

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 1918

(Due December 31st)

State North Carolina County Clay

Report of John Deal County Agent

February
From ~~January~~ to December 31, 1918

Approved:

C. H. Hudson

State Agent

Date Forwarded

Director of Extension Work

ANNUAL REPORT FORM AND INSTRUCTIONS TO AGENTS

The agent's annual report should be a complete summary of all the work performed during the year. This is the only record that the officials of the Extension Division of the State and the Department have of the agent's activities.

The only means of making such a report is to keep field notes or a field diary of everything that is done each day. It is well to not only keep notes of things actually done, but to make some brief observations of general conditions as found from time to time. Many things which seem of minor importance to the agent may be very valuable to the head office when asked for detailed information regarding certain localities.

An agent's efficiency and the success of his work is necessarily judged from this Office by what is contained in his report. Your District and State Agent may know that you are rendering efficient service, but it is absolutely essential to have something on record to show that the work has been done, when outside parties who can not possibly inspect your work desire definite and accurate information in regard to the results that are being accomplished in local territory.

Every agent in the work has been instructed, by circular letter and by the supervising force at agents' meetings, as to the importance of keeping systematic records throughout the year. If this advice has been followed you should have no difficulty in rendering your annual report upon the forms which are herewith attached. These are broad enough to include the activities of the agents in the entire territory covered by the Extension Work in the South. Some of the questions will not apply to your local territory, and these, of course, need not be answered.

In some instances you will observe that the same form is used for several crops. Be sure to use separate sheets for each crop named under the heading. For example, take the sheet headed "Small Grains", under which are included oats, wheat, barley and rye. In this case all the demonstrations in oats should be included on one sheet, all the demonstrations in rye on another, and so on for all the crops included under this heading.

Be sure to answer the questions in the order in which they are asked, and see that you give the information called for. If this is done, all the reports will be uniform when they are sent in to the State Agent's office, and in like manner the State Agents' reports will be uniform when sent to the Director's office in the State and then to the Washington Office.

It should be distinctly understood that these forms are only to summarize the statistical part of the report, and under each crop or heading such remarks, observations or points of interest as may be useful should be briefly written out. The back of the respective sheets may be used for remarks on the crops mentioned 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 distinctive questions, would be very valuable in giving the report that personal touch which proves of great value and interest in all reports of this nature.

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

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

CROPS:

Corn
 Cotton
 Tobacco
 Small Grain
 Hay & Forage
 Cover Crops
 Summer Legumes
 Potatoes (Irish & Sweet)
 Truck Crops & Gardens
 Sugar-Cane
 Orchards

LIVE STOCK:

Horses
 Dairy Cattle
 Beef Cattle
 Hogs
 Sheep & Goats
 Poultry
 Live Stock Diseases & Pests

OTHER WORK:

Fertilizers
 Farm Manures
 Silos
 Dipping Vats
 Seed Selection
 Lime
 Rotations
 Pastures
 Organizations
 Farm Buildings
 Drainage
 Farm Machinery & Tools
 Clearing Land, Stumps, etc.
 Timber & Wood Lots
 Miscellaneous Demonstration Work
 Effect of Demonstration Work on
 Community, and Human Interest
 Features.
 Successful Undertakings

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.

Space for Agent's stamp

C O R N

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

JOHN DEAL,
County Agent,
HAYESVILLE, N. CAROLINA.

- | | | |
|--|------------|-------------------------------------|
| 1. Number of demonstrators | | <u>33</u> |
| 2. Number of demonstrators reporting | | <u>12</u> |
| 3. Total acreage of corn grown under improved methods on demonstration farms | | <u>49</u> |
| 4. Average yield per acre on demonstrations | (bushels) | <u>40 ³/₄</u> |
| 5. Estimated average yield for entire county | (bushels) | <u>22</u> |
| 6. Increased yield on demonstrations over ordinary methods | (bushels) | <u>23 ³/₄</u> |
| 7. Number of cooperators <u>26</u> ; Acreage <u>125</u> ; Yield per acre (bu) | | <u>30</u> |
| 8. Number who planted pure or selected seed on their demonstrations | | <u>25</u> |
| 9. Number of farms you have influenced to select seed for next year's crop <u>10</u> ; Estimated amount of seed selected | (bushels) | <u>15</u> |
| 10. Number who fall plowed their demonstration acres | | <u>none</u> |
| 11. Number who turned under cover crops on their demonstration acres | | <u>2</u> |
| 12. Number of acres harvested for silage <u>none</u> ; Yield per acre (tons) | | <u>0</u> |
| 13. Number of acres "hogged down" <u>none</u> ; Value per acre when utilized this way | | <u>\$ 0</u> |
| 14. Number of acres treated for diseases or insect pests | | <u>none</u> |
| 15. How many farmers have you directly influenced to use better methods in growing corn this year? | | <u>45</u> |
| How many indirectly influenced? | | <u>20</u> |
| 16. What per cent of all farmers in your territory are following demonstration methods in corn growing? | (estimate) | <u>10%</u> |
| 17. How many farmers does this represent approximately? | | <u>125</u> |

(Use reverse side for remarks on this crop.)

The Corn crop last year (1917) was very seriously damaged by early frost and as result it was difficult to find seed corn, & high germinating power, with which to plant the present crop.

Last Spring the County Agent a campaign to get farmers to get good seed, if possible and if not possible to obtain good seed (and in most instances it was not) to plant the corn a great deal thicker than usual to offset the low germinating power.

Many farmers, 60 to 70% of them did this and as result there was very little replanting & as crop there was lots of thinning.

Corn crop was said to be finest ever known in this County up to June 30th on which date we had heavy rain and wind storm which broke and packed the soil and tangled much of the corn so badly that it was not possible to culture. There for 17 days had no rain and corn crop suffered seriously. This fall has been pretty good during farm work and frost held off until corn matured. Practically all corn is dry sound and well matured.

According to N.C. Crop Acreages obtained by tax listers of Hay Co. we had a total of 12,424 acres of corn this year which appears to be rather high for this County.

At the low yield of 20 bus. per acre at ^{conventional} estimated that it will run 21 to 22 bus. per acre ^{total} would mean over 248,000 bus. for entire County.

Space for Agent's stamp

C O T T O N

JOHN DEAL,
County Agent,
HAYESVILLE, N. CAROLINA.

1. Number of demonstrators None
2. Number of demonstrators reporting _____
3. Total acreage grown under improved methods on demonstration farms _____
4. Average yield per acre on demonstrations (pounds seed cotton) _____
5. Estimated average yield per acre for entire county (lbs seed cotton) _____
6. Increased yield per acre on demonstrations over ordinary methods _____
7. Number of cooperators _____; Acreage _____; Yield per acre in pounds seed cotton _____
8. Number of demonstrators who planted pure or selected seed _____
9. Number of farmers you have induced to field select seed for next year's crop _____
10. How many fall plowed their demonstration acres? _____
11. How many turned under cover crops on their demonstration acres? _____
12. Number of acres treated for diseases or insect pests _____
13. How many farmers have you directly influenced to use better methods in cotton growing this year? _____
- How many indirectly influenced? _____
14. What per cent of all farmers in your territory are following demonstration methods in cotton growing (estimate) _____
15. How many farmers does this represent approximately? _____
16. Have you been able to get the farmers in any community to grow but one variety of cotton? _____

Give particulars

Cotton not grown commercially.

