

# COOPERATIVE EXTENSION WORK IN AGRICULTURE AND HOME ECONOMICS

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

Extension Service  
Washington, D. C.

## COMBINED ANNUAL REPORT OF COUNTY EXTENSION WORKERS

This report form is for use by county extension agents in making a combined statistical report on all extension work done in the county during the year. Agents resigning during the year should make out this report before quitting the service.

State Virginia County Florida

### REPORT OF

Mary T. Williams From Dec. 1, 1948 to Nov. 30, 1949  
 (Name) Home Demonstration Agent  
 From \_\_\_\_\_, 194\_\_\_\_, to \_\_\_\_\_, 194\_\_\_\_  
 Assistant Home Demonstration Agent  
 From \_\_\_\_\_, 194\_\_\_\_, to \_\_\_\_\_, 194\_\_\_\_  
 4-H Club Agent  
M. J. Bailey From Feb. 1, 1949 to Nov. 30, 1949  
 Assistant County Agent in charge of Club Work  
E. A. Wood From Dec. 1, 1948 to Nov. 30, 1949  
 Agricultural Agent  
M. N. Clements From Dec. 1, 1944 to Dec. 31, 1948  
 Assistant Agricultural Agent



READ SUGGESTIONS, PAGES 2 AND 16

Approved: \_\_\_\_\_

Date \_\_\_\_\_

State Extension Director

### SUGGESTIONS RELATIVE TO THE PREPARATION OF THE COUNTY EXTENSION AGENT'S ANNUAL REPORT

Six good reasons may be listed as to why an extension worker should prepare a comprehensive annual report:

1. The annual report is an accounting to the taxpaying public of what the extension worker has accomplished during the year.
2. It is a record of the year's work put into shape for ready reference in later years by the extension worker himself, or by his successors.
3. The annual report affords the extension worker opportunity to place his activities and accomplishments before superior officers, who form judgment as to which workers are deserving of promotion or best qualified to fill responsible positions when vacancies occur.
4. The inventory of the past year's efforts and accomplishments enables the extension worker to plan more effectively for the coming year.
5. An accurate report of his work is a duty every scientific worker owes to the other members of his profession.
6. Annual reports are required by Federal law.

From four to six copies of the annual report should be made, depending upon the number required by the State office: One copy for the county officials, one copy for the agent's files, one or more copies for the State extension office, and one copy for the Extension Service, United States Department of Agriculture. The report to the Washington office should be sent through the State extension office.

#### NARRATIVE SUMMARY

A separate narrative report is desired from the leader of each line of work, such as county agricultural agent, home demonstration agent, boys' and girls' club agent, and Negro agent. Where an assistant agent has been employed during a part or all of the year, the report of his or her work should be included with the report of the leader of that line of work. Where an agent in charge of a line of work has quit the service during the year, the information contained in his or her report should be incorporated in the annual report of the agent on duty at the close of the report year, and the latter report so marked.

The narrative report should summarize and interpret under appropriate subheading the outstanding results accomplished in helping rural people to solve their current problems and to make adjustments to changing economic and social conditions.

A good narrative report should enable the reader to obtain a comprehensive picture of—

1. What was attempted—the program as outlined at the beginning of the year;
2. How the work was carried on—the teaching methods employed.
3. The cooperation obtained from other extension workers, rural people, commercial interests, and other public agencies.
4. Definite accomplishments, supported by objective evidence.
5. Significance of the year's progress and accomplishments in terms of better agriculture, better homemaking, improved boys and girls, better rural living, etc.
6. How next year's work can be strengthened and improved in light of the current year's experience.

The following suggestions are for those agents who wish to prepare a better annual report than the one submitted last year:

1. Read the definitions of extension terms on the last page of this schedule.
2. Read last year's annual report again, applying the criteria for a good annual report discussed above.
3. Prepare an outline with main headings and subheadings.
4. Go over the information and data assembled from various office sources.
5. Decide upon a few outstanding pieces of work to receive major emphasis.
6. Employ a newspaper style of writing, placing the more important information first.
7. Observe accepted principles of English composition.
8. Include only a few photographs, news articles, circular letters, or other exhibits to illustrate successful teaching methods. Do not make an annual report a scrapbook.

#### STATISTICAL SUMMARY

Where two or more agents are employed in a county they should submit a single statistical report showing the combined activities and accomplishments of all county extension agents employed in the county during the year. Negro men and women agents should prepare a combined statistical report separate from that of the white agents.

Provision is made in the report form for each agent to report separately the teaching activities he or she conducts or participates in during the report year. County totals are the sum of the activities of all agents minus duplications where two or more agents engage in the same activity. For purposes of reporting, extension results or accomplishments are expressed in numbers of farmers or families assisted in making some improvement or definitely influenced to make a change. Such an improvement or change may be the outcome of any phase of the program for men, women, older rural youth, or 4-H Club boys and girls. Only the improvement or change taking place during the current year as the result of extension effort should be reported. Census type of information on the status of farm and home practices should not be included. For use on the national level the statistical data on the year's extension activities and accomplishments must be expressed in somewhat broad and general terms. Each State extension service may desire to include in a statistical supplement additional information on problems and activities peculiar to the State or sections of the State.

GENERAL ACTIVITIES

Report only this year's activities that can be verified		Horse demonstration agents (a)	4-H Club agents (b)	Agricultural agents (c)	County total* (d)	
1	Months of service this year (agents and assistants)	12	11	12	XXXXXX	
2	Days devoted to work with adults	155.5	155.5	257	XXXXXX	
3	Days devoted to work with 4-H Clubs, and young men and women (older youth)	116.5	108	35.5	XXXXXX	
4	Days in office	74	66.5	129.5	XXXXXX	
5	Days in field	96	197	163	XXXXXX	
6	Number of farm or home visits made in conducting extension work	119	684	871	1754	
7	Number of different farms or homes visited	83	150	269	504	
8	Number of calls relating to extension work	(1) Office 220 (2) Telephone 414	131 213	1011 1650	1363 3427	
9	Number of news articles or stories published	17	20	58	105	
10	Number of bulletins distributed	477	225	3557	8569	
11	Number of radio talks broadcast or prepared for broadcasting	22	7	21	52	
12	Training meetings held for local leaders or committeemen	(1) Adult work	(a) Number 14 (b) Men 7 (c) Women 7	1 7	32 80	49 87
		(2) 4-H Club and young men and women (older youth)	(a) Number 7 (b) Total attendance of leaders	2 22	6 84	11 80
13	Method demonstration meetings held (Do not include the method demonstrations given at leadership meetings reported under question 12)	(1) Adult work	(a) Number 155 (b) Total attendance 2477	35 547	16 873	180 3526
		(2) 4-H Club and young men and women (older youth)	(a) Number 101 (b) Total attendance 9700	15 1163	14 279	197 2658
14	Number of adult result demonstrations conducted	11	75	75	88	
15	Meetings held at such result demonstrations	(1) Number 12 (2) Total attendance 22	6 205	1 75	13 267	
		(1) Adult work	(a) Number 2 (b) Total attendance 25	1 12	2 78	5 58
16	Tours conducted	(2) 4-H Club and young men and women (older youth)	(a) Number 1 (b) Total attendance 50	1 103	1 103	4 103
		(1) Adult work	(a) Number 10 (b) Total attendance 200	1 300	1 300	2 500
17	Achievement days held	(2) 4-H Club and young men and women (older youth)	(a) Number 1 (b) Total attendance 190	1 390	2 570	2 570

\* Includes assistants only agent in charge of 4-H Club work or who works part-time full time in club work.  
 \* County total shows equal sum of preceding three columns minus duplications due to two or more agents participating in same activity or accomplishment.  
 \* The sum of questions 2 and 3 should equal the sum of questions 4 and 5.  
 \* Do not count a single visit to both the farm and home as two visits.  
 \* Do not count items relating to notices of meetings only.

GENERAL ACTIVITIES—Continued

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Report only 1 year	Activities that can be verified	Local participation (a) Number	Home demonstration agents (b)	4-H Club agents (c)	Agricultural agent (d)	County total (e)
18. Encampments held (report attendance for your county only)	(1) Farm women	400			200	600
	(2) 4-H Club and young men and women (older youth)	70		109		179
	(3) Total others attending	2		11		13
19. Other meetings of an extension nature participated in by county or State extension workers and not previously reported	(1) Adult work	278		33	57	368
	(2) 4-H Club and young men and women (older youth)	245		528	2645	2870
20. Meetings held by local leaders or committeemen not participated in by county or State extension workers and not reported elsewhere	(1) Adult work	71		9	17	97
	(2) 4-H Club and young men and women (older youth)	37		95	17	149
	(3) Total others attending	8		10	17	35
	(4) Total attendance	822		271	187	1280
	(5) Total attendance	576		271	27	874

1 Includes assistant county agent in charge of 4-H Club work or who devotes practically full time to club work.  
 2 County total should equal sum of preceding three columns times 2 when two or more agents participating in same activity or accomplishment.  
 3 Does not include picnic, rallies, and short courses, which should be reported under question 19.

SUMMARY OF EXTENSION INFLUENCE THIS YEAR

It is highly desirable for extension workers to consider the proportion of farms and homes in the county that have been definitely influenced to make some substantial change in farm or home operations during the report year as a result of the extension work done with men, women, and youth. It is recognized that this information is very difficult for agents to report accurately, so a conservative estimate based upon such records, surveys, and other sources of information as are available will be satisfactory.

21. Total number of farms in county (1945 census)	1912	319	1920	3433
22. Number of farms on which changes in practices have definitely resulted from the agricultural program	721	131	1011	1827
23. Number of farms involved in preceding question which were reached this year for the first time	122	23	388	1200
24. Number of nonfarm families making changes in practices as a result of the agricultural program	122	23	388	150
25. Number of farm homes in which changes in practices have definitely resulted from the home demonstration program	122	23	388	34
26. Number of farm homes involved in preceding question that were reached this year for the first time	122	23	388	1100
27. Number of other homes in which changes in practices have definitely resulted from the home demonstration program	122	23	388	150
28. Number of other homes involved in preceding question that were reached this year for the first time	122	23	388	34
29. Number of farm homes with 4-H Club members enrolled	122	23	388	15
30. Number of other homes with 4-H Club members enrolled	122	23	388	171
31. Total number of different farm families influenced by some phase of the extension program. (Include questions 22, 25, and 29 minus duplications)	122	23	388	1200
32. Total number of different other families influenced by some phase of the extension program. (Include questions 24, 27, and 30 minus duplications)	122	23	388	40

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EXTENSION ORGANIZATION AND PLANNING

33. County organization, association, or committee sponsoring extension work. This may include agricultural councils, home demonstration councils, and 4-H councils, or similar advisory committees. It may also include farm and home bureaus and extension associations in those States where such associations are the official or quasi-official agency in the county cooperating with the college in the management or conduct of extension work:

- (a) Over-all or general: (1) Name U.S.D.A. County Council & Professional Workers (2) No. of members 14
- (b) Agricultural: (1) Name U.S.D.A. Amalgamated Agricultural Workers (2) No. of members 14
- (c) Home demonstration: (1) Name County Home Demonstration Committee (2) No. of members 22
- (d) 4-H Clubs: (1) Name H. Clark Church (2) No. of members 41
- (e) Young men and women (older youth): (1) Name \_\_\_\_\_ (2) No. of members \_\_\_\_\_

34. Number of members of county extension program planning committees and subcommittees (include commodity and special-interest committees):

- (a) Agricultural: 37
- (b) Home demonstration: 1
- (c) 4-H Club: 0
- (d) Young men and women (older youth): 0

35. Total number of communities in county. (See definition of a community, item 1, on back cover.) (Do not include number of neighborhoods)

36. Number of communities in which the extension program has been planned cooperatively by extension agents and local committees

37. Number of clubs or other groups organized to carry on adult home demonstration work

38. Number of members in such clubs or groups

39. (a) Covered under question 173. (b) Covered under question 185.

