

COOPERATIVE EXTENSION WORK IN AGRICULTURE
AND HOME ECONOMICS

U. S. Department of Agriculture
and State Agricultural Colleges
Cooperating.



States Relations Service
Office of Extension Work
Washington, D. C.

REPORT OF WORK OF THE COUNTY AGENT

Due November 30, 1922



State Virginia

County Warren & Clarke

Report of Robt B. Crawford County Agent

From December 1, 1921 to November 30, 1922

Approved:

State Agent

Date Forwarded

Director of Extension Work

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Robt B Crawford

Space for Agent's Stamp

COUNTY ORGANIZATIONS

1. Is there a central county committee supporting your work? yes in one county
2. If so, what is it called? Advisory Board
3. Who constitute its membership? Ten of the most prominent farmers.
4. How is membership selected or appointed? County agents and board of supervisors.
5. Does this committee help you make a county plan of work? yes to a limited degree
- How long has this county organization been in existence? yes Six months
6. Number of communities in your county Twelve
7. How many community farmers' clubs have you assisted in organizing this year? Three
Total membership 75
8. How many community farmers' clubs have you in your county? Twelve
Total membership 200
9. How many community farmers' clubs have ceased to exist during the year? None
(Give reason)
10. How many of these clubs are organized so as to include the farmer's wife, children, and others, in their membership? all 12

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COUNTY ORGANIZATIONS (Continued)

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

Cooperative buying and selling and educational entertainment.

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

**COOPERATIVE BUYING
AND SELLING ORGANIZATIONS**

1. How many of your farmers' organizations buy and sell cooperatively? ¹² ~~All buy and~~ ^{few sell}
2. State the quantity and value of each farm necessity or product bought or sold cooperatively by these organizations and the approximate saving to the farmer. Make a separate list of purchases and likewise one for sales, and indicate which are purchases and which sales. Report all livestock in carload lots, keeping the different kinds of livestock separate, for example, cars cattle; cars hogs, etc. Report all grains and potatoes in bushels and carloads, making a separate report on each kind of grain, i.e., 10 carloads, or 8000 bushels of corn. Report all seed in bushels, all fertilizer and lime in tons, and wool in pounds. In the column headed "value", report the amount at which the commodity was actually sold, or for which it was bought. If more commodities have been bought or sold than can be listed on this form, use an additional sheet. A full report on this subject is urged.

Article	Quantity	Value	Saving
Bought Coal	Cars 12	\$ _____	\$ _____
Fertilizer	52	_____	_____
Glover seed	52	_____	_____
Feed	_____ 30 25	_____	_____
Podder twine	1000	_____	_____
Sold Binder twine	10000	_____	_____
Lime	108	_____	_____
Timothy Seed	550	_____	_____
SOLD A few cars of lamb	_____	_____	_____
		_____	_____
	Total saved	\$8250.	_____

3. Have you attempted to keep a bulletin board in your office, listing things for sale and things wanted?
- No board but I keep in touch with such
4. Have you used the market news service of the U. S. Department of Agriculture or your State market news service?

Yes.

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C O R N

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

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

SUMMER LEGUMES

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

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

1. Number of demonstrators _____
2. Number of demonstrators reporting 3
3. Total acreage of this crop grown under improved methods on demonstrations g
4. Average yield per acre on demonstrations (bushels of seed) _____
5. Average yield per acre on demonstrations (tons cured hay) _____
6. Estimated average yield per acre for entire county (bushels of seed) _____
7. Estimated average yield per acre for entire county (tons cured hay) _____
8. Increased yield per acre on demonstrations over ordinary methods (bushels of seed) _____
9. Increased yield per acre on demonstrations over ordinary methods (tons cured hay) _____
10. Number of cooperators _____
11. Total acreage grown under improved methods by cooperators _____
12. Average yield per acre by cooperators (bushels of seed) _____
13. Average yield per acre by cooperators (tons cured hay) _____
14. Number of farmers testing seed for germination _____
15. Total number of bushels seed so tested _____
16. Acreage planted with pure or selected seed _____
17. Total acreage of demonstrators and cooperators threshed for seed _____
18. Total acreage of demonstrators and cooperators cut for hay _____
19. Number of acres grazed off _____
20. Estimated value per acre of grazing \$ _____
21. Total number of acres turned under for soil improvement _____
22. Total number of acres inoculated - by Department cultures 85
23. Total number of acres inoculated - by inoculated soil _____
24. Total number of acres inoculated - by commercial cultures _____
25. Give estimate of the number of acres in your territory which were planted this year to this crop due to your influence 20
26. On how many farms have you introduced the growing of summer legumes or improved cultural methods? 5
27. Number of communities in which demonstrations were conducted _____