(Use reverse side for remarks on this crop)

Space for Agent's stamp

T O B A C C O

JOHN DEAL,
County Agent,
HAYESVILLE, N. CAROLINA.

1. Number of demonstrators None
 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 (lbs) _____
 7. How many farmers have you induced to plant pure or selected seed? _____
 8. How many farmers have you induced to field select seed for next year's crop _____
 9. How many fall plowed their demonstration acres? _____
 10. How many turned under cover crops on their demonstration acres? _____
 11. How many tobacco farmers did you influence to adopt a rotation system? _____
 12. State the number of acres treated for insect pests _____
 13. How many farmers have you directly influenced to use better methods in growing tobacco this year? _____
- How many indirectly influenced? _____

*Almost no tobacco grown.
Only about three men in County who
had had much as one to three acres.*

Space for agent's stamp

SMALL GRAINS
 (Oats, Wheat, Rye, Barley, Buckwheat)

JOHN DEAL,
 County Agent,
 HAYESVILLE, N. CAROLINA.

Wheat Demonstration
 Enter here name of crop - separate sheet for each.

1. Number of demonstrators 4
 2. Number of demonstrators reporting 4
 3. Total acreage in this crop grown under improved ^{demonstration farms} methods on ~~demon-~~ 4
 4. Average yield per acre on demonstration farms (bushels) 19 1/4
 5. Estimated average yield per acre for entire county (bushels) 8 1/2
 6. Increased yield per acre on demonstrations over ordinary methods (bu) 12 3/4
 7. Number of cooperators none; Acreage 3; Yield per acre (bu.) 0
 8. Number of demonstration acres threshed for grain 4
 9. Number of demonstration acres cut for hay none
 10. Average yield of cured hay per acre on demonstrations (tons) none
 11. Increase per acre of cured hay on demonstrations over ordinary methods (tons) 0
 12. Number of acres grazed off none; Estimated value per acre \$ 0
 13. Number of acres turned under for soil improvement none
 14. How many acres were treated for insect pests? * none
 15. How many bushels of seed were treated for smut, rust, etc.? none
 16. How many farmers have you induced to plant this crop for the ^{time?} first? none
 17. How many farmers have you directly influenced to use better methods in growing this crop this year? 0
- How many indirectly influenced? 0

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

Space for agent's stamp

SMALL GRAINS

(Oats, Wheat, Rye, Barley, Buckwheat)

JOHN DEAL,
County Agent,
HAYESVILLE, N. CAROLINA.

Oats

Demonstration

Enter here name of crop - separate sheet for each.

1. Number of demonstrators 1
2. Number of demonstrators reporting 1
3. Total acreage in this crop grown under improved methods on demonstration farms 10
4. Average yield per acre on demonstration farms (bushels) 32
5. Estimated average yield per acre for entire county (bushels) 18 *very poor*
6. Increased yield per acre on demonstrations over ordinary methods (bu) 17
7. Number of cooperators 1; Acreage 1; Yield per acre (bu.) 1
8. Number of demonstration acres threshed for grain 3/4
9. Number of demonstration acres cut for hay 9 1/4
10. Average yield of cured hay per acre on demonstrations (tons) 1 1/2
11. Increase per acre of cured hay on demonstrations over ordinary methods (tons) None
12. Number of acres grazed off 0; Estimated value per acre \$ 0
13. Number of acres turned under for soil improvement None
14. How many acres were treated for insect pests? None
15. How many bushels of seed were treated for smut, rust, etc.? "
16. How many farmers have you induced to plant this crop for the first time? "
17. How many farmers have you directly influenced to use better methods in growing this crop this year? 1
- How many indirectly influenced? 1

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

Almost no oats grown in County,
There being only 766 acres in entire
County according to the 100% total
estimate by the tax listers.

And that appears ~~to~~ high according
to record obtained from thresher.

The oats in this demonstration
were damaged by wind and rain
just prior to harvesting.

I took up the work as County Agent
Feb. 4th 1918. And the report on work
in small grains is necessarily limited.

The Russian fly, did quite a little damage
to 1918 wheat crop, tho' it is very difficult
to get anywhere near the percentage of damage.
From the fact that there were other
influences which cut the yields down
considerably.

Space for agent's stamp

SMALL GRAINS

(Oats, Wheat, Rye, Barley, Buckwheat)

JOHN DEAL
County Agent
HAYESVILLE, N. CAROLINA

Demonstration

Enter here name of crop - separate sheet for each.

1. Number of demonstrators _____
 2. Number of demonstrators reporting _____
 3. Total acreage in this crop grown under improved methods on demon-
stration farms _____
 4. Average yield per acre on demonstration farms (bushels) _____
 5. Estimated average yield per acre for entire county (bushels) _____
 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 _____
 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? * _____
 15. How many bushels of seed were treated for smut, rust, etc.? _____
 16. How many farmers have you induced to plant this crop for the ^{time?} first? _____
 17. How many farmers have you directly influenced to use better
methods in growing this crop this year? _____
- 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.

Space for agent's stamp

HAY, FORAGE OR COVER CROPS

JOHN DEAL,
County Agent,
HAYESVILLE, N. CAROLINA.

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 | | <u>2</u> |
| 2. Number of demonstrators reporting | | <u>2</u> |
| 3. Total acreage in this crop grown under improved methods ^{demonstrations} on | | <u>1</u> |
| 4. Average yield per acre on demonstrations (tons of cured hay) | | <u>1 1/2</u> |
| 5. Estimated average yield per acre for entire county (tons cured hay) | | <u>0</u> |
| 6. Number of acres cut for hay | | <u>1 1/2</u> |
| 7. Increased yield per acre of demonstrations over ordinary methods ^(tons cured hay) | | <u>0</u> |
| 8. Number of acres grazed off | | <u>none</u> |
| 9. Estimated value per acre of grazing ^(tons cured hay) | | <u>\$ 0</u> |
| 10. Number of cooperators <u>1</u> ; Acreage <u>1 1/2</u> ; Yield per acre <u>4</u> | | |
| 11. How many acres of legumes in this class of crops were inoculated? | <u>Department?</u> | <u>1</u> |
| 12. How many farmers ordered inoculating material through you from this ^{Experiment?} | | <u>2</u> |
| 13. How many demonstration acres were turned under for soil improvement ^{advised.} | | <u>none</u> |
| 14. Estimate total number of acres in county turned under by agent's | | <u>none</u> |
| 15. How many acres were sown this fall? | | <u>none</u> |
| 16. How many farmers have you directly influenced to use better methods in growing this crop this year? | | <u>2</u> |
| How many indirectly influenced? | | <u>none</u> |

(Use reverse side for remarks on this crop)

There appears to be only three tests
of Alfalfa in quantity, two of which $\frac{1}{2}$ acre
plots were started this last spring.

