards treated for borers due to your influence			
7. Orchards planted due to your influence			
		<u>12</u>	<u>1900</u>
		<u>T O T A L</u>	

8. How many commercial orchards in your county: **no** _____; No. trees **no** _____
 Apple _____; No. trees _____
 Peach _____; No. trees _____
9. How many commercial orchards have you assisted in caring for? 0
10. How many trees did you actually { spray? _____
 prune? _____
 worm? _____
11. Report of special campaigns, results, etc.

There are no commercial orchards in the county.

Many of the farmers will have a few fruit trees (which he does not care for), and some of the farmers will have a home (mixed) orchard to furnish fruit for family use.

(Use reverse side for additional remarks)

A severe freeze on the night of April 29th killed the fruit
in five of the demonstration orchards, so the work was continued
in only two orchards this year.

Space for agent's stamp

H O R S E S

D. S. HARRIS

County Agent

WILLIAMSBURG, VIRGINIA

1. How many pure bred stallions and jacks have been brought into the county this year, due to your influence?

Stallions	_____
Jacks	_____

2. How many brood mares brought in due to your influence? _____
3. How many demonstrations in feeding horses or mules? _____
4. How many horses or mules in these demonstrations? _____

(Report results under "Remarks")

5. How many horses or mules fed and cared for according to methods you have advocated? _____
6. How many pure blood stallions in county when demonstration work started? _____
How many now? _____
7. How many pure blood jacks in county when demonstration work started? 0
How many now? 1

REMARKS:

There is little interest in horse growing in the county. The sales of government horses and mules at Newport News during last spring had a discouraging influence on the horse industry. Ordinarily, the farmers of the county depend upon the Baltimore and the Richmond horse markets for their supply of horses.

(Use reverse side for additional remarks)

Space for agent's stamp

DAIRY CATTLE

D. S. HARRIS

County Agent

WILLIAMSBURG, VIRGINIA

1. How many head of pure-bred dairy stock have been brought into the county this year through your influence? 2 Bulls 6 Cows or heifers
2. How many head of pure-bred dairy cattle have you assisted your farmers in selling this year - through individual sales _____ through group sales _____
3. How many grade dairy cows have been brought into the county for breeding purposes this year through your influence? _____
4. How many cows have been tested at your instance to determine the profitable milk producers? _____
5. Do you carry or own a Babcock tester? NO
6. How many farmers have been induced to feed a better balanced ration to their stock? 10
How many head of stock so fed? 30
(Report results under "Remarks")
7. How many demonstrations in dairy work have you supervised? _____
8. How many cows in these demonstrations? _____
(Report results under "Remarks")
9. How many new creameries established this year due to your influence? _____
10. How many cheese factories in your county? _____
11. How many cheese factories established in your county this year? _____
12. How many pure bred dairy bulls in the county when county agent work was started? 0
24
6
How many now? _____
13. How many pure bred dairy cows in the county when county agent work was started? 0
8
How many now? _____
14. How many new cream routes established this year due to the influence of the county agent's work? _____
15. How many cow testing associations established this year due to your influence? _____
16. How many dairy breeders' associations established this year due to your influence? _____

(Use reverse side for remarks)

The number of dairy cows in the county is decreasing, on account of the ^{high} prices and uncertainty of the labor to be obtained.

The farmers are decreasing the number of cows and increasing the quality of the cows kept.

Pure bred sires are attracting more attention.

Farmers are inquiring for a "dual purpose" cow, and some are getting bulls of the milking short horn strain.