40. Combined with question 41.

41. Number of different voluntary local leaders, committeemen, or neighborhood leaders actively engaged in forwarding extension program.

- (a) Adult work: (1) Men 188 (2) Women 165
- (b) 4-H Club and work with young: (1) Men 4 (2) Women 16
- (c) Older club boys: \_\_\_\_\_
- (d) Older club girls: \_\_\_\_\_

COOPERATIVE AGRICULTURAL PLANNING

42. Name of the county agricultural planning (over-all planning) group, if any, sponsored by the Extension Service Yes

43. Number of members of such county agricultural planning group:

- (a) Unpaid lay members: (1) Men \_\_\_\_\_ (2) Women \_\_\_\_\_ (3) Youth \_\_\_\_\_
- (b) Paid representatives of public agencies or other agencies, or of organizations: (1) Men \_\_\_\_\_ (2) Women \_\_\_\_\_

44. Number of communities with agricultural planning committee (over-all planning)

45. Number of members of such community planning committees: (a) Men \_\_\_\_\_ (b) Women \_\_\_\_\_ (c) Youth \_\_\_\_\_

46. Was a county committee report prepared and released during the year? (a) Yes \_\_\_\_\_ (b) No \_\_\_\_\_

Days devoted to line of work by	Extension organization and planning:		County agricultural planning:	Total:
	(a)	(b)		
47. (1) Home demonstration agents				<u>165.5</u>
(2) 4-H Club agents				<u>4.5</u>
(3) Agricultural agents				<u>21.5</u>
(4) State extension workers				
48. Number of planning meetings held:	(1) County			<u>64</u>
(2) Community				<u>38</u>
49. Number of unpaid voluntary leaders or committeemen assisting this year				<u>203</u>
50. Days of assistance rendered by voluntary leaders or committeemen				<u>900</u>

Where extension program planning and county agricultural planning (over-all planning) have been completely merged into a single program planning activity, only column (c) should be filled out. Where extension planning is the only planning activity, the entries in columns (a) and (b) will be identical. In all other cases column (c) is the sum of columns (a) and (b).

**CROP PRODUCTION (other than for family food supply)**

Include all work with adults, 4-H Club members, and young men and women (older youth)	Corn	Wheat	Other cereals	Legumes	Pastures	Cotton	Tobacco	Potatoes and other vegetables	Fruits	Other crops
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
51. Days devoted to line of work by--										
(1) Home demonstration agents										
(2) 4-H Club agents	19.5	3.5	2	8	17.5		4	1	1	
(3) Agricultural agents	18	10	6.5	9	43		11	1	1	
(4) State extension workers										
52. Number of communities in which work was conducted this year	9	9	9	9	9		6		2	
53. Number of voluntary local leaders or committee members assisting this year	3	3	4	60	12		4			
54. Number of farmers assisted this year in--										
(1) Obtaining improved varieties or strains of seed	800	200	250	300	600		19		2	
(2) The use of lime				300	700					
(3) The use of fertilizers	800	500	500	300	900		600			
(4) Controlling plant diseases		50	200	40	10		600		12	
(5) Controlling injurious insects	100	100	200	75	200		150		12	
(6) Controlling noxious weeds	10	10	20		180					
(7) Controlling rodents and other animals	30	30	30							

**LIVESTOCK PRODUCTION (other than for family food supply)**

Include all work with adults, 4-H Club members, and young men and women (older youth)	Dairy cattle	Beef cattle	Sheep	Pigs	Horses and mules	Poultry (excluding turkeys)	Other livestock
	(a)	(b)	(c)	(d)	(e)	(f)	(g)
55. Days devoted to line of work by--							
(1) Home demonstration agents							
(2) 4-H Club agents	8.2	28.5	.5	27.5		8	21
(3) Agricultural agents	64.5	38	2	25		11	13
(4) State extension workers							
56. Number of communities in which work was conducted this year	9	9	2	9		7	
57. Number of voluntary local leaders or committee members assisting this year	7	7					
58. Number of breeding circles or clubs or improvement associations organized or assisted this year	2						
59. Number of members in such circles, clubs, or associations	28						
60. Number of farmers not in breeding circles or improvement associations assisted this year in keeping performance records of animals	6	3		10			
61. Number of farmers assisted this year in--							
(1) Obtaining purebred males	2	16	2	3			
(2) Obtaining purebred or high-grade females	3	12		14		4	
(3) Obtaining better strains of baby chicks (including hatching eggs)	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	4	XXXXX
(4) Improving methods of feeding	500	30	24	350		400	
(5) Controlling external parasites	600	10	24	300		400	
(6) Controlling diseases and internal parasites	150	30	24	300		400	
(7) Controlling predatory animals			2			12	

\* Do not include rabbits, game, and fur animals, which should be reported under wildlife.

**CONSERVATION OF NATURAL RESOURCES**

Include all work with adults, 4-H Club members, and young men and women (older youth)		Soil and water (a)	Forestry (b)	Wildlife (c)
62. Days devoted to line of work by—				
(1) Home demonstration agents		9	18	
(2) 4-H Club agents		17		
(3) Agricultural agents		9	3	
(4) State extension workers		3	5	
63. Number of communities in which work was conducted this year				
64. Number of voluntary local leaders or committeemen assisting this year				
<b>Soil and Water—Continued</b>		<b>Forestry—Continued</b>		
65. Number of farmers assisted this year—		67. Number of farmers assisted this year—		
(a) With problems of land use	120	(a) In reforesting new areas by planting with small trees (Include erosion-control plantings)		
(b) In the use of crop rotations	160	(b) In making improved thinnings, weedings or pruning of forest trees		
(c) With strip cropping	25	(c) With selection cutting	2	
(d) In constructing terraces	5	(d) With production of naval stores	2	
(e) In grassing waterways or other soil preventing or controlling gullies	22	(e) With production of maple-strip products		
(f) With contour farming of cropland	30	(f) In timber estimating and appraisal	2	
(g) In contouring pasture or range		68. Number of farmers cooperating this year in prevention of forest fires	4	
(h) In the use of cover or green-manure crops	175	(a) In construction or management of ponds for fish		
(i) In otherwise controlling wind or water erosion	13	(b) In protection of wildlife areas, such as stream banks, odd areas, field borders, marshes, and ponds, from fire or livestock	5	
(j) In summer-fallowing	20	(c) In planting of edible wild fruits and nuts in hedges, stream banks, odd areas, and field borders	3	
(k) In making depth-of-moisture tests	6	(d) With other plantings for food and protection in wildlife areas	3	
(l) With drainage				
(m) With irrigation	2			
66. Number of farmers				
(a) In soil-conservation districts which were assisted with education for organization operations this year	389			
(b) Assisted in arranging for farm-conservation plans this year	43			
(c) Assisted in doing work based on definite farm-conservation plans this year	15			

<sup>1</sup> Include nature study.

FARM MANAGEMENT

149161 All work with adults, 4-H Club members, and young men and women (older youth)	Farm accounts, cost records, inventories, etc.	Individual farm planning, adjustments, tenancy, and other management problems.	Farm credit (short and long time)	Outlook information
(1) Home demonstration agents.	(a)	(b)	(c)	(d)
70. Days devoted to line of work by—	4	1		
71. Number of communities in which work was conducted this year.	1			
72. Number of voluntary local leaders or committeemen assisting this year.				
73. Number of farm survey records taken during the year:				
(a) Farm business.				
(b) Enterprise.				
(c) Other.				
74. Number of farmers assisted this year in keeping—				
(a) Farm inventory.				
(b) General farm records.				
(c) Enterprise records.				
75. Number of farmers assisted this year—				
(a) In developing a farm plan only.				
(b) In developing a farm and home plan.				
(c) In analyzing the farm business.				
(d) In improving landlord-tenant relations and leasing arrangements.				
(e) In the use of such equipment.				

75. Number of farmers assisted this year—Continued.

(e) In getting started in farming, or in relocating.	
(f) With credit problems (debt adjustment and financial plans).	
(g) To use "outlook" to make farm adjustments.	
(A) With a farm-income statement for tax purposes.	
(B) With farm-labor problems.	
(C) In developing supplemental sources of income.	

GENERAL ECONOMIC PROBLEMS RELATED TO AGRICULTURE

149162 All work with adults, 4-H Club members, and young men and women (older youth)	Price and trade policies (prices, international trade, interstate trade barriers, transportation, interregional competition, etc.)	Land policy and programs (classification of land, zoning, settlement, public land management, etc.)	Public finance and services (taxation, local government, facilities such as roads and schools for rural areas, etc.)	Rural-urban relationships, part-time farming, problems of people in low-income areas, migration, population adjustments, rural works programs, etc.)
(1) Home demonstration agents.	(a)	(b)	(c)	(d)
76. Days devoted to line of work by—				
(1) Home demonstration agents.				
(2) 4-H Club agents.				
(3) Agricultural agents.				
(4) State extension workers.				
77. Number of communities in which work was conducted this year.				
78. Number of voluntary local leaders or committeemen assisting this year.				
79. Number of tours conducted this year to observe economic and social conditions in various land use areas.				
80. Number of local groups (town and county officials, school boards, tax collectors, assessors, etc.) assisted this year in discussing problems of local government, public finance, and farming conditions related to these problems.				
81. Number of displaced families assisted this year in finding employment (agricultural and nonagricultural).				
82. Number of nonagricultural groups to which any of the above economic and social problems have been presented and discussed this year.				