The other test was started sometime
1917. The test started in 1917 was
4 2 inches tall test ground (1918) when
ready for first cutting.

The two tests started this last spring
grew rather slowly, very probably due
to insufficient seeding. The two tests
were thoroughly inoculated with
pure cultures from U.S. Dept of Agt.

Space for agent's stamp

HAY, FORAGE OR COVER CROPS

JOHN DEAL
County Agent,
HAYESVILLE, N. CAROLINA.

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

Alsike Clover Demonstration
Enter here the name of crop - separate sheet for each.

1. Number of demonstrators 1
 2. Number of demonstrators reporting 1
 3. Total acreage in this crop grown under improved methods 4 demonstrations
 4. Average yield per acre on demonstrations (tons of cured hay) just started
 5. Estimated average yield per acre for entire county (tons cured hay) not grown
 6. Number of acres cut for hay 0
 7. Increased yield per acre of demonstrations over ordinary methods 0 (tons cured hay)
 8. Number of acres grazed off 0
 9. Estimated value per acre of grazing \$ 0
 10. Number of cooperators 0; Acreage 0; Yield per acre 0 (tons cured hay)
 11. How many acres of legumes in this class of crops were inoculated? 4
 12. How many farmers ordered inoculating material through you from this 1 Department?
 13. How many demonstration acres were turned under for soil improvement none purposes?
 14. Estimate total number of acres in county turned under by agent's 0 advice.
 15. How many acres were sown this fall? 4
 16. How many farmers have you directly influenced to use better methods in growing this crop this year? 1
- How many indirectly influenced? none

(Use reverse side for remarks on this crop)

Four acres of Chick were needed
in July when corn was laid by the
seed being inoculated by material furnished
by U.S. Dept. of Ag.

The stand was very good but there
was insufficient humus in the soil,
which had been in cultivation for
number of years, for clover to grow
off to the best advantage.

Space for agent's stamp

HAY, FORAGE OR COVER CROPS

JOHN W. ...
County Agent
HAYESVILLE, N. CAROLINA

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

Mixed grasses & Alsike Clover Demonstration
Enter here the name of crop - separate sheet for each.

1. Number of demonstrators 1
2. Number of demonstrators reporting 1
3. Total acreage in this crop grown under improved methods 21 demonstrations on/
4. Average yield per acre on demonstrations (tons of cured hay) none
5. Estimated average yield per acre for entire county (tons cured hay) 0
6. Number of acres cut for hay 0
7. Increased yield per acre of demonstrations over ordinary methods/ 0 (tons cured hay)
8. Number of acres grazed off 7000 the he grazed 1919
9. Estimated value per acre of grazing \$ 0
10. Number of co-operators 0; Acreage 0; Yield per acre/ 0 (tons cured hay)
11. How many acres of legumes in this class of crops were inoculated? none
12. How many farmers ordered inoculating material through you from this 0 Department?
13. How many demonstration acres were turned under for soil improvement/ 0 farmers? advice.
14. Estimate total number of acres in county turned under by agent's/ 0
15. How many acres were sown this fall? 21
16. How many farmers have you directly influenced to use better methods in growing this crop this year? 1
- How many indirectly influenced? none

(Use reverse side for remarks on this crop)

This demonstration was started in
July 1918 on second class high ridge land.
The land being rubine cone in years 1917 and
1918. Very similar land was seeded
to red top and red clover in July 1917
but the red clover failed to give a
satisfactory stand.

The clover gave good stand and
prospect are good. For much greater
field of grazing than red clover mixture
gave which is having ^{thirty} ~~50~~ ^{hundred} ~~one~~ ^{or} ~~less~~ seeding.
Will be grazed next summer.

Space for agent's stamp

HAY, FORAGE OR COVER CROPS

JOHN DEAL,
County Agent
HAYESVILLE, N. CAROLINA

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

Demonstration

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

1. Number of demonstrators _____
 2. Number of demonstrators reporting _____
 3. Total acreage in this crop grown under improved methods _____ ^{demonstrations}
 4. Average yield per acre on demonstrations (tons of cured hay) _____
 5. Estimated average yield per acre for entire county (tons cured hay) _____
 6. Number of acres cut for hay _____
 7. Increased yield per acre of demonstrations over ordinary methods _____ ^(tons cured hay)
 8. Number of acres grazed off _____
 9. Estimated value per acre of grazing _____ \$ ^(tons cured hay)
 10. Number of cooperators _____; Acreage _____; Yield per acre _____
 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? _____ ^{advice.}
 14. Estimate total number of acres in county turned under by agent's _____ ^{advice.}
 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)

Space for agent's story

SUMMER LEGUMES

(Cowpeas, Soy Beans, Velvet Beans, Peasants, &c)

JOHN DEAL,
County Agent,
HAYESVILLE, N. CAROLINA.Cowpeas

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 demonstration farms | | <u>6</u> |
| 4. Average yield per acre on demonstrations - bushels of seed
tons cured hay | | <u>2 tons</u> |
| 5. Estimated average yield per acre for entire county - bu. of seed
tons c. hay | | <u>1 ton</u> |
| 6. Increased yield per acre on demonstrations over ordinary methods
bushels of seed
tons cured hay | | <u>1</u> |
| 7. Number of cooperators <u>8</u> Field per acre bu. of seed
acreage <u>75</u> Tons cured hay | | <u>1 1/2</u> |
| Total acreage of demonstrators and cooperators thrashed for seed | | <u>3</u> |
| Total acreage of demonstrators and cooperators cut for hay | | <u>6</u> |
| 8. Number of acres grazed off <u>0</u> Estimated value per acre of
grazing \$ | | <u>0</u> |
| 11. Total number of acres turned under for soil improvement | | <u>0</u> |
| 12. Total number of acres inoculated <u>new</u> by Department cultures
by inoculated soil | | <u>0</u> |
| 13. Give estimate of the number of acres in your territory which were
planted this year to this crop due to your influence. | | <u>40</u> |
| 14. How many farmers have you directly influenced to use better
methods in growing this crop this year? | | <u>10</u> |
| How many indirectly influenced? | | <u>0</u> |

(Use reverse side for remarks on this crop)

Cowpeas all not grown very much
as compared with soy beans, there
being according to survey made by
tax collector 75% more beans than
cowpeas in county this year. (1918)

Space for agent's stamp

SUMMER LEGUMES

(Cowpeas, Soy Beans, Velvet Beans, Peanuts, &c)