Space for agent's stamp

D. S. HARRIS

County Agent

B E E F C A T T L E

WILLIAMSBURG, VIRGINIA

1. How many head of pure bred beef cattle have been brought into your county this year through your influence? 1
Bulls 4
Cows or Heifers _____

2. How many head of pure bred beef cattle have you assisted your farmers in selling this year? _____
Through individual sales _____
Through group sales _____

3. How many head of grade cows have been brought into your county this year for breeding purposes, through your influence? _____

4. How many beef breeding herds were started this year due to your influence? 1

5. How many head of feeding cattle have been brought into your county this year through your influence? _____

6. How many beef feeding demonstrations did you supervise? _____

7. How many cattle in these demonstrations? _____

8. 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")

9. Estimate the number of beef cattle cared for according to methods which you advocated, _____
where methods were wholly followed _____
where methods were partially followed _____
(Give results of these methods and special campaigns along beef cattle lines under "Remarks")

10. Number of beef cattle breeders' associations or clubs formed _____
(Number of members) _____

11. Number of pure-blood beef bulls in county when demonstration work started: 0
Number now 2

12. Number of pure-blood beef cows in county when demonstration work started: 0
Number now 12

(Use reverse side for remarks)

Little attention has been given to growing beef cattle in this county, on account of the poor pastures.

The development of better pastures is attracting attention to the chances for profitable beef production.

Farmers are beginning to make inquiries about beef cattle.

Space for Agent's stamp

D. N. HARRIS,

Agent

DIPPING VATS

WILLIAMSON, MISSOURI

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

As this county is tick free, and there are no contagious diseases among the cattle, there are no dipping vats in the county.

(For additional remarks use reverse side of this sheet)

Space for agent's stamp

D. S. HARRIS

County Agent

H O G S

WILLIAMSBURG, VIRGINIA

- | | | |
|--|--------------------------|------|
| 1. How many head of pure bred hogs have been brought into your county this year due to your influence? | Bears | 1 |
| | Sows or gilts | 2 |
| 2. How many head of pure bred hogs have you assisted your farmers in selling this year? | Through individual sales | |
| | Through group sales | |
| 3. How many extra head of pure bred and grade sows have been bred, due to your influence? | | 1 |
| 4. How many herds have been started? | | 1 |
| 5. How many hog feeding demonstrations did you supervise? | | 50 |
| 6. How many hogs in these demonstrations? | | 0 |
| 7. On how many of these demonstrations were records kept? | | |
| (Report results in dollars, rate of gain, amount and cost of gain, total profit, detailed statements of production, etc, and attach hereto; also report number of farmers, number of hogs, and results of "hogging off" or grazing of crops, in same manner as for feeding demonstration.) | | 3 |
| 8. How many farmers have you induced to start hog pastures? | | 3 |
| 9. How many farmers have you induced to start the growing of grazing crops for hogs? | | 50 |
| 10. Estimate number of hogs fed or cared for according to methods which you advocated. | | 0 |
| | | 10 |
| 11. Give number of pure-blood bears when demonstration work started. | Number now. | 1 |
| | | 1200 |
| 12. Give number of hogs in county when demonstration work started. | Number now | |

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

When demonstration work started practically no hogs were shipped out of the county. This year several car loads of hogs have been shipped to the Richmond market.

Improved pastures, grazing crops, and increased grain yields is increasing the hog industry of the county.

Space for agent's stamp

SHEEP AND GOATS

D. S. HARRIS

County Agent

WILLIAMSBURG, VIRGINIA

Demonstration

Specify if sheep or goats - separate sheet for each

1. How many head of pure-bred rams have been brought into the county this year through your influence?
How many ewes? _____
2. How many head of pure-bred sheep and goats have you assisted your farmers in selling this year - through individual sales? _____
through group sales? _____
3. How many grade ewes have been brought into the county this year for breeding purposes due to your influence? _____
4. How many flocks have been started? _____
5. How many sheep-feeding demonstrations did you supervise? _____
6. How many sheep in these demonstrations? _____
7. On how many of these demonstrations were records kept?

(Give statement of production in dollars, rate, amount and cost of gain, profit, etc., and attach hereto; also report results of grazing of crops in same manner as for feeding demonstrations.)
8. How many farmers did you induce to grow grazing crops for sheep? _____
9. Estimated number of sheep fed or cared for according to methods which you advocated. _____
10. Number of pure-blood rams in county when demonstration work started _____
Number now _____
11. Number of pure-blood sheep in county when demonstration work started _____
Number now _____
12. Report results of campaign for more sheep, eradication of dogs, etc., under "Remarks". _____

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

For various reasons the farmers have disposed of their sheep in the county until there are practically no sheep left.