<sup>1</sup> Include all work on farm adjustments conducted in cooperation with PMA and other agencies, and not definitely related to individual crop or livestock production or marketing (pp. 6 and 9) or to soil management (p. 7).

MARKETING AND DISTRIBUTION

Include all work with adults, 4-H Club members, and young men and women (older youth)	General	Grain and hay	Livestock and wool	Dairy products	Poultry and eggs	Fruits and vegetables	Cotton	Forest products	Tobacco, sugar, rice, and other commodities	Home products and crafts	Purchasing of farm and home supplies and equipment
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)
83. Days devoted to line of work by—											
(1) Home demonstration agents											8
(2) 4-H Club agents											
(3) Agricultural agents			10								
(4) State extension workers											
84. Number of communities in which work was conducted this year			5								9
85. Number of voluntary local leaders or committeemen assisting this year											9
86. Number of new cooperatives <sup>1</sup> assisted in organizing during the year			1								
87. Number of established cooperatives <sup>1</sup> assisted during the year	1		2	2					1		
88. Number of members <sup>2</sup> in the cooperatives assisted during the year (questions 86 and 87)	700		96	63					210		
89. Question discontinued	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX
90. Number of farmers or families (not members of cooperatives) assisted during the year	75	20	60	175	40				60		200
91. Question discontinued	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX
92. Number of private marketing and distributing agencies and trade groups assisted this year											7
93. Number of programs <sup>3</sup> pertaining to marketing agreements, orders, or surplus removal purchases assisted in or conducted this year											3
94. Number of marketing facilities improvement programs <sup>3</sup> participated in or conducted this year											3
95. Number of marketing surveys assisted with or conducted this year											3
96. Number of special merchandising programs <sup>3</sup> participated in or conducted this year											1
97. Number of consumer information programs <sup>3</sup> pertaining to marketing and distribution participated in or conducted this year											1
98. Number of programs <sup>3</sup> relating to marketing services and costs of distribution conducted this year											1
99. Number of programs <sup>3</sup> relating to transportation problems conducted this year											1
100. Number of programs <sup>3</sup> relating to the specific use of market information conducted this year											1
101. Number of other marketing programs <sup>3</sup> conducted this year (specify)											1

<sup>1</sup> Include livestock, poultry, and hatching eggs purchased for breeding, replacement, or housing purposes.  
<sup>2</sup> Where a cooperative association serves more than one county, include only the members in the county covered by this report.  
<sup>3</sup> Original place of work.

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### HOUSING, FARMSTEAD IMPROVEMENT, AND EQUIPMENT

<small>Include all work with adults, 4-H Club members, and young men and women (older youth)</small> The house, furnishings, and surroundings (a)	(b)	Rural electrification (5)	Farm buildings (c)	Farm mechanical equipment (d)
102. Days devoted to line of work by—				
(1) Home demonstration agents	15.5			1.5
(2) 4-H Club agents	20			
(3) Agricultural agents				
(4) State extension workers	9			6
103. Number of communities in which work was conducted this year				6
104. Number of voluntary local leaders or committeemen assisting this year	22			
<b>The House, Furnishings, and Surroundings—Continued</b>		<b>Rural Electrification—Continued</b>		
105. Number of families assisted this year in—		106. Number of associations organized or assisted this year to obtain electricity. (Report associations, not individual members).		
(a) Constructing dwellings	12	107. Number of families assisted this year in—		
(b) Remodeling dwellings	12	(a) Obtaining electricity		
(c) Installing sewage systems	17	(b) Selection or use of electric lights or home electrical equipment	2000	
(d) Installing water systems	6	(c) Using electricity for income-producing purposes		11
(e) Installing heating systems	24	<b>Farm Buildings—Continued</b>		
(f) Providing needed storage space		108. Number of farmers assisted this year in—		
(g) Rearranging or improving kitchens	145	(a) The construction of farm buildings	75	
(h) Improving arrangement of rooms (other than kitchens)	1	(b) Remodeling or repairing farm buildings	12	
(i) Improving methods of repairing, remodeling, or refinishing furniture or furnishings	60	(c) Selection or construction of farm-building equipment	4	
(j) Selecting housefurnishings or equipment (other than electric)	15	<b>Farm Mechanical Equipment—Continued</b>		
(k) Improving housekeeping methods		109. Number of farmers assisted this year in—		
(l) Laundry arrangement		(a) The selection of mechanical equipment		
(m) Installing sanitary closets or outhouses		(b) Making more efficient use of mechanical equipment		58
(n) Screening or using other recommended methods of controlling flies or other insects		110. Number of farmers following instructions in the maintenance and repair of mechanical equipment this year		
(o) Improving home grounds	45	111. Number of gin stands assisted this year in the better ginning of cotton		
(p) Planting windbreaks or shelterbelts				

REVISED AND REDESIGNED

16-58074-7

34

34  
72

**NUTRITION AND HEALTH**

Include all work with adults, 4-H Club members, and young men and women (older youth)	Home production of food supply (a)	Food preservation and storage (b)	Food selection and preparation (c)	Other health and safety work (d)
112. Days devoted to line of work by—				
(1) Home demonstration agents	3	10	15	13
(2) 4-H Club agents				
(3) Agricultural agents				
(4) State extension workers				
113. Number of communities in which work was conducted this year	7	7	7	7
114. Number of voluntary local leaders or committeemen assisting this year	13	6	50	13
115. Number of families assisted this year—				
(a) In improving diets				250
(b) With food preparation				250
(c) In improving food supply by making changes in home food production—				50
(1) Of vegetables				
(2) Of fruits				
(3) Of meats				
(4) Of milk				
(5) Of poultry and eggs				92
(6) Total of above subitems minus duplications due to families making changes in production of more than one kind of food				406
(d) With home butchering, meat cutting or curing				
(e) With butter or cheese making				
(f) With food-preservation problems in—				
(1) Canning				100
(2) Freezing				150
(3) Drying				
(4) Storing				
(5) Total of above subitems minus duplications due to families using more than one method of preserving				200
116. In producing and preserving home food supply according to annual food-supply budget				
(A) In eating according to a budget				
(1) With child-feeding problems				
(2) In the prevention of colds and other common diseases				
(3) With positive preventive measures to improve health (immunization for typhoid, diphtheric, smallpox, etc.)				350
(4) With first aid or home nursing				95
(5) In removing fire and accident hazards				75
117. Number of schools assisted this year in establishing or maintaining hot school lunches				
118. Number of nutrition or health clinics organized this year through the efforts of extension workers				

**CLOTHING, FAMILY ECONOMICS, PARENT EDUCATION, AND COMMUNITY LIFE**

Include all work with adults, 4-H Club members, and young men and women (older youth)	Home management—family economics (a)	Clothing and textiles (b)	Family relationships—child development (c)	Recreation and community life (d)
117. Days devoted to line of work by— (1) Home demonstration agents (2) 4-H Club agents (3) Agricultural agents (4) State extension workers	205	215	4	6
118. Number of communities in which work was conducted this year	7	9	9	9
120. Number of voluntary local leaders or committeemen assisting this year		18	10	13
<b>Home Management—Family Economics—Continued</b>		<b>Clothing and Textiles—Continued</b>		
121. Number of families assisted this year— (a) With time-management problems (b) With home accounts (c) With financial planning (d) In improving use of credit for family living expenses (e) In developing home industries as a means of supplementing income		127. Number of families assisted this year with— (a) Clothing-construction problems (b) The selection of clothing and textiles (c) Care, renovation, remodeling of clothing (d) Clothing accounts or budgets		86 131 115 76
122. Number of home demonstration clubs, other consumer associations or groups assisted this year with cooperative buying. (Do not report individuals): (a) Food (b) Clothing (c) Housefurnishings and equipment (d) General household supplies		<b>Family Relationships—Child Development—Continued</b> 128. Number of families assisted this year— (a) With child-development and guidance problems (b) In improving family relationships		
123. Number of families assisted this year through cooperative associations* or individually, with the buying of— (a) Food (b) Clothing (c) Housefurnishings and equipment (d) General household supplies	200 110	129. Number of families providing recommended clothing, furnishings, and play equipment for children this year		
124. Total number of different families assisted this year with consumer-buying problems (includes question 123 (a), (b), (c), and (d) minus duplications)	250	130. Number of different individuals participating this year in child-development and parent-education programs: (a) Men (b) Women		29
125. Number of families assisted this year with "making versus buying" decisions	76	131. Number of children in families represented by such individuals		200
126. Number of families assisted this year in using timely economic information to make buying decisions or other adjustments in family living	250	<b>Recreation and Community Life—Continued</b> 132. Number of families assisted this year in improving home recreation		200
NOTE.—Individual families and groups assisted with selling problems should be reported in column (f), page 9.		133. Number of communities assisted this year in improving community recreational facilities		3
		134. Number of community groups assisted this year with organizational problems, programs of activities, or meeting programs		9
		135. Number of communities assisted this year in establishing— (a) Club or community house (b) Permanent camp (c) Community rest rooms		2
		136. Number of communities assisted this year in providing library facilities		4
		137. Number of school or other community grounds improved this year according to recommendations		4

\* The home—its arrangement, equipment, and furnishings, including kitchen improvements and care of the home—is reported under "The home, furnishings and surroundings," p. 10.  
 \* Includes question 122; also families buying through marketing cooperatives, organized or unorganized, column (k), p. 9.

**SUMMARY OF 4-H CLUB BOYS' AND GIRLS' PROJECTS**

(One club member may engage in two or more projects. The sum of the projects is therefore greater than the number of different club members enrolled.)

Project	Number of boys enrolled (a)	Number of girls enrolled (b)	Number of boys completing (c)	Number of girls completing (d)	Number of units involved in completed projects (e)	
138. Corn	20		12		14.5	Acres
139. Other cereals						Acres
140. Peanuts						Acres
141. Soybeans, field peas, alfalfa, and other legumes						Acres
142. Soil and water conservation	3		2		1.86	Acres
143. Potatoes, Irish and sweet						Acres
144. Cotton						Acres
145. Tobacco	2		2		1.5	Acres
146. Fruits						Acres
147. Home gardens	12		10		2.9	Acres
148. Market gardens, truck and canning crops						Acres
149. Other crops (including pasture improvement)						Acres
150. Poultry (including turkeys)	8		6		2.77	Birds
151. Dairy cattle	26		19		1.5	Animals
152. Beef cattle	1		1		4	Animals
153. Sheep	1		1			Animals
154. Swine	25		17		1.9	Animals
155. Horses and mules						Animals
155a. Rabbits						Animals
156. Other livestock						Animals
157. Bees						Colonies
158. Beautification of home grounds		2		2	xxxxxxx	Acres
159. Forestry					xxxxxxx	Acres
160. Wildlife and nature study (game and feral animals)					xxxxxxx	Articles made
161. Agricultural engineering, farm shop, electricity, tractor	110		7			Articles repaired
162. Farm management					xxxxxxx	xxxxxxx
163. Food selection, preparation, and/or baking	1	25		23	220	Meals planned
164. Food preservation. (Include frozen foods)	11	13		12	220	Meals served
165. Health, home nursing, and first aid					135	Quarts canned
165a. Child care					120	Quarts frozen
166. Clothing		93		76	120	Pounds frozen
167. Home management (housekeeping)					32	Garments made
168. Home furnishings and room improvement	23	30				Garments remodeled
169. Home industry, and crafts	85	104				Units
170. Junior leadership						Rooms
171. All other <i>Personal Laundry</i>	20	5	7	5		Articles
172. Total (project enrollment and completion)	104	103	138	74	118	Articles

<sup>1</sup>Enter frozen foods as quarts or pounds. Do not duplicate entries by converting quarts to pounds or pounds to quarts.