JOHN DEAN

County Agent

MAYESVILLE, N. CAROLINA

Soy Beans
(Name of crop - separate sheet for each

Demonstration

- | | | | |
|---|------------------------|--|---------------------------|
| 1. Number of demonstrators | | | <u>6</u> |
| 2. Number of demonstrators reporting | | | <u>5</u> |
| 3. Total acreage of this crop grown under improved methods on demonstration farms | | | <u>241/4</u> |
| 4. Average yield per acre on demonstrations - bushels of seed tons cured hay | | | <u>33/3</u> |
| 5. Estimated average yield per acre for entire county - bu. of seed tons c. hay | | | <u>12</u>
<u>1 3/4</u> |
| 6. Increased yield per acre on demonstrations over ordinary methods - bushels of seed tons cured hay | | | <u>20</u>
<u>4</u> |
| 7. Number of co-operators acreage | <u>11</u>
<u>25</u> | Yield per acre bu. of seed
Tons cured hay | <u>16</u>
<u>2</u> |
| 8. Total acreage of demonstrators and co-operators thrashed for seed | | | _____ |
| 9. Total acreage of demonstrators and co-operators cut for hay | | | _____ |
| 10. Number of acres grazed off <u>200</u> . Estimated value per acre of grazing \$ | | | _____ |
| 11. Total number of acres turned under for soil improvement | | | _____ |
| 12. Total number of acres inoculated <u>None</u> 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. | | | <u>100</u> |
| 14. How many farmers have you directly influenced to use better methods in growing this crop this year? | | | <u>25</u> |
| How many indirectly influenced? | | | <u>45</u> |

(Use reverse side for remarks on this crop)

This County grows 71% more Soybeans than cowpeas. There was about 1000 acres planted to soy this year.

The soy bean crop was very good this year tho the leaf hoppers did quite a little damage to the crop during the early stage of growth.

A lot of beans are planted in the corn to be harvested for seed the some are harvested for hay.

Very probably 99% of the beans are of the massinoth yellow variety which is rather a late variety for this elevation.

A few tests of the Virginia and the Haberlandt have proved them to be better adapted to our climate and we expect to plant a greater acreage next year.

Space for agent's stamp

SUMMER LEGUMES

(Cowpeas, Soy Beans, Velvet Beans, Peanuts, &c)

JOHN DEAL,
County Agent,
HAYESVILLE, N. CAROLINA.

(Name of crop - separate sheet for each)	Demonstration
1. Number of demonstrators	_____
2. Number of demonstrators reporting	_____
3. Total acreage of this crop grown under improved methods on demonstration farms	_____
4. Average yield per acre on demonstrations - bushels of seed tons cured hay	_____ _____
5. Estimated average yield per acre for entire county - bu. of seed tons c. hay	_____ _____
6. Increased yield per acre on demonstrations over ordinary methods bushels of seed tons cured hay	_____ _____ _____
Number of cooperators _____ acres _____	Yield per acre bu. of seed _____ Tons cured hay _____
Total acreage of demonstrators and cooperators threshed for seed	_____
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.	_____
4. 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)

Space for agent's stamp

P O T A T O E S

(Sweet or Irish)

JOHN DEAL,
County Agent,
HAYESVILLE, N. CAROLINA.

Irish

- | | | |
|--|-----------|--------------------|
| 1. Number of demonstrators | | <u>1</u> |
| 2. Number of demonstrators reporting | | <u>1</u> |
| 3. Total acreage of potato demonstrations | | <u>40</u> |
| 4. Average yield per acre on demonstrations | (bushels) | <u>15.5</u> |
| 5. Estimated average yield per acre for entire county | (bushels) | <u>9.0</u> |
| 6. Estimate number of acres treated for diseases and insect pests due to your influence | | <u>4</u> |
| 7. How many farmers have you directly influenced to use better methods in growing this crop this year? | | <u>4</u> |
| How many indirectly influenced? | | <u>-</u> |
| 8. Estimated increased acreage this year due to county agent's work | | <u>No increase</u> |
| 9. How have you been able to assist in marketing the crops? | | <u>No</u> |

This demonstrator was potato club member.

Not many potatoes were planted this past spring due to the fact that there was a very poor market last spring. The potato yield in this county was very low this year partly due to the potato beetle but mostly to adverse weather conditions.

Space for agent's stamp

O R C H A R D S

JOHN DEAL,
County Agent,
WAYNESVILLE, N. CAROLINA

- | | |
|--|-------------|
| 1. Number of demonstration home orchards; | Apple _____ |
| | Peach _____ |
| | Other _____ |
| 2. Total number of trees in these demonstrations | _____ |

	No. Orchards	No. Trees
3. Orchards inspected	<u>8</u>	<u>660</u>
4. Orchards pruned due to your influence	<u>20</u>	<u>1575</u>
5. Orchards sprayed due to your influence	<u>2</u>	<u>125</u>
6. Peach orders wormed due to your influence	_____	_____
7. Orchards planted due to your influence	_____	_____
TOTAL	<u>30</u>	<u>2360</u>
8. How many commercial orchards have you assisted in caring for?		<u>6</u>
9. How many trees did you actually	spray? _____	<u>40</u>
	prune? _____	<u>289</u>
	worm? _____	<u>10</u>
10. Report of special campaigns, results, etc.		

A campaign was started last February immediately after my arrival here, to spray and prune the orchards of the county.

We did quite a bit of pruning but very little spraying. The spray materials were ordered but failed to be shipped in time to me of service this year so the order was cancelled. We now have on hand some lime-sulphur.

(Use reverse side for additional remarks)

and have more ordered to be delivered
in January so that we may not be
handicapped when the spraying season
opens.

There are some orchards ^{that are} ~~infected~~ infected
with San Jose scale the only three
that I have seen that are very serious.

The apple crop was almost a failure.

H O R S E S

Space for agent's stamp

JOHN DEAL,
County Agent,
Co. 3 HAYESVILLE, N. CAROLINA
HAYESVILLE, N. CAROLINA.

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

Stallions	<u>None</u>
Jacks	<u>None</u>
 2. How many brood mares brought in due to your influence? None
 3. How many demonstrations in feeding horses or mules? None
 4. How many horses or mules in these demonstrations? None
- (Report results under "Remarks")
5. How many horses or mules fed and cared for according to methods you have advocated? None
 6. How many pure blood stallions in county when demonstration work started? None
How many now? None
 7. How many pure blood jacks in county when demonstration work started? None
How many now? None

REMARKS:

No special effort has been made along the line of pure blooded stallions or jacks. The attempt was made last spring to get a pure blooded jack from Tennessee but the party came back without making the purchase.

(Use reverse side for additional remarks)

Space for agent's stamp

DAIRY CATTLE

JOHN DEAL
County Agent
HAYESVILLE, N. CAROLINA.