The dog law is being generally enforced, and the number of dogs has decreased materially.

Farmers are beginning to make inquiry about sheep, and it is expected that the sheep industry will be revived in the county.

Space for Agent's stamp

P O U L T R Y

D. S. HARRIS
County Agent

WILLIAMSBURG, VIRGINIA

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

Chickens	_____	Turkeys	_____
Ducks	_____	Geese	_____
Guineas	_____	TOTAL	_____
3. On how many farms has poultry management been improved as a result of your work? _____ **10**
- How many birds on these farms? _____ **700**
4. Report on reverse side of this sheet any work done on poultry/
diseases _____
5. How many farmers have you induced to produce non-fertile eggs? _____ **2**
6. How many non-fertile eggs produced (dozen) _____ **1**
- Average price per dozen _____ **60¢**
7. How many communities are raising the same kind of poultry? _____
8. On how many cream routes are poultry products collected? _____

Only general work has been done with poultry; as poultry is kept as a side line by the farmers; and it has been difficult to get its help.

Improved methods of feeding are being used and more eggs are obtained as a result of such feeding.

Every year more of the poultry keepers are producing infertile eggs, and pecking eggs during the early summer for home use during the winter so they can sell the fresh eggs during the time that they command the highest prices.

A great deal more attention is being given this year to getting hens of good laying strains.

V

Space for agent's stamp

LIVE STOCK DISEASES AND PESTS

D. S. HARRIS

County Agent

WILLIAMSBURG, VIRGINIA

1. State below how many head of stock you or other extension workers have induced farmers in your county to have treated for diseases or pests:

Cattle treated for:

blackleg	_____	tuberculosis	_____
anthrax or charbon	No disease.	ticks	_____
digestive and other troubles	_____	lice	_____

Hogs treated for:

No outbreak of cholera.

cholera (single treatment)	_____	worms	_____
cholera (simultaneous " ")	_____	lice	_____
digestive and other troubles	_____	mange	_____

Sheep treated for:

stomach worms	15	grubs	_____
digestive and other troubles	_____	scab	_____
		ticks	15

Horses treated for:

spinal meningitis	_____	distemper	_____
digestive ailments	_____	accidents	_____
anthrax or charbon	_____	other troubles	_____

(Report results of cattle, hogs, sheep and horse treatments under "Remarks")

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

<u>Cattle</u> :-	blackleg	_____	tuberculosis	_____
	anthrax or charbon	_____		
<u>Hogs</u> :-			hog cholera	_____
<u>Horses</u> :-			anthrax or charbon	_____

3. Have you instruments for such treatments? **Yes.**

4. Report results of campaigns for eradication or control of diseases or pests.

**Black leg is unknown in this county.
There has been NO outbreak of any contagious disease
among horses, cattle, or hogs, which has come to my knowledge.**

(Use reverse side of sheet for remarks, etc.)

Space for agent's stamp

FERTILIZER

D. S. HARRIS,

County Agent,

WILLIAMSBURG, VIRGINIA

1. How many farmers have you advised regarding the proper use of fertilizers? _____ **100**
2. How many fertilizer demonstrations are the farmers conducting with you? _____
3. How much fertilizer used on such demonstrations? _____ (tons) _____
4. How many communities have you influenced to buy fertilizers cooperatively? _____

Quantity bought cooperatively (tons) _____

Value of fertilizer bought cooperatively
(actual price paid by cooperative purchaser): \$ _____

Total amount saved by cooperative purchases \$ _____

5. Number of farmers home-mixing fertilizer on your advice _____
6. Estimated saving per ton to farmers _____ \$ _____
7. Number of farmers who top-dressed crops with fertilizer at your suggestion. _____

The farmers generally are using 16% acid phosphate on their crops, and supplying nitrogen through the growing of leguminous crops, and manure.

The potato growers use a complete commercial fertilizer on their potatoes and follow the potato crop by another crop to take up the excess fertilizer.

(For additional remarks use reverse side of sheet.)