### 4-H CLUB MEMBERSHIP<sup>1</sup>

173. Number of 4-H Clubs (do not count the same club more than once) 10

174. Number of different 4-H Club members enrolled (a) Boys 84 (b) Girls 104

175. Number of different 4-H Club members completing (a) Boys 53 (b) Girls 090

176. Number of different 4-H Club members in school (a) Boys 83 (b) Girls 104

177. Number of different 4-H Club members out of school (a) Boys 1 (b) Girls

178. Number of different 4-H Club members from farm homes (a) Boys 77 (b) Girls 94

179. Number of different 4-H Club members from nonfarm homes (a) Boys 7 (b) Girls 10

#### Number of Different 4-H Club Members Enrolled:

180. By years	Boys (a)	Girls (b)	181. By ages	Boys (a)	Girls (b)
1st year	<u>23</u>	<u>32</u>	10 and under	<u>11</u>	<u>34</u>
2d year	<u>2</u>	<u>34</u>	11	<u>18</u>	<u>19</u>
3d year	<u>0</u>	<u>22</u>	12	<u>13</u>	<u>18</u>
4th year	<u>0</u>	<u>7</u>	13	<u>9</u>	<u>11</u>
5th year	<u>7</u>	<u>6</u>	14	<u>13</u>	<u>12</u>
6th year	<u>1</u>	<u>3</u>	15	<u>8</u>	<u>6</u>
7th year			16	<u>7</u>	<u>5</u>
8th year			17	<u>3</u>	<u>1</u>
9th year			18	<u>2</u>	
10th and over			19		
			20 and over		

182. Number of different 4-H Club members, including those in corresponding projects, who received definite training in—

183. Hours (a) Judging 0134 (f) Fire and accident prevention 189

(b) Giving demonstrations 72 (g) Wildlife conservation

(c) Recreational leadership 02 (h) Keeping personal accounts 76

(d) Music appreciation (i) Use of economic information

(e) Health 183 (j) Soil and water conservation

(k) Forestry 94

184. Number of 4-H Clubs engaging in community activities such as improving school grounds and conducting local fairs 5

### WORK WITH YOUNG MEN AND WOMEN (OLDER RURAL YOUTH) (Do not include work with 4-H Clubs)

#### A. Extension organized groups of young men and women:

185. Number of such groups worked with during year

186. Membership in such groups (a) Number of different young men  
(b) Number of different young women

187. Distribution of these members by school and marital status and age groups.  
(The sum of (1) a+b+c—the sum of d+e+f=186 (a). Also the sum of (2) a+b+c—the sum of d+e+f=186 (b).)

	In school (a)	Out of school		Under 21 years (d)	21-24 years (e)	25 years and over (f)
		Unmarried (b)	Married (c)			
(1) Young men						
(2) Young women						

188. Number of meetings these extension organized groups held

189. Total attendance at such meetings

#### B. Other groups of young men and women not organized by extension:

190. Number of such groups assisted during the year

191. Number in such groups (a) Different young men  
(b) Different young women

#### C. Individual young men and women not members of groups "A" or "B":

192. Number of different individuals assisted (a) Young men  
(b) Young women

#### D. Total number of young people worked with or assisted:

193. Number of different young people worked with or assisted. (Total of questions 186, 191, and 192 minus duplications due to membership in both groups "A" and "B") (a) Young men  
(b) Young women

194. Question discontinued.

<sup>1</sup> All data in this section are based on the number of different boys and girls participating in 4-H Club work, not on the number of 4-H projects carried.  
<sup>2</sup> Report the total number of different boys or girls enrolled in club work. This total should equal the sum of the project enrollments reported on page 13, minus duplications due to the same boy or girl carrying on two or more subject-matter lines of work. Do not include boys and girls enrolled late in the year in connection with the succeeding year's program.  
<sup>3</sup> Same as footnote 2, except that reference is to completion instead of enrollment.

MISCELLANEOUS

(Report here all work not properly included under any of the headings on preceding pages)

	Boys (c)	General-feder insects (d)	All other work (e)
195. Days devoted to line of work by—			
(1) Home demonstration agents			
(2) 4-H Club agents			10
(3) Agricultural agents			
(4) State extension workers			
196. Number of communities in which work was conducted this year			
197. Number of voluntary local leaders or committees assisting this year			
198. Question discontinued.			

COOPERATION WITH OTHER FEDERAL AGENCIES

The purpose of this report is to bring together in one place the cooperation given other Federal agencies working with the rural people of the county. It is assumed that all such work has been reported previously under appropriate problems of the farm or home.

	Assistant to Visitation (4)	U. S. D. A. Councils (5)	Farm Credit Administration (6)	Employment Service (6)	Production and Marketing Administration (6)	Soil Conservation Service (7)	Farmers Home Administration (9)	Rural Electrification Administration (A)	Tennessee Valley Authority (i)	Social Security, Public Health, Children's Bureau (7)	Other Agencies (k)
199. Days devoted to line of work by—											
(1) Home demonstration agents		12						3		10	2
(2) 4-H Club agents											
(3) Agricultural agents		40	1		5	8	2	1	5		2
(4) State extension workers											
200. Number of communities in which work was conducted this year		9						9		9	9
201. Number of voluntary local leaders or committees assisting this year		10								13	
202. Number of meetings participated in this year by extension workers		6						17		78	6

\* Exclude grasshoppers, armyworms, chinch bugs, and other insects not reported under specific crop or livestock headings.

16-2907-7

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## TERMINOLOGY

If extension reports are to convey the intended information, it is important that the terminology employed be that generally accepted by members of the extension teaching profession everywhere. Precise use of extension terms is an obligation each extension worker owes to the other members of his or her profession. The following definitions have been approved by the United States Department of Agriculture and by the Association of Land-Grant Colleges and Universities.

### DEFINITIONS OF EXTENSION TERMS

1. A *community* is a more or less well-defined group of rural people with common interests and problems. Such a group may include those within a township, trade area, or similar limits. For the purpose of this report, a community is one of the several units into which a county is divided for conducting organized extension work.
2. A *cooperator* is a farmer or homemaker who agrees to adopt certain recommended practices upon the solicitation of an extension worker. The work is not directly supervised by the extension agent, and records are not required, but reports on the success of the practices may be obtained.
3. *Days in field* should include all days spent on official duty other than "days in office."
4. *Days in office* should include time spent by the county extension agent in the office, at annual and other extension conferences, and on any other work directly related to office administration.
5. *Demonstrations* as contemplated in this report are of two kinds—method demonstrations and result demonstrations.  
A *method demonstration* is a demonstration given by an extension worker or other trained leader for the purpose of showing how to carry out a practice. Examples: Demonstrations of how to can fruits and vegetables, mix spray materials, and cull poultry.  
A *result demonstration* is a demonstration conducted by a farmer, homemaker, boy, or girl under the direct supervision of the extension worker, to show locally the value of a recommended practice. Such a demonstration involves a substantial period of time and records of results and comparisons, and is designed to teach others in addition to the person conducting the demonstration. Examples: Demonstrating that the application of fertilizer to cotton will result in more profitable yields, that underweight of certain children can be corrected through proper diet, that the use of certified seed in growing potatoes is a good investment, or that a large farm business results in a more efficient use of labor.  
The adoption of a farm or home practice resulting from a demonstration or other teaching activity employed by the extension worker as a means of teaching is not in itself a demonstration.
6. A *demonstration meeting* is a meeting held to give a method demonstration or to start, inspect, or further a result demonstration.
7. A *result demonstrator* is an adult, a boy, or a girl who conducts a result demonstration as defined above.
8. An *extension school* is a school usually of 2 to 6 days' duration, arranged by the Extension Service, where practical instruction is given to persons not resident at the college.
9. An *extension short course* differs from an extension school in that it is usually held at the college or another educational institution and usually for a longer period of time.
10. A *farm or home visit* is a call by the agent at a farm or home at which some definite information relating to extension work is given or obtained.
11. *Facts* (or families) *assisted this year* should include those directly or indirectly influenced by extension work to make some change during the report year as indicated by:
  - (1) Adoption of a recommended practice.
  - (2) Further improvement in a practice previously accepted.
  - (3) Participation in extension activities.
  - (4) Acceptance of leadership responsibility.
  - (5) Or by other evidence of desirable change in behavior.
12. A *4-H Club* is an organized group of boys and/or girls with the objectives of demonstrating improved practices in agriculture or home economics, and of providing desirable training for the members.
13. *4-H Club members enrolled* are those boys and girls who actually start the work outlined for the year.
14. *4-H Club members completing* are those boys and girls who satisfactorily finish the work outlined for the year.
15. A *project leader, local leader, or committeeman* is a person who, because of special interest and fitness, is selected to serve as a leader in advancing some phase of the local extension program. A project leader may be either an organization or a subject-matter leader.
16. A *leader-training meeting* is a meeting at which project leaders, local leaders, or committeemen are trained to carry on extension activities in their respective communities.
17. *Letters written* should include all original letters on official business. (Duplicated letters should not be included.)
18. An *office call* is a call in person by an individual or a group seeking agricultural or home-economics information, as a result of which some definite assistance or information is given. A telephone call differs from an office call in that the assistance or information is given or received by means of the telephone. Telephone calls may be either incoming or outgoing.
19. A *plan of work* is a definite outline of procedure for carrying out the different phases of the program. Such a plan provides specifically for the means to be used and the methods of using them. It also shows what, how much, when, and where the work is to be done.
20. An *extension program* is a statement of the specific projects to be undertaken by the extension agents during a year or a period of years.
21. *Records* consist of definite information on file in the county office that will enable the agent to verify the data on extension work included in this report.
22. Extension work with *young men and women* shall apply in general to those who are primarily rural and approximately 18 to 30 years of age. (Recommendation of Older Youth and Young Adult Planning Conference, Jackson's Mill, W. Va., February 21-25, 1949.)