1. How many head of pure bred dairy stock have been brought into the county this year through your influence?

Bulls	
Cows or heifers	None
2. How many grade dairy cows have been brought into the county for breeding purposes this year through your influence? None
3. How many cows have been tested at your instance to determine the profitable milk producers? None
4. Do you carry or own a Babcock tester? None
5. How many farmers have been induced to feed a better balanced ration to their stock?
How many head of stock so fed? None
6. (Report results under "Remarks")
6. How many demonstrations in dairy work have you supervised? None
7. How many cows in these demonstrations?
(Report results under "Remarks")
8. How many new creameries established this year due to your influence? None
9. How many pure bred dairy bulls in the county when county agent work was started?
How many now? 1
1
10. How many pure bred dairy cows in the county when county agent work was started?
How many now? 2
2
11. How many new cream routes established this year due to the influence of the county agent's work? None
12. How many cow testing associations established this year due to your influence? None
13. How many dairy breeders' associations established this year due to your influence? None

(Use reverse side for remarks)

Very little Dairy work has been done
that there are some pretty good grade
Jersey in the County.

The cheese factory side of Dairying
has been agitated and we will
in all probability build one within the
next few months.

Space for agent's stamp

BEEF CATTLE

GENERAL
COUNTY AGENT
HAYESVILLE, N. CAROLINA

1. How many head of pure-blood beef-cattle have been brought into your county this year through your influence?

Bulls	<u>3</u>
Cows or Heifers	<u>2</u>
2. How many head of grade cows have been brought into your county this year for breeding purposes, through your influence? None
3. How many "red" breeding herds were started this year due to your influence? 3
4. How many head of feeding cattle have been brought into your county this year through your influence? None
5. How many beef feeding demonstrations did you supervise? None
6. How many cattle in these demonstrations? None
7. On how many of these demonstrations were records kept? None

(Give methods, dates and results in dollars, gains made, cost of gains, total profit, etc., under "Remarks")
8. Estimate the number of beef cattle cared for according to methods which you advocated;

where methods were wholly followed	<u>None</u>
where methods were partially followed	<u>None</u>

(Give results of these methods and special campaigns along beef cattle lines under "Remarks")
9. Number of beef cattle breeders' associations or clubs formed

Number of members	<u>None</u>
-------------------	-------------
10. Number of pure-blood beef bulls in county when demonstration work started

Number now	<u>None</u> <u>1</u>
------------	-------------------------
11. Number of pure-blood beef cows in county when demonstration work started.

Number now	<u>None</u> <u>0</u>
------------	-------------------------
12. How many carloads of beef cattle have been shipped cooperatively from your county this year? None
13. How many carloads in all have been shipped from your county this year? None

(Use reverse side for remarks)

There were five (5) pure blooded beef bulls
in the county at the beginning of the year
one of which has been shipped to Tennessee
but the other four we still have. And in
addition we have brought in three pure
blooded beef bulls and also our own
blooded bull in cooperation with some
parties in Jones county Ga.

One Hereford cow and calf were
brought into the county this fall.

Space for agent's story

DIPPING VATS

JOHN DEAL,
County Agent,
HAYESVILLE, N. CAROLINA.

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

There are no dipping vats in the county, but the building of two vats is being negotiated.

Beginning with May 4 and ending
May 11 the printing agent found W. R.
Shaw carried on a campaign for more
and better hogs and more and better
pasture, and the planting of grazing
crops for the hogs.

Five very interesting meetings were
held during the week

Space for agent's stamp

H O G S

JOHN DEAR
County Agent
HAYESVILLE, N. CAROLINA.

1. How many head of pure blood hogs have been brought into your county this year due to your influence? Boars 1
Sows or gilts 5
2. How many extra head of pure-blood and grade sows have been bred, due to your influence? None
3. How many herds have been started? 3
4. How many hog feeding demonstrations did you supervise? _____
5. How many hogs in these demonstrations? _____
6. 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, &c, 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.)
7. How many farmers have you induced to start hog pastures? _____
8. How many farmers have you induced to start the growing of grazing crops for hogs? 5
9. Estimate number of hogs fed or cared for according to methods which you advocated. 25
10. Give number of pure-blood boars when demonstration work started. Number now _____
11. Give number of hogs in county when demonstration work started. (1917) 4550
Number now 4570
12. How many carloads of hogs have been shipped cooperatively from your county this year? _____
13. How many carloads in all have been shipped from your county this ^{year} 8

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

Beginning with May 7 and ending
May 11 the County Agent and W. W.
Shroy carried on a campaign for
more and better hogs and more
and better pasture, and the planting
of grazing crops for the hogs.

Five very interesting meetings were
held during the week in which the
farmers took a little interest. Some
went home to start to grow better hogs
and others to grow the ones they
had more cheaply by various grazing
crops especially small grain (oats, hay)
rape, red clover, and soy beans.

Six pure blooded hogs have been
brought into the County and County
Agent has called for ten (10) more to
be placed immediately.

Space for agent's stamp

SHEEP AND GOATS

JOHN DEAL,
County Agent,
HAYESVILLE, N. CAROLINA.

sheep 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 grade ewes have been brought into the county this year for breeding purposes due to your influence? _____
3. How many flocks have been started? _____
4. How many sheep-feeding demonstrations did you supervise? _____
5. How many sheep in these demonstrations? _____
6. On how many of these demonstrations were records kept? _____

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

*Held one sheep shearing demonstration
Evans did the shearing!*
(For additional remarks, etc., use reverse side of sheet)

Have distributed literature on
sheep growing, dog control etc. The
people expect the representative to
watch the interest of sheep growers.

Only one pure blooded ram has
been brought into the county this
year and no ewes.

Space for agent's stamp

POULTRY

JOHN DEAL,
County Agent,
RAYESVILLE, N. CAROLINA.

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	1 _____	TOTAL	_____
3. On how many farms has poultry management been improved as a result of your work? _____ 6
 How many birds on these farms? _____ 137
4. Do you give advice on poultry diseases? _____ no
 (Report results under "Remarks")
5. How many farmers have you induced to produce non-fertile eggs? _____
6. How many non-fertile eggs produced _____ (dozen) _____
 Average price per dozen _____ 1.00
7. How many communities are raising the same kind of poultry? _____ none
8. On how many cream routes are poultry products collected? _____

No special effort made along poultry lines. Assisted with poultry work for six farms.

Space for agent's stamp.

LIVE STOCK DISEASES AND PESTS

GENERAL
County Agent
WAYNESVILLE, N. CAROLINA

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	<u>189</u>	tuberculosis	_____
anthrax or charbon	_____	ticks	_____
digestive and other troubles	_____	lice	_____
Hogs treated for;			
cholera (single treatment)	<u>346</u>	worms	_____
cholera (simultaneous ")	_____	lice	_____
digestive and other troubles	_____	wange	_____
Sheep treated for;			
stomach worms	_____	grubs	_____
digestive and other troubles	_____	scab	_____
		ticks	_____
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?