Space for agent's stamp

M A N U R E

D. S. HARRIS,
County Agent,
WILLIAMSBURG, VIRGINIA

1. How many farmers have you induced to take better care of farm manure? 50
2. How many have provided manure sheds at your suggestion? 1
3. How many are composting farm manure and waste products? 15
4. How many manure spreaders are in the county? 10
5. How many have you helped to place this year? 0
6. How many farmers are using phosphate or other material for reenfoc-
ing farm manure? 100
7. Estimated quantity of farm manure now being saved in your territory?
(tons) 6000

Many of the farmers are so planning their work that they haul the manure direct from the stable and distribute it on the land, thus handling it but one time.

Much more care is being taken in caring for the barn yard manure than was the case a few years back.

(For additional remarks use reverse side of this sheet)

Space for agent's stamp

S I L O S

D. S. HAINES,
County Agent

WILLIAMSBURG CO., VIRGINIA

1. How many silos have been built in your county this year? 1
2. How many silos built this year as a result of your advice? 1
3. How many silos were in county when county agent's work was started? 2
How many in county now? 14
4. Of the number of silos in county now there are:

Tile	<u> </u>
Cement	<u>2</u>
Stave	<u>12</u>
Stone	<u> </u>
Other	<u> </u>
TOTAL	<u>14</u>

The War & the Navy Departments have taken over so much land in the county and dispossessed the occupants that there are fewer siloes now than there were three years ago.

Space for agent's stamp

D. B. HARRIS,
County Agent,

WILLIAMSBURG, VIRGINIA

L I M E

1. Number of demonstrators _____
2. Number of demonstrators reporting _____
3. Total number of acres in lime demonstrations _____
4. Kinds of crops grown in lime demonstrations _____
5. If each crop grown by a demonstrator is a part of a rotation, name the crops included in the rotation system:

6. Average yield per acre on demonstrations (Name crop and use common unit of measurement in case of each crop) _____

7. Estimated average yield of unlimed land in the county _____
8. Increased yield per acre due to application of lime _____
9. How many farmers, other than demonstrators, used lime this year due to your influence? _____ 10
10. Quantity used: Burned lime (tons) _____
Limestone or its equivalent (tons) _____ 50
11. Total number of acres treated this year _____ 50
12. Number of local sources of lime developed _____
13. Number of lime crushers installed as a result of your work _____
14. Number of lime kilns built as a result of your work _____
15. Number of lime sheds constructed as result of your work _____
16. Number of carloads shipped into your county _____ 2

A goodly number of the farms in this county have deposits of shell-marl, some of which are high in lime content. These farmers use this marl with good results.

More would be used were it not for the scarcity of labor

(For additional remarks use reverse side of sheet)

Space for agent's stamp

FARM AND FARMSTEAD
IMPROVEMENTS

D. S. HARRIS

County Agent

WILLIAMSBURG, VIRGINIA

THINGS DONE WITH AGENT'S ASSISTANCE AND ADVICE

1. Number of buildings erected	5
2. Number of farm buildings improved	2
3. Number of new building plans furnished	_____
4. Number of farm buildings painted or whitewashed	_____
5. Number of home water systems installed or improved	2
6. Number of home water systems in county before demonstration work started	0
Number now	12
7. Number of home lighting systems installed in county	0
Number in county before demonstration work started	7
Number now	_____
8. Number of home grounds improved	2
9. Number of farm and home sanitary conditions improved	10
10. Number of homes screened against flies and mosquitoes	3
11. Number of sanitary privies erected	_____
12. Number of telephone systems installed	_____
13. Number of farmers furnished plans and induced to adopt systematic crop rotations	_____
14. Total acreage of such rotations	_____
15. Crops commonly used in these rotations.	
CORN, CLOVER, SOY BEANS, WHEAT, POTATOES, CPM, VETCH, RYE, SOY BEANS, WHEAT.	