CHECK SHEET FOR ANNUAL STATISTICAL REPORT FORM ES-21

Exhibit B

County Amelia

Year 1949

Type: White (X) Negro ( ) Combined ( )

Home Demonstration agents		4-H Club agents		Agricultural agents	
2(a) <u>153.5</u>	4(a) <u>74</u>	2(b) <u>155.5</u>	4(b) <u>66.5</u>	2(c) <u>257</u>	4(c) <u>129.5</u>
3(a) <u>116.5</u>	5(a) <u>196</u>	3(b) <u>108</u>	5(b) <u>197</u>	3(c) <u>35.5</u>	5(c) <u>183</u>
Total* <u>270</u>	Total* <u>270</u>	Total* <u>263.5</u>	Total* <u>253.5</u>	Total* <u>292.5</u>	Total* <u>292.5</u>
47a(1) <u>165.5</u>		47c(2) <u>45</u>		47c(3) <u>215</u>	
51(1) <u>5</u>		51(2) <u>56.5</u>		51(3) <u>98.5</u>	
55(2) <u>5</u>		55(2) <u>146.5</u>		55(3) <u>140.5</u>	
62(2) <u>5</u>		62(2) <u>9</u>		62(3) <u>15</u>	
70(1) <u>5</u>		70(2) <u>4</u>		70(3) <u>7</u>	
76(1) <u>6</u>		76(2) <u>5</u>		76(3) <u>5</u>	
83(1) <u>8</u>		83(2) <u>5</u>		83(3) <u>5</u>	
102(1) <u>16.5</u>		102(2) <u>2.5</u>		102(3) <u>5</u>	
112(1) <u>41</u>		112(2) <u>5</u>		112(3) <u>5</u>	
118(1) <u>34</u>		118(2) <u>5</u>		118(3) <u>5</u>	
195(1) <u>5</u>		195(2) <u>5</u>		195(3) <u>10</u>	
Total* <u>270</u>		Total* <u>263.5</u>		Total* <u>292.5</u>	

\*The above three totals must be identical

\*The above three totals must be identical

\*The above three totals must be identical

4-H CLUB MEMBERSHIP - page 14. Boys

176a <u>83</u>	178a <u>77</u>	Sum of 180a <u>84</u>	equals 174a <u>84</u>
177a <u>1</u>	179a <u>7</u>		
174a <u>84</u>	174a <u>84</u>	Sum of 181a <u>84</u>	equals 174a <u>84</u>

(\* Above four totals should be identical)

4-H CLUB MEMBERSHIP - page 14. Girls

176b <u>104</u>	178b <u>94</u>	Sum of 180b <u>104</u>	equals 174b <u>104</u>
177b <u>5</u>	179b <u>10</u>		
174b <u>104</u>	174b <u>104</u>	Sum of 181b <u>104</u>	equals 174b <u>104</u>

(\* Above four totals should be identical)

WORK WITH YOUNG MEN AND WOMEN (OLDER RURAL YOUTH) - page 14. Young men

187(1)a _____	187(1)d _____	: 186a _____	
187(1)b _____	187(1)e _____	: 191a _____	
187(1)c _____	187(1)f _____	: 192a _____	
186a _____	*186a _____	: Total _____	equals or is greater than
		: 193a _____	

(\* Above two totals should be identical)

WORK WITH YOUNG MEN AND WOMEN (OLDER RURAL YOUTH) - page 14. Young women

187(2)a _____	187(2)d _____	: 186b _____	
187(2)b _____	187(2)e _____	: 191b _____	
187(2)c _____	187(2)f _____	: 192b _____	
186b _____	*186b _____	: Total _____	equals or is greater than
		: 193b _____	

(\* The above two totals should be identical)

CONSISTENCY OF REPORT

If correct (✓)

- Page 3. Items 6 through 20, column d is not greater than the sum of column (a) plus column (b) plus column (c) and is not less than column (a), or column (b) or column (c). . . . . (✓)
- Item 7, column (a), (b), (c) or (d) is not greater than Item 6, column (a), (b), (c) or (d) . . . . . (✓)
- Page 4. Item 22 is not greater than item 21 . . . . . (✓)
- Item 23 is not greater than item 22 . . . . . (✓)
- Item 26 is not greater than item 25 . . . . . (✓)
- Item 28 is not greater than item 27 . . . . . (✓)
- Item 22 plus item 25 plus item 29 equals or is greater than item 31 . . . . . (✓)
- Item 24 plus item 27 plus item 30 equals or is greater than item 32 . . . . . (✓)
- Page 5. The sum of item 34 is not greater than the sum of item 41 . . . . . (✓)
- The number of leaders reported for any project does not exceed item 41 . . . . . (✓)
- The total number of leaders reported for all projects is not less than item 41 . . . . . (✓)
- Item 36 does not exceed item 35, nor does the number of communities reported for any item exceed item 35 . . . . . (✓)
- Item 33 is filled in if item 37 is filled in. . . . . (✓)
- Pages 6-12 If days devoted are shown, number of communities should be shown. (✓)
- Page 9 Item 88 is filled in if item 86 or item 87 is filled in . . . . . (✓)
- Page 12 Item 123 is filled in if item 124 is filled in. . . . . (✓)
- Page 13 Column (c) for items 138 through 172 does not exceed column (a) . . . . . (✓)
- Column (d) for items 138 through 172 does not exceed column (b) . . . . . (✓)
- When column (c) or column (d) shows boys or girls completing a project, column (c) should be filled in for that project except for xxx . . . . . (✓)
- Item 172 column (a) equals or is greater than item 174(a) . . . . . (✓)
- Item 172 column (b) equals or is greater than item 174(b) . . . . . (✓)
- Item 172 column (c) equals or is greater than item 175(a) . . . . . (✓)
- Item 172 column (d) equals or is greater than item 175(b) . . . . . (✓)
- Page 14 Item 182 - None of the subheads (a) through (k) is greater than the sum of items 174(a) plus 174(b) - (number of members enrolled) . . . . . (✓)
- Item 183 is not greater than item 174(a) plus 174(b) . . . . . (✓)
- Item 184 is not greater than item 173 . . . . . (✓)

We hereby certify that we have checked the items on this sheet with the items in Form ES-21.

L. J. Wood  
County Agent

Mary J. Williams  
Home Demonstration Agent

Attach one signed copy of this check sheet to ES-21, Statistical Report.

CHECK SHEET FOR ANNUAL STATISTICAL REPORT FORM ES-21

Exhibit B

County Amelia

Year 1949

Type: White (X) Negro ( ) Combined ( )

Home Demonstration agents		4-H Club agents		Agricultural agents	
2(a) <u>183.5</u>	4(a) <u>74</u>	2(b) <u>155.5</u>	4(b) <u>56.5</u>	2(c) <u>267</u>	4(e) <u>129.5</u>
3(a) <u>118.5</u>	5(a) <u>196</u>	3(b) <u>108</u>	5(b) <u>197</u>	3(c) <u>36.5</u>	5(c) <u>183</u>
Total* <u>270</u>	Total* <u>270</u>	Total* <u>265.5</u>	Total* <u>253.5</u>	Total* <u>292.5</u>	Total* <u>292.5</u>
47c(1) <u>165.5</u>		47c(2) <u>45</u>		47c(3) <u>215</u>	
51(1)		51(2) <u>56.5</u>		51(3) <u>95.5</u>	
55(1)		55(2) <u>145.5</u>		55(3) <u>140.5</u>	
62(1)		62(2) <u>9</u>		62(3) <u>15</u>	
70(1)		70(2) <u>4</u>		70(3) <u>7</u>	
76(1) <u>8</u>		76(2)		76(3)	
83(1) <u>8</u>		83(2)		83(3)	
102(1) <u>15.5</u>		102(2) <u>2.5</u>		102(3)	
112(1) <u>41</u>		112(2)		112(3)	
118(1) <u>34</u>		118(2)		118(3)	
195(1)		195(2)		195(3) <u>10</u>	
Total* <u>270</u>		Total* <u>253.5</u>		Total* <u>292.5</u>	

\*The above three totals must be identical

\*The above three totals must be identical

\*The above three totals must be identical

4-H CLUB MEMBERSHIP - page 14. Boys

176a <u>85</u>	178a <u>77</u>	Sum of 180a <u>84</u>	equals 174a <u>84</u>
177a <u>1</u>	179a <u>7</u>		
174a <u>84</u>	174a <u>84</u>	Sum of 181a <u>84</u>	equals 174a <u>84</u>

(\* Above four totals should be identical)

4-H CLUB MEMBERSHIP - page 14. Girls

176b <u>104</u>	178b <u>94</u>	Sum of 180b <u>104</u>	equals 174b <u>104</u>
177b	179b <u>10</u>		
174b <u>104</u>	174b <u>104</u>	Sum of 181b <u>104</u>	equals 174b <u>104</u>

(\* Above four totals should be identical)

WORK WITH YOUNG MEN AND WOMEN (OLDER RURAL YOUTH) - page 14. Young men

187(1)a	187(1)d	: 186a	
187(1)b	187(1)e	: 191a	
187(1)c	187(1)f	: 192a	
186a	186a	: Total	equals or is greater than
		: 193a	

(\* Above two totals should be identical)

WORK WITH YOUNG MEN AND WOMEN (OLDER RURAL YOUTH) - page 14. Young women

187(2)a	187(2)d	: 186b	
187(2)b	187(2)e	: 191b	
187(2)c	187(2)f	: 192b	
186b	186b	: Total	equals or is greater than
		: 193b	

(\* The above two totals should be identical)

CONSISTENCY OF REPORT

If correct (-)

- Page 3. Items 6 through 20, column d is not greater than the sum of column (a) plus column (b) plus column (c) and is not less than column (a), or column (b) or column (c). . . . . (x)
- Item 7, column (a), (b), (c) or (d) is not greater than Item 6, column (a), (b), (c) or (d) . . . . . (x)
- Page 4. Item 22 is not greater than item 21 . . . . . (x)
- Item 23 is not greater than item 22 . . . . . (x)
- Item 26 is not greater than item 25 . . . . . (x)
- Item 28 is not greater than item 27 . . . . . (x)
- Item 22 plus item 25 plus item 29 equals or is greater than item 31 . . . . . (x)
- Item 24 plus item 27 plus item 30 equals or is greater than item 32 . . . . . (x)
- Page 5. The sum of item 34 is not greater than the sum of item 41 . . . . . (x)
- The number of leaders reported for any project does not exceed item 41 . . . . . (x)
- The total number of leaders reported for all projects is not less than item 41 . . . . . (x)
- Item 36 does not exceed item 35, nor does the number of communities reported for any item exceed item 35 . . . . . (x)
- Item 38 is filled in if item 39 is filled in. . . . . (x)
- Pages 6-12 If days devoted are shown, number of communities should be shown. (x)
- Page 9 Item 38 is filled in if item 36 or item 37 is filled in . . . . . (x)
- Page 12 Item 123 is filled in if item 124 is filled in. . . . . (x)
- Page 13 Column (c) for items 138 through 172 does not exceed column (a) . . . . . (x)
- Column (d) for items 138 through 172 does not exceed column (b) . . . . . (x)
- When column (c) or column (d) shows boys or girls completing a project, column (e) should be filled in for that project except for xxx . . . . . (x)
- Item 172 column (a) equals or is greater than item 174(a) . . . . . (x)
- Item 172 column (b) equals or is greater than item 174(b) . . . . . (x)
- Item 172 column (c) equals or is greater than item 175(a) . . . . . (x)
- Item 172 column (d) equals or is greater than item 175(b) . . . . . (x)
- Page 14 Item 182 - None of the subheads (a) through (k) is greater than the sum of items 174(a) plus 174(b) - (number of members enrolled) . . . . . (x)
- Item 183 is not greater than item 174(a) plus 174(b) . . . . . (x)
- Item 184 is not greater than item 173 . . . . . (x)

We hereby certify that we have checked the items on this sheet with the items in Form ES-21.