Space for agent's stamp

H C G S

- | | |
|----------------------------------------------------------------------------------------------------------------------------|----|
| 1. How many head of registered <u>boars</u> have been secured this year due to your influence? | 7 |
| 2. How many head of registered <u>sows or gilts</u> have been secured this year due to your influence? | 48 |
| 3. How many head of pure-bred hogs have you assisted your farmers in selling this year - through <u>individual sales</u> ? | 26 |
| 4. How many head of pure-bred hogs have you assisted your farmers in selling this year - through <u>group sales</u> ? | |
| 5. How many herds of pure-bred hogs have been started through your influence? | 5 |
| 6. How many hog feeding demonstrations did you supervise? | |
| 7. How many hogs in these demonstrations? | |
| 8. On how many of these demonstrations were records kept? | |
| 9. How many farmers used self-feeders secured at your suggestion? | |
| 10. How many farmers have you induced to start the growing of <u>grazing crops for hogs</u> ? | |
| 11. Estimate number of hogs fed or cared for according to methods which you advocated | |
| 12. Give number of pure-bred boars in county now | |
| 13. Number of communities in which hog demonstrations were conducted | |

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P O U L T R Y

- | | | |
|------------------------------------------------------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------|
| 1. Number of poultry demonstrations | | <u>25</u> |
| 2. Number of each kind of poultry
grown and cared for according
to methods which you advocated | (Chickens
(Ducks
(Guineas
(Turkeys
(Geese | <u>1250</u>

_____ |
| | TOTAL | _____ |
| 3. On how many farms has poultry management been improved as a result
of your work? | | <u>25</u> |
| 4. How many birds on these farms? | | _____ |
| 5. How many communities have adopted a standard variety of poultry? | | _____ |
| 6. On how many cream routes are poultry products collected? | | _____ |
| 7. How many flocks culled through your efforts? | | <u>28</u> |
| 8. Number of birds in flocks culled | | _____ |
| 9. Number of birds eliminated through culling | | <u>256</u> |
| 10. How many farmers were induced to raise standard bred poultry this year? | | <u>4</u> |
| 11. How many demonstrators were induced to practice early hatching? | | _____ |
| 12. How many winter feeding demonstrations? | | _____ |
| 13. Number of birds in these demonstrations? | | _____ |
| 14. Number of new poultry houses erected at your suggestion | | _____ |
| 15. Number of poultry houses remodeled at your suggestion | | _____ |
| 16. Report on reverse side of this sheet any work done on poultry diseases. | | |
| 17. Number of communities in which poultry demonstrations were conducted | | _____ |

LIVE STOCK DISEASES AND PESTS

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

	Demonstrations	* Animals treated	
CATTLE	(Blackleg - - - - -)	_____	
	(Anthrax or charbon - - - - -)	_____	
	(Digestive and other troubles - - - - -)	_____	
	(Tuberculosis - - - - -)	_____	
	(Ticks - - - - -)	_____	
(Lice - - - - -)	_____	_____	
HOGS	(Cholera (single treatment) - - - - -)	_____	
	(Cholera (simultaneous treatment) - - - - -)	3	100
	(Digestive and other troubles - - - - -)	_____	
	(Worms - - - - -)	_____	
	(Lice - - - - -)	_____	
(Mange - - - - -)	_____	_____	
SHEEP	(Stomach worms - - - - -)	_____	
	(Digestive and other troubles - - - - -)	_____	
	(Grubs - - - - -)	_____	
	(Scab - - - - -)	_____	
	(Ticks - - - - -)	_____	
HORSES	(Spinal meningitis - - - - -)	_____	
	(Digestive ailments - - - - -)	_____	
	(Anthrax or charbon - - - - -)	_____	
	(Distemper - - - - -)	_____	
	(Accidents - - - - -)	_____	
	(Other troubles - - - - -)	_____	

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

	Demonstrations	Animals
CATTLE, for Blackleg - - - - -	_____	_____
CATTLE, for Tuberculosis - - - - -	_____	_____
CATTLE, for Anthrax or charbon - - - - -	_____	_____
HOGS, for Cholera - - - - -	_____	_____
HORSES, for Anthrax or charbon - - - - -	_____	_____

3. Have you instruments for such demonstrations? *no*
4. Report results of treatments and of campaigns for eradication or control of diseases or pests under "Remarks".

*Include all animals treated through your influence.