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FARM AND FARMSTEAD
IMPROVEMENTS

D. S. HARRIS

County Agent

WILLIAMSBURG, VIRGINIA

- | | | | |
|-----|---|----------|----|
| 16. | Number of new pastures established | | 2 |
| | " " acres | | 40 |
| 17. | Number of old pastures renovated | | |
| | " " acres | | |
| 18. | Number of drainage systems established in county | | |
| 19. | Number of farmers induced to drain all or part of their farms | | |
| 20. | Number of such acres drained:- | by tile | |
| | | by ditch | |
| 21. | Number of farmers induced to remove stumps | | 1 |
| | | acres | 5 |
| 22. | Number of farmers induced to terrace their sloping lands | | |
| | | acres | |
| 23. | Number of home gardens planted or improved | | 2 |
| 24. | No. of farmers induced to save surplus farm products for winter | | 5 |
| 25. | Number of road improving demonstrations assisted in | usa/ | |
| 26. | Number of miles of improved roads resulting therefrom | | 10 |
| 27. | Number of farmers who planted cover crops to be turned under | | |
| 28. | Number of new implements and tools bought: | | |
| | Binders | 1 | |
| | Hay presses | 1 | |
| | Gas engines | 2 | |
| | 2-hrs cultivators | 1 | |
| | Tractors | 2 | |
| | Motor trucks | 2 | |
| | Corn Planters | 2 | |
| | Mowers | 1 | |
| | Grain drills | 2 | |
| | Disk-harrows | 5 | |
| | 1-hrs cultivators | | |
| | Plows | | |
| | Hay loaders | | |
| | Hay rakes | 1 | |
| | Ensilage cutters | | |
| | Cream separators | | |
| | Spraying machines | | |
| | Manure spreaders | | 10 |
| | Small-tools | | |

Scarcity of farm labor has restricted the farmer in his operations to what he can do with the help he has on the farm.

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MISCELLANEOUS EXTENSION WORK

J. E. HARRIS

County Agent

WILLIAMSBURG, VIRGINIA

	(Demonstrators)	<u>58</u>	
	(Cooperators)		
1. Number of visits by agent to	(Other farmers)	<u>277</u>	
	(Business men)	<u>20</u>	
	(Boys' and Girls' Club members)		
	TOTAL		
2. Number of miles traveled	(Railroad)	<u>1364</u>	
	(Team)	<u>357</u>	
	(Automobile)	<u>1085</u>	
	(Otherwise)		
	TOTAL		<u>2806</u>
3. Calls on agent relative to work at office or home	Personal	<u>99</u>	
	Telephone	<u>25</u>	
4. Number of farmers' meetings held under auspices of agent or Extension Division			<u>2</u>
5. How many meetings of all kinds did you address?			<u>5</u>
Total attendance at these meetings (approximate)			<u>200</u>
6. How many field meetings held by you?			
Total attendance at these meetings			
7. What per cent of time spent at office work? <u>25 %</u>	How divided?	(Correspondence)	<u>25 %</u>
		(Conference)	<u>50 %</u>
		(Miscellaneous)	<u>25 %</u>
		TOTAL	<u>100 %</u>
8. What per cent of time spent in field work? <u>75 %</u>	How divided?	(Supervising reg. dom.)	<u>50 %</u>
		(Other farm visits)	<u>50 %</u>
		(At meetings)	
		(Assisted in-short course work)	
		(Organization)	
		TOTAL	<u>100 %</u>
9. Number of official letters written			<u>378</u>
10. Number of articles relating to your work prepared for publication			<u>5</u>

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MISCELLANEOUS EXTENSION WORK (Cont'd.)