*E. L. Wood*  
County Agent

*Marie J. Williams*  
Home Demonstration Agent

Attach one signed copy of this check sheet to ES-21, Statistical Report.

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ANNUAL NARRATIVE REPORT

COUNTY AGENT'S WORK

AMELIA COUNTY

VIRGINIA

1949 -

E. L. Wood

County Farm Agent

M. L. Bailey, Assistant Agent

Jean W. Beames, Stenographer

December 1, 1948 - November 30, 1949

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III. COUNTY ORGANIZATION

The purpose and goal of the county organization is to have sufficient organization of Professional Workers to plan a Unified Program on a Technical Level. Then, have sufficient organization of farm people to plan a complete Farm and Home Program for the county to carry this program to each farm, farm home, each urban family and business establishment in the county.

Our U. S. F. A. Council, or Professional Workers Council is our Technical Staff. They meet several times during the year. The County Board of Agriculture has never been completed, as first planned. However, we do have several of the committees functioning well. The following committees were planned in March:

- 1. Home Planning Committee
- 2. Agricultural Committee

- A. Dairy
- B. Beef
- C. Soil Conservation
- D. Agronomy
- E. Forestry

- 3. Rural Youth
- 4. Educational
- 5. Health and Welfare

The Home Demonstration Committee is now the Home Planning Committee. It has not been reorganized. Four out of five of the subdivisions of the Agricultural Committee are still functioning as of last year, but have not been reorganized under the new plan. The other three committees exist, such as 4-H Club Council, that are doing a good job. Educational, Health and Welfare have not been active in the county planning.

We have worked with the Colored Agricultural Advisory Board several times during the year in their planning meetings. Their program has been coordinated along with the county plan. The local colored farm agent is a member of our Professional Workers Council. This keeps him informed as well

as the white professional workers.

The 4-H Club County Council, which consists of the officers and leaders of each community club, meets at least twice during the year and plan the 4-H club program.

The County Dairy Herd Improvement Association is an affiliate of the Virginia Dairy Herd Improvement Association, Inc. We have included in our association both testing and non-testing members. They plan our dairy program, as the board of directors is used as our dairy committee.

We have a Beef Cattle Association with a very nice membership. The Board of Directors of the Association is used as the Beef Cattle Committee and they plan our Beef Cattle Program.

The Dairy Herd Improvement Association and Beef Association is incorporated as The Amelia Livestock Improvement Association and sponsor our shows, sales, etc., both 4-H Club and Adult. They have twenty or more acres of land and necessary building to hold our shows and sales. Better than six hundred dollars were awarded in prize money this year for the 4-H Club and Adult Shows.

We have twenty two members of the Hottoway Artificial Breeding Association. This Association serves only one side of the county. We have one member on the board of directors. We have attended several of the meetings and promoted the development of this program.

The county agent and a committee from Powhatan have been working with our committee to organize another association to serve Powhatan County and the rest of Amelia County. We have nearly four hundred cows signed up in this county.

IV. TYPE OF AGRICULTURE

Those traveling through Amelia County say, "Amelia County has made the greatest progress of any county in Virginia during the past 10 to 12 years."

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They claim, "The broom-sage fields and eroded hillsides have been transformed into red clover fields, alfalfa fields and good pastures spotted with dairy or beef cattle". They also say, "No other county in Southside Virginia is keeping pace with this rapid change from tobacco to livestock". For proof, or example, I can take you to the center of a once-great-flue-tobacco community where you will find five Grade A milk shippers so close together that you can see all five barns from the center of the group.

We have a flue tobacco allotment this year of 1305 acres with only 1113.2 acres planted. A dark-fired allotment of 441.4 with only 385.1 acres planted. The total of these allotments is 1746.4 acres with 1498.3 acres planted, leaving 248.1 acres of the allotments not planted. You will find that where a full allotment was not planted, most of the farmers have gone into dairy business.

The dairy plant in Amelia, owned by a Norfolk Distributor, has received better than 7500 gallons of milk a day from Amelia and surrounding counties. This plant and equipment represents an investment of nearly a half million dollars. All of our farmers shipping A grade milk either have, or have made application for a milk base on the Norfolk Market with about 175 shipping cooler grade milk.

The Beef Cattle Farms, as well as beef cattle numbers, have increased again this year. We have made excellent progress in improving the quality of our cattle by a few farmers purchasing excellent breeding stock for the past few years and spreading their bull calves over the county as herd sires. We have four breeders and about seventy beef producers in the county.

This rapid increase in cattle has naturally made it hard for the agronomy committee and the Extension Service to get sufficient pastures, home grown grain and hay seeded to properly and economically feed this increased number of cattle. This improved considerable during the year of 1940.

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The number of general farmers and self-sufficing farms is about the same and represent about 1/6 to 1/5 of our farms.

#### V. PROJECT ACTIVITIES

##### a. Agronomy

The development in livestock is changing the agriculture of the county; therefore, the agronomy program is of major importance.

The agronomy committee of the County Board of Agriculture met in November 1948 and outlined a program for the county. Before this meeting we had Mr. P. H. DePart, Agronomist of the Virginia Agricultural Extension Service, visit the county and study a part of our agronomy problems on the farms. Soil samples had been taken and we had the lime and fertilizer recommendations before the visit was made. Then, Mr. DePart and the Soil Conservationist met with our committee and worked out a program to meet our agronomy needs.

The most important phase of our agronomy program is the development of ample pasture for our livestock. When planning a program on a county basis, or farm basis, improving our pastures is always first in our plan and usually our big problem.

The pasture program in Amelia County has made excellent progress during the past few years; 1948 being our best, we estimate better than 4000 acres of ladino clover and orchard grass pasture developed in the county. Most of this acreage is receiving sufficient fertilizer and lime for higher yields. Three demonstrations were planned this year in cooperation with the North Carolina - Virginia Plant Institute, using 1000 pounds of fertilizer per acre. Two were completed; the third will be completed by another year. We want them located as near the center of each congressional district as possible, with a good cooperator and located on a main highway, which has not been too easy to do. We have tried to get a good balance in acreage of

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permanent pasture mixtures, ladino clover, orchard grass, and supplementary pastures to give the longest possible grazing period. The acreage of winter pastures has multiplied several times during the past few years. You will find a fair acreage of winter pasture on nearly every dairy and beef cattle farm in the county this winter. The ratio between livestock and pasture is much narrower than a year ago and rapidly approaching a fair balance.

The T. V. A. Demonstrators have served as good demonstrators in the use of phosphate and lime on pastures, but they have also shown that phosphate and lime is not sufficient for the best pastures.

In our plan of work we have as our goal, "Enough Alfalfa on Every Farm in the County that has Soil Suitable for the Production of Alfalfa; to Furnish Alfalfa for All the Cattle on Each Farm". Although we are a long way short of this goal, we have had considerable increase in number of farms growing alfalfa, as well as increase in acreage on other farms.

This part of our program has received a lot of educational work such as: radio talks, talks by specialist, talks to a number of farm groups and veterans classes. Soil samples have been taken on 99 percent of all fields and recommendations given in accordance with the needs as shown from the soil samples. Farmers have been urged to use 1000 pounds, or more fertilizer per acre at time of seeding and the needed lime, with half of each plowed down, the other half used at the time of seeding. The use of more fertilizer, as an annual top dressing, has been more universal this year than ever before. We have had alfalfa problems such as German moss and chick weed crowding out stands. We have tried to find a means of controlling these weeds. A demonstration using 2-4 D was tried by a farmer. This demonstration resulted in killing most of the alfalfa. This winter we are trying to control German moss

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and chick weed by running a weeder over the field frequently from fall 'til spring. The Experiment Station needs to give us some safe method of controlling this alfalfa pest.

We have had stands of alfalfa, both old and new, to get spotty. Mr. G. B. Mathews and Mr. F. E. Bellart have both visited farms in the county to try and find the origin of the trouble. We hope to solve some of them.

○ In our educational program on alfalfa, we must have done an excellent job on the value of using the recommended varieties of seed judging from the number of phone and office calls received when certified Common Kansas-Green seed were not available.

Considerable time and educational work has been done on cutting hay at the proper stage of maturity, proper harvesting and curing. The quality of hay produced in Smith has improved considerably during the past two years. This has been promoted also by more mechanical hay dryers and more up to date haying equipment such as hay balers, loaders, conveyers, etc.

For small grain our goal is, "To Produce All Our Grain Seeds for the County". We are not doing it yet and it will be a long time before we will, but the acreage is increasing annually. The acreage of spring oats was about doubled this year over last year. There was an increase in barley acreage, wheat and fall-seeded oats. Farmers are using the latest recommended varieties and fertilization recommendations which are giving higher yields. We put on a very extensive educational program on small grain production. Each farmer received a list of the variety recommendations. Several talks were given on the radio. Posters were posted in all warehouses of seed dealers and most of the county stores. Getting the seed dealers to our District Meeting and visiting our Experiment Station was a big help because it was easier to get them to stock the best seeds.

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We had three corn fertilization demonstrations this year that were well located and we hope did a lot to show that good yields could be made on soils of average, or below average fertility when properly fertilized.

The 100 bushel corn club had thirty nine members, but we had very few high yields. The highest was 103 bushels to the acre. A drought that caught corn about the time it began to make, followed by a storm that wisted and blew corn over before the corn had made, gave a large percent of undeveloped spungy kernels. Nearly all farmers used the recommended varieties of hybrid corn and fertilized near to our recommendations than ever before.