Cattle:-	blackleg	<u>189</u>	tuberculosis	_____
	anthrax or charbon	_____	hog cholera	<u>461</u>
Hogs:-			anthrax or charbon	_____
Horses:-				_____

3. Have you instruments for such treatments? yes

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

Last spring - a campaign was started to prevent black leg among the calves and as a result the County agent vaccinated 189 head, for the farmers, none of which developed cases of black-leg.

Fifteen farmers had the County agent to vaccinate their calves for them.

This fall when the hog shipping season opened it developed that we would have to give our hogs the serum alone treatment before we could get them on the Sea or Term. market - and as a result the County agent personally treated (vaccinated) 461 head of hogs, and 85 more were treated under his direction.

Space for agent's stamp

FERTILIZER

JOHN DEAR
County Agent,
HAYESVILLE, N. CAROLINA.

1. How many farmers have you advised regarding the proper use of fertilizers? 46
2. How many fertilizer demonstrations are the farmers conducting with you? 24
3. How much fertilizer used on such demonstrations? (tons) 20
4. How many communities have you influenced to buy fertilizers cooperatively? 1
- | | | |
|---|--------|------------------|
| Quantity bought cooperatively | (tons) | <u>30</u> |
| Value of fertilizer bought cooperatively | | <u>\$ 150.00</u> |
| Total amount saved by cooperative purchases | | <u>\$ 600.00</u> |
5. Number of farmers home-mixing fertilizer on your advice. none
6. Estimated saving per ton to farmers. \$ "
7. Number of farmers who top-dressed crops with fertilizer at your suggestion. 15

Ordered one car (30) of 16% acid
this fall

Expect to order two or more cars next
year.

Very little mixed goods used in this
county most of the farmers using 16%
acid phosphate.

Space for agent's stamp

MANURE

JOHN DRAL,
County Agent,
HAYESVILLE, N. CAROLINA

1. How many farmers have you induced to take better care of farm manure? _____
2. How many have provided manure sheds at your suggestion? _____
3. How many are composting farm manure and waste products? _____
4. How many manure spreaders are in the county? 2
5. How many have you helped to place this year? none
6. How many farmers are using phosphate or other material for reinforcing farm manure? none
7. Estimated quantity of farm manure now being saved in your territory? (tons) 5000

According to the Fay Sisters survey of the county, which was made over all of North Carolina last spring, there are 583 farms in the county and therefore I feel sure that 5000 tons of manure is a very conservative estimate, indeed.

Space for agent's stamp

SILOS

JOHN DEAN,
County Agent,
HAYESVILLE, N. CAROLINA

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

Tile	_____
Cement	_____
Stave	_____
Stone	_____
Other	_____
TOTAL	_____

There are no silos in the county at present but plans are made to build from four to eight this next year.

It appears that we are sure of four to build during summer of 1919. And if cheese factory is started up, and we believe it will be, other silos will be built.

Space for agent's stamp

L I M E

JOHN DEAL,
County Agent,
WAYNESVILLE, N. CAROLINA

1. How many farmers used lime this year due to your influence? _____
2. Quantity used due to your influence:

Burned lime	(tons)	_____
Limestone or its equivalent "		_____
3. Number of acres treated 1st year of demonstration work, 19____ _____
4. Number of acres treated 2nd year of demonstration work, 19____ _____
5. Number of acres treated 3rd year of demonstration work, 19____ _____
6. Number of acres treated 4th year of demonstration work, 19____ _____
7. Number of acres treated 5th year of demonstration work, 19____ _____
- TOTAL _____
8. Number of local sources of lime developed. _____
9. Number of lime crushers installed as a result of your work. _____
10. Number of lime kilns built as a result of your work. _____

Almost no lime used in the county.
Plans are on foot to develop limestone quarry. Expect to install crusher.

Space for agent's stamp

COUNTY ORGANIZATIONS

JOHN DEAR,
County Agent,
HAYESVILLE, N. CAROLINA.

1. Is there a central county organization supporting your work? Yes
 If so, what is it called? _____
 Who constitute its membership? _____
 How is membership selected or appointed? _____
 What is the membership fee, if any? ----- \$ _____
 Who are its present officers? _____
 How long has this county organization been in existence? _____

2. How many community farmers' clubs have you assisted in organizing this year? None
 Total membership _____

3. How many community farmers' clubs have you in your county? None
 Total membership _____

4. How many community farmers' clubs have ceased to exist during the year? _____
 (Give reason, using extra pages when necessary)

5. How many of these clubs are organized so as to include the farmers' wife, children, and others, in their membership? _____

6. State several direct ways in which these clubs are helpful to the farmer and his family. (Use extra pages if necessary)

Space for agent's stamp

COUNTY ORGANIZATIONS

JOHN DRAKE
County Agent
HAYESVILLE, N. CAROLINA

7. Are these community farmers' clubs dependent on the county agent for their existence and the continuation of their efforts? _____
8. Does each club have a community plan or program of work? _____
(Attach a copy of such plans for the past year)
9. Does the county organization have a definite plan of work with reference to the county? _____
10. To what extent are these clubs cooperating with the county and community councils of defense? (Use extra page if necessary in answering)

11. What is the method of procedure in bringing to the attention of these clubs and the members, the recommendations of the defense councils?
(Use extra pages when necessary)

12. Are such recommendations quite consistently followed? _____
13. Have you so thoroughly organized your county that you have someone in every community or school district assisting you in food production work and through whom you can reach EVERY farm family in your county with the food production campaign? _____

No a number of communities are so organized that we can reach most or all families when it is desired to hold a meeting.
There has been no special effort made to organize the communities but when a meeting is desired if we give word to two or more people the meeting will be called through the school or by telephone, work telephone system.

Space for agent's stamp

COOPERATIVE BUYING
AND SELLING ORGANIZATIONS

JOHN DEAN,
County Agent,
HAYESVILLE, N. CAROLINA

1. How many of your farmers' organizations buy and sell cooperatively? *none*
There are no organizations, strictly speaking in the
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:

Article	Quantity	Value	Saving
_____	_____	\$ _____	\$ _____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

3. Have you attempted to keep a bulletin board in your office, listing things for sale and things wanted? *No, will establish one in a few weeks*
4. Have you used the market news service of the U. S. Department of Agriculture or your State market news service? *To a limited extent*
porting farmers as to prices of farm products
will organize communities for the purpose
of buying fertilizers etc.