D. S. HARRIS

County Agent

WILLIAMSBURG, VIRGINIA

- | | |
|---|-------------------|
| 11. Number of different circular letters prepared by you and sent out | <u>1</u> |
| Total number of copies of such letters | <u>75</u> |
| (Give list and copy of each if possible) | |
| 12. Number of bulletins or circulars of U. S. Department of Agriculture distributed | <u>953</u> |
| 13. Number of bulletins or circulars from State College or State Department of Agriculture distributed | <u>25</u> |
| 14. Number of visits to schools relating to work | <u>5</u> |
| 15. In how many schools did you assist in outlining an agricultural course? | <u> </u> |
| 16. How many Extension schools or short courses did you assist in?
Total attendance at these schools | <u> </u> |
| 17. Total number of days you were engaged in these schools | <u> </u> |
| 18. Number of farmers who attended short courses at colleges as a result of your effort | <u> </u> |
| 19. Number of boys attending Agricultural or other schools or colleges as a result of the club work | <u>2</u> |
| 20. How many times have you been visited by specialists from college or the Department? | <u>3</u> |
| 21. Was there a county fair held in your county? | <u>NO</u> |
| 22. How many demonstrators, cooperators and club members had exhibits?
How many of these won prizes? | <u> </u> |
| 23. How many demonstrations have you in truck or small fruit? | <u>0</u> |
| 24. Were they successful from a financial standpoint? | <u> </u> |

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MISCELLANEOUS EXTENSION WORK (Cont'd.)

D. S. HARRIS
County Agent

WILLIAMSBURG, VIRGINIA

25. How many farmers in your county are keeping cost records at your instance?	Complete _____; Partial _____; Total	10	10
26. How many farmers in your county are practicing fall plowing as a result of county agent's work?			?
27. How many farmers are selecting seed?			25
28. How many farmers are growing any kind of improved seed for sale?			10
29. How many wood lots have been improved at your suggestion?			5
30. How many farmers in your county have been influenced to grow sugar cane or sorghum for syrup?			29

I do not advise fall plowing to let the land lie idle during the winter, but advise the putting of a cover crop or a fall grain crop.

In this section the man who gets only one crop per year from the land, is not farming to the best advantage.

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SPECIAL REPORT BY WHITE AGENTS ON WORK WITH U. S. MARSHAL

County Agent

NEGRO FARMERS

WILLIAMSBURG, VIRGINIA

NOTE: The data reported on this page must be included in your report on all work done. Negro agents need not report on this sheet, but should fill out all other sheets of form 920.

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 _____ 10
- Estimated quantity of all seed selected (bushels) _____ 10
8. Number of negro farmers who fall-plowed their demonstration acres _____
9. Approximately, how many negro farmers in your territory are following demonstration methods on their farms? **about 50%** _____
10. Name the principal crops grown under demonstration methods, by negro demonstrators and cooperators **Corn-Potatoes-Soy beans.** _____
11. Number of pure blood animals bought by negro farmers at your suggestion:

Horses & Mules _____	Dairy Cattle _____
Beef Cattle _____	Hogs _____
Sheep & Goats _____	Poultry _____
12. Number of negro farmers who have produced practically all their home food and feed due to your influence _____ 5

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SPECIAL REPORT BY WHITE AGENTS ON WORK WITH
NEGRO FARMERSD. S. HARRIS
County Agent

WILLIAMSBURG, VIRGINIA

13. Number of negro agricultural clubs or community organizations formed this year for the general improvement of rural conditions _____
Number of members _____
14. Farm and rural improvements made due to agent's influence: _____
New houses built _____
New barns built _____
New schools built _____
New churches built _____
Buildings improved or repaired _____
15. Number Farm Makers Clubs organized this year _____
Number members in these clubs _____
16. Number Home Makers Clubs organized this year _____
Number members in these clubs _____

A great many Negro families have had to give up their homes and move into other localities on account of their property being taken by the War and the Navy Departments.

This has had a disorganizing effect upon the population and but little has been accomplished in the way of improvements.

However, in some of the localities where they were not disturbed by prospects of removal, there has been marked improvement among the Negro population; such as building new dwellings, barns, sheds, fences; and in enlarging their fields &c.

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SUCCESSFUL UNDERTAKINGS

D. S. HARRIS

County Agent

WILLIAMSBURG, 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.

The most successful work I have accomplished for the betterment of agricultural conditions in the county this year, as I view it, is in getting two farm boys who want to be farmers, started as students for the regular course, in the Agricultural College at Blacksburg.

One of these boys would only talk of going to school for six months, but now says he will complete the course.

I succeeded in getting one farmer to purchase a pure bred short horn bull for his herd, and after seeing the difference between the pure bred and the scrub, he purchased pure bred heifers so that he has now started a pure bred herd with twelve cattle.