All tobacco farmers were furnished a list of recommended varieties of tobacco. They were furnished information on blue mold control by mail, radio talks and in local meetings. Information on wilt resistant varieties was discussed in the community where this disease has caused considerable damage. A number of tobacco fields were visited that were infested with wilt and black shank. We worked with the soil conservation personnel in getting contour tillage on several tobacco farms.

We held a grading and sorting demonstration in cooperation with the Specialist and the Virginia Dark-Fired Tobacco Growers Marketing Association, Incorporated, showing the value of fluorescent lights and proper grading of tobacco.

A large percent of our time is used in planning farm plans. This varies from just a few changes to a complete farm plan, including new field arrangements, crop acreages, pastures and livestock adjustments, advice on varieties of seed, seed mixtures, fertilizers, lime, soil conservation practices, etc. This work is done with the Soil Conservation Service Technician. More of my time could be used to a great advantage in this type of work in the county.

b. Dairying

The Dairy Program in Amelia County is very important and is at the point where a lot of help and guidance is needed. When about 200 farmers change from tobacco and other types of farming in about five years they need a lot of assistance. They need it in breeding, feeding, management, selecting replacements from calves, or when buying replacements, as well as many other problems.

We have organized our county Dairy Herd Improvement Association and have a full time tester, with 23 herds being tested. The Amelia County D. H. I. Association represents all dairy farmers in the county with a group known as testing members and a group of non-testing members. The seven directors of this group is the dairy committee of the County Board of Agriculture and all of the county dairy programs are handled by this group, except the Artificial Breeding. They work up the dairy plan of work or program for the year, and then help put the program over in the county.

We have not gotten telephone coverage sufficient to organize a County Artificial Breeding Association, but we have 177 cows signed up from 22 herds in the county that are using the Kottoway Artificial Breeding Association, which I have worked with very closely.

The county agent has discussed association problems with the dairy members and directors of the Richmond Milk Producers Association that live in the county.

A number of meetings were called and I served on the committee with a group of dairy farmers from Southside Virginia to help get milk bases for our Norfolk Grade A milk shippers. About 77 farmers in Southside Virginia either have or will soon have a base. These farmers have been organized under the name of "The Southside Cooperative Milk Producers Association, Inc.,

with 37 members. We held a number of meetings in organizing. We attended a hearing in Norfolk on milk prices. We prepared a manuscript and employed a lawyer to conduct a hearing with the State Milk Commission to get the cost of processing our milk at the receiving station in Amelia and cost of hauling the milk to Norfolk removed. This hearing was held on November 3, 1946, but a decision has not been rendered as yet. This charge was 35¢ and 30¢, respectively. We asked that they be taken off.

We have assisted a number of farmers in buying herd replacements for fall production. Have attended a number of sales and visited a number of farms to look at cows. Breeding dairy cows for higher fall production has been used as a radio topic, news articles and talks at dairy meetings. A number of farmers have been assisted in selecting and buying better bulls and artificial breeding of dairy cows.

We are trying to organize an artificial breeding association with Powhatan County that will reach all farms outside the area covered by the Nettoway Association. About 400 cows have been signed up.

As general manager of our Livestock Show I succeeded in helping the Amelia Livestock Association, Inc., in putting on a first class 4-H club dairy show and an open dairy show.

Realizing that too many farmers were not doing too good a job on raising dairy calves, we had Mr. Connelly to meet with our dairymen and discuss proper feeding and management of dairy calves. Each dairymen was furnished a mimeographed copy of the Circular No. 1, "Proper Feeding and Care For Rapid Growth in Calves".

We held a method demonstration with about 250 people attending and had a specialist to take a dairy cow and demonstrate what to look for in a good dairy cow, the night after our dairy show.

### e. Beef Cattle and Other Livestock

The beef cattle program is planned by the beef cattle committee which is the directors of the Beef Cattle Association. They planned to hold four educational meetings this year. Only three were held. First, the annual meeting held last winter with a program on beef cattle production. The committee met several times and planned a beef cattle clinic. This was very successful. Mr. H. L. Dalton met with us and talked on "A Good Beef Cattle Program for Amelia County". Better than one hundred people were present at the meeting, including invited guest. Then, in October we held our Beef Cattle Show with 32 entries and a two day show was put on with about 400 people attending. We held a demonstration during our show with Mr. Mast showing what to look for in selecting a beef animal. They are planning to hold a spring sale and want to get up a county show herd to exhibit at the Atlantic Rural Exposition another year.

I attended several sales during the year and helped select herd sires and females. I went to Mississippi with two farmers who helped select a bull calf that they paid \$4000 for. The specialist from Blacksburg and many other well informed cattle people say that Amelia has made great progress in improving their beef cattle. I have taken part in selecting and placing seven herd bulls and 24 other registered beef animals this year.

We have worked with the beef cattle producers in their agronomy program, feeding, management, tattooing, registering and vaccination of animals.

Commercial hog raisers in Amelia are few. Most of the hogs are raised for the home meat supply. Our work with hogs has been in radio talks and circular letters on internal and external parasite control; feeding, pastures and vaccination for hog cholera.

We have done a good job of getting the breeding program improved through our 4-H Club registered pig chain. This is rather general and recognized

by a major portion of our farmers.

Sheep flock have decreased, but with twenty 500 flocks remaining we have furnished them with information on parasite control, proper feeding, breeding and helped in cooperative shipment of wool.

#### d. Poultry

Commercial poultry flocks have increased in the county during the year. Plans for a number of laying houses have been furnished for both commercial and home flocks. We have a total of five farm flock demonstrators in the county where flock raising, culling and other demonstrations were held during the year.

Poultry has been used as radio topics such as, ordering baby chicks and getting the brooder ready before their arrival, culling for high production and better management and feeding of farm flocks.

We have had two fowl pox vaccinating demonstrations. During the spring we had an outbreak of new castic disease and helped in getting vaccine and vaccinating for the disease. Outlook information has been furnished to a number of people going into poultry business. Coccidiosis and other diseases have been as usual, causing a lot of trouble and frequent farm visits. Most of these diseases can be traced to poor housing conditions and ungenitary conditions. We have accomplished a lot in improving farm flock poultry houses.

The few turkey raisers have been assisted in many ways such as, house plans, feeding, disease control, etc.

#### e. Horticulture and Home Garden

Several Method Demonstrations on pruning were conducted by the county agent on apples, peaches and grapes. Several farmers were advised in kind and varieties of fruit trees to buy for home orchards and assisted in planting and pruning the trees. Spray programs for fruit growers were

mailed to all of the home orchardist that spray their orchards. The timely spray cards were mailed out each month.

Several farmers were advised on strawberries, varieties and cultural practices.

A number of home owners were assisted in selecting and planting shrubs. Also, in the control of bag worms, cotton aphids and other insects and diseases of flowers and shrubs.

Vegetable production in this county is confined to home gardens. "Better Home Gardens on Every Farm", was our motto. This was discussed and adopted by the County U. S. D. Council and the County Board of Agriculture. All professional workers were urged and they agreed to promote better gardens in 1949.

The news papers, radio, adult meeting and 4-H Club meetings were used to put this program over. An effort was made to get better quality seed stocked by the merchants and seed dealers. Posters showing the recommended varieties of vegetables, with the rate of planting, distance between rows, etc., are still posted in the stores and they were used by the farmers and the merchants.

#### f. Extension T.V.A. Demonstrators

Eight demonstrators were continued in 1949, some were dropped or added. Plans are now being worked for the 1950 order of phosphate, at which time one or more of the demonstrators will be dropped. Pasture coops were placed on the pastures of six of the eight demonstrators. Clippings were made and turned in on three sets of coops. The results showed 15 % more pasture grown on the phosphated area. The average weight was 2.8 pounds on the treated pasture and 2.15 pounds on the untreated area per square yard.

We have followed through on the new plans worked out last year with a number of adjustments in pasture and crop acreages. We did not receive any phosphate in 1949, and, as usual, it results in poorer cooperation by a part of the demonstrators. Sometimes I question the value of continuing these demonstrations when we are recommending phosphate and potash as pasture fertilizer. I do not mean to be critical because these demonstrations have really helped to put over our pasture program in the past. But they are not complete when using only phosphate. I wish we could get the potash to bring our demonstration in line with the latest pasture recommendations.

#### g. Cooperatives

We have worked with the Amelia Livestock Improvement Association, Inc. They elected me as General Manager of the Dairy and Beef Cattle Shows. This is the organization that sponsors our 4-H Club Shows, and form my Dairy and Beef Cattle Committees.

The Amelia Dairy Herd Improvement Association is a member of the Virginia Federation of Dairy Herd Improvement Associations, Inc. We have a full time county checker, testing 21 herds in the county. We dropped 4 herds in Prince Edward County and added 3 in Amelia County. We have had several news articles on the results of our result demonstration. I have used the information in radio talks and discussed the records with most of the owners and assisted in culling, breeding and feeding their herds.

We have 25 breeders in the Hottoway Breeding Association, Inc., with 177 cows signed up. We have bred cows for 3 non-members and 4-H Club boys. I have attended several meetings and helped with their program. Last spring we had an Artificial Calf Show in Blackstone. Amelia County farmers had several calves in the show and took the grand champion guernsey honors, as well as first and second place in the Senior Calf Class.

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We have helped organize the Southside Cooperative Milk Producers Association, Inc. Considerable time was spent working and meeting with the Norfolk Milk Shippers of Southside Virginia. We have kept up with the membership and assisted them in getting Milk Bases on the Norfolk Market. Went with them to Norfolk to the hearing called by the State Milk Commission to adjust milk prices on the Norfolk Market. Assisted and advised in getting a hearing before the State Milk Commission to get charges made by Birtcherd Deice reduced.

The Southern States Amia Cooperative, Inc., feed and seed store, has been very cooperative. They have tried to stock all recommended varieties of seed at my request, stock fertilizer according to our recommendations and attended our demonstrations, meetings, field trips, etc.

Work with the Rural Electrification Administration has been very little as our county has been completely electrified except for an occasional home wire line available.

We have cooperated with the Virginia Dark-Fired Tobacco Association with their annual meeting, educational program and conducting a grading and sorting demonstration, using fluorescent lighting.

#### h. Farm labor

Farm labor has been secured for nine farmers. Seven D. O. families have been located in the county by various agencies. These families had a total of 31 persons.

#### i. Forestry

Better Forestry Management has been used in one radio talk. Several farmers were assisted in ordering pine seedlings. We have cooperated with the Suritan Club in working up a forestry program.