Space for agent's story

FARM AND FARMSTEAD
IMPROVEMENTS

JOHN DEAL,
County Agent,
HAYESVILLE, N. CAROLINA

THINGS DONE WITH AGENT'S ASSISTANCE AND ADVICE

- | | |
|--|-------------------------|
| 1. Number of buildings erected | <u>3</u> |
| 2. Number of farm buildings improved | <u>none</u> |
| 3. Number of new building plans furnished | <u>2</u> |
| 4. Number of farm buildings painted or whitewashed | <u>none</u> |
| 5. Number of hose water systems installed or improved | <u>none</u> |
| 6. Number of hose water systems in county before demonstration
work started
Number now | <u>none</u> |
| 7. Number of hose lighting systems installed in county
Number in county before demonstration work started
Number now | <u>1</u>
<u>none</u> |
| 8. Number of home grounds improved | _____ |
| 9. Number of farm and home sanitary conditions improved | _____ |
| 10. Number of homes screened against flies and mosquitoes | _____ |
| 11. Number of sanitary privies erected | _____ |
| 12. Number of telephens 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: | _____ |
| | _____ |
| | _____ |
| | _____ |
| | _____ |

Space for agent's stamp

FARM AND FARMSTEAD
IMPROVEMENTS

JOHN DEAL,
County Agent,
HAYESVILLE, N. CAROLINA.

16. Number of new pastures established _____
 " " acres 11
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 _____
 acreage _____
22. Number of farmers induced to terrace their sloping lands _____
 acreage 3
45
23. Number of home gardens planted or improved _____
24. No. of farmers induced to save surplus farm products for winter use _____
25. Number of road improving demonstrations assisted in _____
26. Number of miles of improved roads resulting therefrom _____
27. Number of farmers who planted cover crops to be turned under _____
28. Number of acres in each kind of cover crops:
 (a) crop _____ acreage _____
 (b) crop _____ acreage _____
 (c) crop _____ acreage _____
 (d) crop _____ acreage _____
29. Number of new implements and tools bought:
- | | | |
|-------------------------|-------------------------|-------------------------|
| Binders _____ | Mowers _____ | Hay rakes _____ |
| Hay presses _____ | Crain drills _____ | Ensilage cutters _____ |
| Gas engines _____ | Disk harrows _____ | Cream separators _____ |
| 2-hrs cultivators _____ | 1-hrs cultivators _____ | Spraying machines _____ |
| Tractors _____ | Flows _____ | Manure spreaders _____ |
| Motor trucks _____ | Hay loaders _____ | Small tools _____ |
| Corn Planters _____ | | |

Space for agent's stamp

ORGANIZATION

JOHN DEAR
County Agent
HAYESVILLE, N. CAROLINA

- | | | | |
|---|--|---|------------|
| 1. Number of visits by agent to | { Demonstrators
Cooperators
Other farmers
Business men
Boys' and Girls' Club members | 126 | |
| | | 215 | |
| | | 125 | |
| | | 37 | |
| | | 47 | |
| | TOTAL | 567 | |
| 2. Number of miles traveled | { Railroad
Team
Otherwise | 3125 | |
| | | 1843 | |
| | | 126 | |
| | TOTAL | 5294 | |
| 3. Calls on agent relative to work at office or home - - | Personal | 287 | |
| | Telephone | 120 | |
| 4. Number of farmers' meetings held under auspices of agent or Extension Division | | 24 | |
| 5. How many meetings of all kinds did you address? | | 10 | |
| Total attendance at these meetings (approximate) | | 2106 | |
| 6. How many field meetings held by you? | | 2 | |
| Total attendance at these meetings | | 20 | |
| 7. What per cent of time spent at office work? <u>93%</u> | How Divided? | { Correspondence <u>48%</u>
Conference <u>25%</u>
Miscellaneous <u>38%</u> | TOTAL 100% |
| 8. What per cent of time spent in field work? <u>7%</u> | How Divided? | { Supervising reg. <u>30%</u>
Other farm visits <u>7%</u>
At meetings <u>21%</u>
Assisted in short course work <u>0%</u>
Organization <u>4%</u> | TOTAL 100% |
| 9. Number of official letters written | | 431 | |
| 10. Number of articles relating to your work prepared for publication | | 0 | |
| 11. Number of circular letters prepared by you and sent out
(Give list and copy of each if possible) | | 6 | |

COOPERATIVE EXTENSION WORK
AGRICULTURE AND HOME ECONOMICS

STATE OF NORTH CAROLINA

STATE'S CAROLINA STATE COLLEGE OF
AGRICULTURE AND MECHANICAL
ARTS
NORTH CAROLINA STATE DEPARTMENT
OF AGRICULTURE AND CIVIC WORKS
DEPARTMENT OF AGRICULTURE
OPERATIONS.

Farmers' Cooperative
Demonstration Work

Hayesville, N. C., June —, 1918.

Mr. _____,

Hayesville, N. C.

Dear Mr. _____:

The State of North Carolina, recognizing the fact that one of the best ways of bringing about improvement in a community, is thru community work, has proposed to give \$25.00 in prizes to each community that will hold a community fair this fall.

The best advertisement for a community is to show what it can produce. When it shows the goods the world will sit up and take notice.


What made Kentucky famous? Bluegrass, livestock and advertising. We can make Clay County famous if we will all work together towards that end, and the way to begin is to hold a community fair. We are going to hold that fair this fall but we can not have it without your help. We are going to depend on you to aid us in making "Our Community Fair" a success. Push, Pull and Pluck will do it when once we have begun.

Begin now to make plans to bring something to exhibit this fall. We will get out a premium list at an early date, but in the meantime save a bundle of your best wheat, oats and rye to exhibit. Look after your corn, potatoes, sweet and Irish, pumpkins and every farm crop you may raise with a view to exhibiting at the fair. Keep an eye on your best calf, colt or pig and show him. We will also expect the ladies and girls to exhibit preserves, pickles, canned goods, war breads, poultry, flowers, etc., and we are sure that they will not disappoint the community.

The reasons for holding this fair are manifold; it will stimulate every person in the community to put forth greater efforts to make his farm compare favorably with that of his neighbors; it will encourage the growing of better crops and better livestock; it will encourage the women and make them realize that they have a definite part in the workings of any well organized farm, and last it will encourage the children; interest them in the things that pertain to the farm and the upbuilding of the community; it will also tend to hold the children on the farm where the higher ideals of life may be more fully realized than elsewhere.

If you are interested in having a community fair in Hayesville Township this fall, make plans to attend a meeting at the Court House which will be called in the near future. At this meeting we will discuss the "Fair" proposition and explain more fully what we hope to accomplish in the future. Prof. E. L. Adams, Principal of High School and Prof. J. E. Gray, Teacher, join me in this letter.

Very cordially yours,


County Farm Demonstration Agent.

COOPERATIVE EXTENSION WORK
IN
AGRICULTURE AND HOME ECONOMICS

STATE OF NORTH CAROLINA

NORTH CAROLINA STATE COLLEGE OF
AGRICULTURE AND ENGINEERING
NORTH CAROLINA STATE DEPARTMENT
OF AGRICULTURE AND UNITED STATES
DEPARTMENT OF AGRICULTURE
COOPERATING

FARMERS' COOPERATIVE
DEMONSTRATION WORK

Waynesville, N.C.
June 25, 1918.