Space for agent's stamp

FERTILIZERS

1. How many farmers consulted you regarding the use of fertilizers? _____
2. How many fertilizer demonstrations are the farmers conducting with you? _____
3. Total acreage in these demonstrations _____
4. How much fertilizer used on such demonstrations? _____ (tons) _____
5. How many communities have you influenced to buy fertilizers cooperatively? _____ 12 _____
6. Quantity bought cooperatively _____ (tons) 1640 _____
7. Value of fertilizer bought cooperatively (actual price paid by cooperative purchase) \$ 2000 _____
8. Total amount saved by cooperative purchases \$ 3000 _____
9. Number of farmers home-mixing fertilizer on your advice _____
10. Estimated number of tons home-mixed _____
11. Estimated saving to farmers _____ (per ton) \$ _____
12. Number of communities in which fertilizer demonstrations were conducted _____

L I M E

1. Number of demonstrators _____
2. Number of demonstrators reporting _____
3. Total number of acres in lime demonstrations _____
4. How many farms, other than demonstrators, used lime or limestone this year due to your influence? _____
5. Quantity of burned lime or limestone used (tons) 200
6. Total number of acres treated this year 300
7. Number of local sources of lime developed _____
8. Number of lime crushers installed as a result of your work _____
9. Number of lime kilns built as a result of your work _____
10. Number of lime sheds constructed as a result of your work _____
11. Number of carloads shipped into your county _____
12. Number of farms on which soil was tested for acidity _____
13. Number of communities in which lime demonstrations were conducted _____

MISCELLANEOUS EXTENSION WORK

	(Demonstrators - - - - -	98
	(Cooperators - - - - -	
1. Number of visits by agent to - - -	(Other farmers - - - - -	500
	(Business men - - - - -	50
	(Boys' and girls' club members - - - - -	332
	TOTAL	
	(Railroad - - - - -	1163
2. Number of miles traveled - - - - -	(Team - - - - -	26
	(Automobile - - - - -	5000
	(Otherwise - - - - -	
	TOTAL	
3. Calls on agent at office and home relative to work - Personal		144
4. Calls on agent at office and home relative to work - Telephone		
5. Number of farmers' meetings held under auspices of agent or Extension Division		
6. How many meetings of all kinds, including field meetings, did you take part in?		66
7. Total attendance at these meetings (approximate)		1579
8. How many field meetings held by you?		
9. Total attendance at these meetings		
10. Number of days spent at office work? _____	How divided?	
	(Correspondence	20
	(Conference	10
	(Miscellaneous	70
	TOTAL	100
	(Supervising regular	
	(Demonstrations	10
	(Other farm visits	70
	(At meetings	18
11. Number of days spent in field work? _____	How divided?	
	(Assisted in short course work	
	(Organization and marketing	25
	TOTAL	100

Space for agent's stamp

MISCELLANEOUS EXTENSION WORK
(Continued)

- | | |
|--------------------------------------------------------------------------------------------------------|---------|
| 12. Number of official individual letters written | 385 |
| 13. Number of articles relating to your work prepared and published | 40 |
| 14. Number of different circular letters prepared by you and sent out | 5 |
| 15. Total number of copies of such letters
(Give list and copy of each, if possible) | 100 |
| 16. Number of bulletins or circulars of U. S. Department of Agriculture distributed | 558,250 |
| 17. Number of bulletins or circulars from State college or State department of agriculture distributed | 75 |
| 18. Number of visits to schools relating to work | 70 |
| 19. In how many schools did you assist in outlining an agricultural course? | 1 |
| 20. How many extension schools or short courses did you assist in? | _____ |
| 21. Total attendance at these schools | _____ |
| 22. Total number of days you were engaged in these schools | _____ |
| 23. Number of farmers who attended short courses at colleges as a result of your effort | _____ |
| 24. Number of club boys who entered college for first time this year | _____ |
| 25. How many times have you been visited by specialists from college or the Department? | _____ |
| 26. Was there a county fair held in your county? | Yes |
| 27. How many demonstrators, cooperators and club members had exhibits? | 70 |
| 28. How many of these won prizes? | 30 |
| 29. How many demonstrations have you in truck or small fruit? | _____ |
| 30. How many were successful from a financial standpoint? | _____ |
| 31. How many farm account books distributed to farmers? | _____ |
| 32. How many farmers in your county did you assist to keep cost production records? | _____ |

MISCELLANEOUS EXTENSION WORK

(Continued)

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

CROP	Improved seed secured		Improved seed offered for sale	
	Farms	Bushels	Farms	Bushels
Corn	6	8		
Wheat				
Rye				
Cotton		(lbs)		(lbs)
Oats				
Potatoes				
Tobacco		(cs.)		(cs.)
Other				

SUCCESSFUL UNDERTAKINGS

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

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

Jan. 1, 1922 I was sent here to start county agent work in two counties, and was directed to work with organizations and club work in hopes of establishing the work in both counties for 1923.