The Soil Conservation Service has helped with the forestry work and

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several farms have been cruised for marketing.

j. Guidance Program  
for Veterans

I have met the Veterans classes several times and brought them up to date on the county consignment program. They are represented on our planning committees. I have assisted in getting farms for several tenants, assisted in obtaining the proper credit and located farm labor. They have a Veterans Cooperative which is a member and have assisted in many ways. They have attended all county demonstrations and the Experiment Station Field Trips.

VI. 4-H CLUBS

There is a total of nine 4-H Clubs in Amelia County. Eight of these nine clubs are held in cooperation with the schools during school hours. The other club is held on a community basis in Mattox.

The Hamboro Community Club decided in September to discontinue holding meetings during the current school session. The club felt that this action was justified since all members could attend a club at school. The problem of transporting the club members to the meetings at night is very serious since the members live in a wide, thinly settled radius. The club plans to resume its meetings next year during the non-school months.

Our last county council meeting was held in October. At this meeting goals were set up for the county 4-H clubs and plans were made for the coming year of club work. The goals and plans as set up by the council are:

1. Young and new members be taught how to fill out their record books.
  2. Officers and members should encourage more members to attend the club meetings.
  3. Have one special meeting in which each member try to bring a new member.
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4. Where possible, have at least one social event in each club.
5. Each club have a community project.
6. Encourage more people to attend the State Short Course and 4-H Camp Farrar. It was also suggested that picture slides taken at camp be shown to all clubs to familiarise club members with the various activities of camp.
7. Each club publicize its activities through newspapers, radio and special program.
8. The county council to sponsor an achievement day with project exhibits in 1950.
9. Have a special county 4-H trip such as a tour of the Atlantic Rural Exposition.
10. Strive to enlist an active leader for each club. 4-H leaders and members should strive to increase the interest of parents in club activities.

The suggested program for the school year of 1950 as set up by the council is as follows:

- November - Parliamentary Procedure.
- December - Christmas Program.
- January - Safety on the Highway and at School.
- February - Manners.
- March - Nature Study.
- April - Easter Program.
- May - Safety on the Farm and in the Home.
- June - Program on 4-H Camp and State Short Course

We have two outstanding men club leaders in the Huttox Community Club. These men help with project instruction and other club activities. Aside from the above mentioned leaders, we have two additional men who act as dairy project leaders for the entire county. These men have, and will continue to attend the dairy leaders inspection periods which are held on a semi-district basis. The leaders will in turn bring this information to all of the dairy members in the county. These meetings will be held on a county wide basis at the same time veterans classes are held. The boys will be able to ride with the veterans, thus easing the transportation problem.

### Project Work

During 1948, it has been the goal of the agents to improve the quality of the projects rather than stressing quantity. There were a total of 84 boys enrolled in 105 projects. These projects were broken down as follows: Corn, 20; Tobacco, 2; Garden, 12; Pigs, 4; Dairy Calf, 17; Dairy Heifer, 2; Cow and Calf, 2; Breeding Pig, 5; Sow and Litter, 8; Rat Pig, 10; Sheep, 1; Poultry, 5; Tractor Maintenance, 1; Rural Electrification, 2; and Soil Conservation, 3. There were seventy percent of the projects completed.

In helping boys select their projects, we have strongly suggested they take one of the various livestock projects. It is our belief that this type of project will create more interest in the projects, will have more of a lasting value to the club member, and to his family, and hold them in club work longer.

In the annual livestock show held in Amelia County, 4-H dairy club members won a total of \$90.00. The 4-H beef club members won a total of \$137.50 in the same show. This money was won in open competition with adult farmers, as well as in the various 4-H classes. It is felt that the club members contributed greatly to the outstanding success of this show. In conducting these types of livestock projects, we have found boys take more pride and realize more from them than any other type of project. This work also has helped to improve the quality of livestock in Amelia County.

The Sears Roebuck Foundation Sponsored Pig Chain was very successful. The reporting members won a total of \$100. The boys were very successful in raising their litters. On an average, there were approximately ten pigs raised per litter. Most of these pigs were sold at weaning age for an average of \$15 per head.

The various crop and garden projects were carried out with good success. The products from these projects were exhibited at our Achievement Program.

For the first time in this county, projects in Soil Conservation and Tractor Maintenance were conducted.

The Soil Conservation Projects were conducted in cooperation with the Soil Conservation Service and, on a whole, the Projects were very successful.

We found the Tractor Maintenance project to be very helpful to the boys. This project consisted mainly of class instruction and the care and maintenance of the home tractor. The classes were conducted by representatives of various farm machinery companies in a local dealers implement shop.

#### Achievements

An Achievement Program was held in the local high school auditorium. The evening program was conducted mainly by the club members. The boys had various crop, garden, and poultry commodities on exhibit for the crowd of approximately 190 people to inspect.

The Amelia Livestock Improvement Association's annual cattle show was held October 14-15. As I have mentioned before, 4-H club members took a total of \$96.50 of prize money in the dairy classes and \$137.50 in the beef classes.

Amelia County 4-H and F. F. A. club members were very fortunate in that Mr. Asa T. Ward, a former Amelia resident, donated \$2000 to be used as prize money for the next ten years. With this money and additional funds from the county and Livestock Improvement Association, we were able to offer good prizes. This money has proven an inducement for club members to do good work.

Four boys and the assistant agent attended the annual State Short Course. This, as usual, was well worthwhile.

Ten boys from the county attended the 4-H Camp at Parris, Virginia Beach, Virginia. This camp has an ideal location, good facilities, and was well conducted. This camp has stimulated more interest and enthusiasm than the old camp at James town, Virginia. Mr. E. L. Wood, Amelia County Agent, was director at camp for the week our district attended.

An educational tour of the Atlantic Rural Exposition was conducted with 88 boys and girls attending. Five leaders, other than the agents, made the trip to help conduct the tour.

Rural Life Sunday was observed in the Manassas Community on May 22. Part of the program was presented by the club members and the minister preached a sermon on the responsibility of Rural youth to their community. There were four denominations represented with good attendance.

There were 5 radio programs in which 4-H members took part. A number of other radio programs were devoted to 4-H work and activities.

National 4-H week was observed in the county during March. Bulletin Boards were prepared in 4 schools and one window display was made in one of the local stores. This is an effective tool in publicizing 4-H work.

County contests were conducted with worthy winners of the various projects named. These medals were presented at the Achievement Day Program. There were no state winners from this county.

VII. U. S. D. A. COUNCIL

The County Council had four meetings during the past twelve months. They adopted the objective of, "Consolidating the Committees in the County, Working with the Different Agricultural Agencies under the Amelia County Board of Agriculture".

A committee was appointed to plan a mass meeting of a representative group of all existing committees and professional workers. This meeting was planned as a dinner meeting and Mr. E. L. Rummel met with us. The plan was discussed and adopted. A committee was appointed to set up the County Board, which has not been done. A new chairman was selected for this committee at our November meeting and I hope the organization will be completed.

The U. S. F. A. Council has done nothing else but discuss the different county programs. This organization is incomplete as now set up and should be discontinued and a County Council set up representing all agencies and not just U. S. F. A. agencies. We invite others in, but when they are not allowed to vote they differ and usually stop attending.

VIII. COOPERATION WITH THE PRODUCTION AND MARKETING ADMINISTRATION

The County Agent has attended to Committee Meeting when possible. He tried to help in the planning of the Soil Conservation Program, assisted in selecting F. M. A. candidates for committees. The F. M. A. program has been discussed at community meetings, veterans classes and county meetings. The chief clerk has been given parts of several county meetings to discuss different phases of the F. M. A. work. Timely topics of the program has been presented on the radio program as news articles.

The F. M. A. program has been discussed with a large percent of the farmers in my office and on their farms. We have advised them on the use of grant of aid materials, loan wheat, barley and soybeans, assisted in tobacco referendum and adjusting tobacco allotments. The wheat program was given special publicity by newspapers and radio, also meetings.

We got 15 cars of surplus Irish potatoes and put them out to the farmers. This program was well taken by the farmers of Amelia County.

### IX. COOPERATION WITH OTHER AGENCIES

The local banker has been very cooperative with the county extension program. The county agent was extended an invitation to the Farmers-Bankers Convention. Both expenses paid. Sorry I was unable to attend. I have met with the bank directors several times and discussed with them several problems. A number of borrowers have been directed to the local bank and all new farmers requested to do business with the local bank. The local bank is always recommended first to a farmer seeking a loan.

The Production Credit Association has been very active in the county again this year. Their number of loans have increased many times during the past two years. I have worked very close with them and helped in a number of cases. A number of borrowers have been to them for loans.

The Farmers' Home Administration does very little business in the county as compared to past years. The county office was closed in 1947 and Amelia County was added to the Farmville Office.

I have helped a number of their clients and have visited most of them during the year. I have helped in getting the F. H. A. Program to some clients as well as the S. C. S. District Program.

### X. COOPERATION WITH THE SOIL CONSERVATION PROGRAM

The cooperation with the S. C. S. has been excellent during the past years. We have worked together on most of their farm plans. I have spent a number of days with the conservationist walking over farms and working up plans. Every few plans are written up in final form before we go over them together. We have 389 farm plans worked to date with 45 being added in 1949. Our objective is a farm plan on every farm in the county, but it will take time and lots of work. Two full time men have stayed busy since 1941; we are adding a part time man in cooperation with the F. H. A. for 1950. We have kept more request for S. C. S. work than they have

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over been able to reach and still have a waiting list.

I have been out to help with getting some key farms that were owned by the die hards and have started some in a few practices such as water way disposals, fish ponds, etc.

Thirty two farm ponds have been built during the past few years. Four were built in 1949. Twenty eight are in operation, two have broken and we have plans to help rebuild them.

The S. C. S. Technician has been very active in all agronomy problems. He kept up to date with all fertilizer recommendations and is helping us to do a good extension job in that field with his farmers. He has been very active in our forestry work. The S. C. S. District Work is a good program although they may be inclined to do a lot of extension work.

#### XI. OTHER MEANS OF REACHING PEOPLE

This topic hardly needs any further comment as I have mentioned the radio, circular letters, news articles, etc. We have worked with every civic organization in the county. The county agent is a member of just about all of them and has served in many capacities.

The rural ministers and churches have all been very cooperative. The county agent was County Chairman of CROP - Christian Rural Overseas Program - and all resident ministers were vice-chairmen. This program was operated through the churches with the best kind of cooperation.

The leaders of our dairy, beef, agronomy, S. C. S., F. H. A., H. D. Clubs, 4-H Clubs, Nuritan and others have all helped in our Extension Program. I have already mentioned the seed dealers, farm machinery dealers and merchants. They have all cooperated in many ways such as, displaying posters, sponsoring ads, window displays, etc. It would be hard to name a group that has not helped us in reaching the people of the county.