Dear Pig Club Members:-

I expect to be around to see you within the next week or two and I would like very much for you to have your record book filled out as complete as possible up to that time. It is very important to keep your record book correct up to the present, that is, don't neglect to book all accounts correctly recorded.

Feeding is important and should be done regularly each day giving only what the pig will clean up nicely.

Try to keep your pig growing ~~HEALTHY~~ very fast but don't try to make it overly fat during the hot summer weather. Give it plenty of green foods and keep clean fresh water where it can get it when it becomes thirsty.

Look out for lice, mange, etc. and try to keep your pig healthy. Remember that health pigs make the best profit for their owners and are more pleasure as well.

Write me if you want advice in any way about your pig and its care and management, or any other matter of interest to farmers and their families.

Yours truly,

John Neal
County Agent.

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ORGANIZATION

JOHN DEAL
County Agent,
HAYESVILLE, N. CAROLINA.

- | | |
|--|------------|
| 12. Number of bulletins or circulars of U. S. Department of Agriculture distributed | <u>378</u> |
| 13. Number of bulletins or circulars from State College or State Department of Agriculture distributed | <u>176</u> |
| 14. Number of visits to schools relating to work | <u>0</u> |
| 15. In how many schools did you assist in outlining an agricultural course? | <u>0</u> |
| 16. How many Extension schools or short courses did you assist in? | <u>0</u> |
| Total attendance at these schools | <u>0</u> |
| 17. Total number of days you were engaged in these schools | <u>0</u> |
| 18. Number of farmers who attended short courses at colleges as a result of your effort | <u>1</u> |
| 19. Number of boys attending Agricultural or other schools or colleges as a result of the club work | <u>0</u> |
| 20. How many girls attended industrial or other schools as a result of girls' club work? | <u>0</u> |
| 21. How many times have you been visited by specialists from college or the Department? | <u>4</u> |
| 22. Was there a county fair held in your county? <i>No. (Three Community Fairs)</i> | <u>0</u> |
| 23. How many demonstrators, cooperators and club leaders had exhibits? | <u>2</u> |
| How many of these won prizes? | <u>2</u> |
| 24. How many demonstrations have you in truck or small fruit? | <u>0</u> |
| 25. Were they successful from a financial standpoint? | <u>0</u> |
| 26. How many farmers in your county are keeping cost records at your instance? | <u>0</u> |
| Complete <u>0</u> ; Partial <u>0</u> ; Total <u>0</u> | |

Space for agent's stamp

ORGANIZATION

JOHN DEAN
County Agent
HAYESVILLE, N. CAROLINA

- | | |
|---|-----------------|
| 27. How many farmers in your county are practicing fall plowing as a result of county agent's work? | <u> ?</u> |
| 28. How many farmers are selecting seed? | <u> 28</u> |
| 29. How many farmers are growing any kind of improved seed for sale? | <u> 40</u> |
| 30. How many wood lots have been improved at your suggestion? | <u> 0</u> |
| 31. How many farmers in your county have been influenced to grow sugar cane or sorghum for syrup? | <u> 0</u> |

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EFFECT OF DEMONSTRATION
WORK ON THE COMMUNITY AND
HUMAN INTEREST FEATURESJOHN DEAL,
County Agent,
HAYESVILLE, N. CAROLINA.

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

HOW MANY OF YOUR DEMONSTRATORS AND COOPERATORS ARE:

- Raising practically all their home supplies? all
- Have opened new bank accounts since beginning demonstration work? all
- Have increased their bank deposits since beginning demonstration work? all
- Own their farms? all
- Have mortgages on their farms? none
- Have paid off their mortgages since beginning demonstration work? none
- Trading on a cash basis since beginning demonstration work? all
- Do the bankers and merchants favor demonstration farmers in placing business, such as in the loaning of money and extension of credit? If so, give examples.

*No distinction made. Farmers do not
little credit business. Deposits in their
Bank were 20% greater than they were
six months ago, according to statement of
Cashier*

WHAT PER CENT OF YOUR DEMONSTRATORS AND FARMERS ARE:

- Decreasing their indebtedness along various lines? *very little indebtedness* 90%
- Showing increased interest in agricultural meetings? 95%
- Showing a desire to study their farm business and progress? 100%

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EFFECT OF DEMONSTRATION
 WORK ON THE COMMUNITY AND
 HUMAN INTEREST FEATURES

JOHN DEAL
 County Agent
 HAYESVILLE, N. CAROLINA

12. What additional industries have been established in your territory since demonstration work was begun? *None*
13. What other signs of progress are apparent as a direct, or indirect, result of demonstration and extension work? _____
14. In how many instances among your demonstrators and cooperators have labor saving devices for the home been installed? _____
15. Name some of the more noticeable effects on the farmers' home and family, of his greater earning power due to better methods; such as increased opportunities for social intercourse, amusements, entertainments, greater contentment with farm life, increased interest in church work, etc. Give instances.
- _____
- _____
- _____
- _____

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**SPECIAL REPORT BY WHITE AGENTS ON WORK WITH
NEGRO FARMERS**

JOHN DEB
County Agent
HAYESVILLE, N. CAROLINA

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) None
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 _____
- Estimated quantity of all seed selected (bushels) _____
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? _____
10. Name the principal crops grown under demonstration methods by negro demonstrators and cooperators _____
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 _____
13. Number of negro agricultural clubs or community organizations formed this year for the general improvement of rural conditions _____
- Number of members _____

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SPECIAL REPORT BY WHITE AGENTS ON WORK WITH

NEGRO FARMERS

JOHN DEAL,
County Agent,
HAYESVILLE, N. CAROLINA.

- | | |
|---|--|
| 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 _____ | |

Remarks:

Very few negroes in County

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SUCCESSFUL UNDERTAKINGS

JOHN DEAL,
County Agent,
HAYESVILLE, N. CAROLINA.

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.

When I came here February 3 started a campaign to prune the orchards in this section. During this campaign I personally assisted 20 farmers in pruning work, and personally pruned about 200 trees, about 1500 trees in these orchards.

Numbers of others asked for assistance in orchard work, that it was impossible to get to each season. We expect to do a great deal of pruning and spraying this coming season. Though there was little spraying done last year due to the fact that we were unable to get solutions and had very little to hand. We now have no acid and have orders in for spraying mixture to do quite a bit of spraying during coming season.

During early spring I started endeavoring to plant every available bushel of Soy Beans either in corn or in idle fields and as a result we kept most of our soy beans in county in spite of high prices offered for them elsewhere. Many of our farms have grown this crop for the first time and are highly pleased with results. There is a very good crop of Soy Beans in county this year. There is an average of nearly a bushel of Soy Beans for every acre in the County and one is expected in saying there will be an increase acreage in 1919.

I succeeded in organizing Community fairs at Clf. Haysville and reorganizing on a more permanent basis, the one at Terasstown. All three communities were highly gratified with results of these fairs which were sold for \$2,349³ respectively, but almost every one is in favor of holding not only Community fairs, but also a County Fair.