At the Oct. meetings of the boards of supervisors both counties decided that they wanted the work continued.

I have worked with the organizations that were here when I arrived and have assisted in educational programs as much as possible. Also assisted in organizing the Tri-county Fruit Growers Assn., Livestock and Poultry Assn., and a county poultry assn.

I enrolled 81 club members, most of whom made successful demonstrations.

Girl won \$150. on baby beef at the State fair.

Boy won grand championship on Hampshire pig.

Girl won champion Duroc of the pig-club show.

There are now 46 purebred gilts in good condition bred to purebred boars of the same breed.

BOYS' CLUB WORK

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

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

Kathryn Frankhouser White Post, Va.
Baby Beef demonstration

First cost \$50.⁰⁰/₁₀₀ Sold for \$37.⁰⁰/₁₀₀

Prize \$187.⁰⁰ Profit \$105.⁰⁰

Anthony Haynie Happy Creek
Corn Club. Variety - Maryland White
Yield 65 bus. Cost \$14.70 Profit 19.10
Prize \$5.⁰⁰

Ross Hardesty, Berryville Va.

Bn. Pig club - cost \$11.⁰⁰ value \$50.⁰⁰

\$30.⁰⁰ Profit + \$20. in prizes.

The fathers of the club members were without exception for keeping the county agent work. The chairman of the present advisory board is a father who opposed the work of county agent before his boy joined the baby-beef club.

Little boy 7 yrs old came to pig club show with his pig. When he arrived on the grounds he put on overalls, then put an ear of corn in one pocket and a brush in the other pocket, got a jug of milk and a little bucket for the pig to drink out of. He brushed and fed the pig with a crowd of people looking on. He won the prize offered for the best exhibitor.

Little boy 10 years old, mother dead and father too uneducated to spell own name, got the smallest pig in lot of 15. He was consoled when I told him and his father that the best feeder would have the best pig in the fall regardless of size at that time. He told me month later of great secret of his in making his pig grow, and whispered that it was "cornbread". At the show he won over the 15 who had larger pigs to start with.

RECORD OF CROPS RAISED BY ROTY CLUBS

Kind of club	1. Total enrollment	2. Total number of members completing demonstrations and reporting	3. Number of acres in demonstrations completed and reported	4. Total production (bushels or pounds)	5. Average yield per acre (bushels or pounds)	6. Average cost per bushel or pound	7. Total cost of production	8. Total value of crop	9. Total profit
Corn	5	3	3	Bu. 165	Bu. 55	\$	\$ 45	\$ 125	\$ 60
Peanuts				Bu.	Bu.				
Peanut hay				Tons	T.				
Irish potatoes				Lbs.	Lbs.				
Sweet "				Lbs.	Lbs.				
Grain sorghum				Bu.	Bu.				
Wheat				Bu.	Bu.				
Oats				Bu.	Bu.				
Peas				Bu.	Bu.				
Pea hay				Tons	T.				
Soy beans				Bu.	Bu.				
Soy bean hay				Tons	T.				
Velvet beans				Bu.	Bu.				
Seed cotton				Lbs.	Lb.				
Miscellaneous									

Number of bushels of pure bred seed corn distributed to club boys _____
 Number of bushels of other pure bred seed distributed to club boys _____
 How many club members planted catch crops (beans, peas, etc.)? _____

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

	1.	2.	3.	4.	5.	6.	7.	8.	9.
Kind of club.	Enrollment in clubs.	Total number of members completing demonstrations and reporting.	Total number of animals	Total initial weight (pounds)	Total final weight (pounds)	Average cost per pound	Total cost.	Total value.	Total profit.
PIGS									
Fattening demonstrations							\$	\$	\$
Growing for breeding	47	47	48						
Sow and litter.									
SHEEP									
Demonstrations									
BEEF CATTLE									
Fattening demonstrations	7	7	7	490	990	5.30	545	825	280
Growing for breeding									
Cow-calf									
DAIRY CATTLE									
Growing for breeding									
Cow-calf									
MISCELLANEOUS									
Demonstrations									
			Number starting with birds	Produced with eggs	mature birds	Doz. eggs			
POULTRY									
Demonstrations									

Number of pure bred PIGS distributed to club boys	-----	48
" " grade	" " "	6
" " pure bred CALVES	" " "	
" " grade	" " "	7
" " pure bred SHEEP	" " "	
" " grade	" " "	
" " pure bred POULTRY	" " "	70
" " eggs from pure bred poultry distributed to club boys (doz)	" " "	70

Robert Crawford
(Space for agent's stamp)

SEED CERTIFICATION

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

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

(For additional remarks use reverse side of this sheet)