1947

1947 Aiken County Extension Service Report Form

Clemson University Cooperative Extension Service

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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: South Dakota
County: ____________

REPORT OF

Alpha E. Crow (Name) Home Demonstration Agent.
From 1-1-46 to 11-30-47, 1947

E. W. Johnson Assistant Home Demonstration Agent.
From 12-1-46 to 11-30-47, 1947

C. W. Johnson 4-H Club Agent.
From 12-1-46 to 11-30-47, 1947

C. E. Helmler Assistant County Agent in charge of Club Work.
From 12-1-46 to 11-30-47, 1947

C. W. Johnson Agricultural Agent.
From 12-1-46 to 11-30-47, 1947

W. A. Blauvelt 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 subheadings 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 the 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 work 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.

<table>
<thead>
<tr>
<th>Question</th>
<th>Home demonstration agents</th>
<th>4-H Club agents</th>
<th>Agricultural agents</th>
<th>County total</th>
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4 Do not count a single visit to both the farm and home as two visits.
5 Do not count items relating to notices of meetings only.
### GENERAL ACTIVITIES—Continued

<table>
<thead>
<tr>
<th>Report only this year's activities that can be verified</th>
<th>Home demonstration agents</th>
<th>4-H Club agents</th>
<th>Agricultural agents</th>
<th>County total</th>
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<tr>
<td>18. Encampments held (report attendance for your county only)</td>
<td>(a) Number...</td>
<td>(b) Total members attending</td>
<td>(c) Total others attending</td>
<td>(a) Number...</td>
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</tbody>
</table>

| 19. Other meetings of an extension | (1) Adult work | (a) Number | (b) Total attendance | (1) Farm women | (a) Number | (b) Total members attending | (1) 4-H Club and older youth | (a) Number | (b) Total members attending | (a) Number | (b) Total members attending | (c) Total others attending | (1) 4-H Club and older youth | (a) Number | (b) Total members attending | (1) 4-H Club and older youth | (a) Number | (b) Total members attending | (1) 4-H Club and older youth | (a) Number | (b) Total members attending | (1) 4-H Club and older youth | (a) Number | (b) Total members attending | (1) 4-H Club and older youth | (a) Number | (b) Total members attending | (1) 4-H Club and older youth | (a) Number | (b) Total members attending | (1) 4-H Club and older youth | (a) Number | (b) Total members attending | (1) 4-H Club and older youth | (a) Number | (b) Total members attending | (1) 4-H Club and older youth | (a) Number | (b) Total members attending | (1) 4-H Club and older youth | (a) Number | (b) Total members attending | (1) 4-H Club and older youth | (a) Number | (b) Total members attending | (1) 4-H Club and older youth | (a) Number | (b) Total members... |

| 20. Meetings held by local leaders or committeemen not participated in by county or State extension workers and not previously reported | (1) Adult work | (a) Number | (b) Total attendance | (1) 4-H Club and older youth | (a) Number | (b) Total members attending | (1) 4-H Club and older youth | (a) Number | (b) Total members attending | (1) 4-H Club and older youth | (a) Number | (b) Total members... |

### 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) | 46389
22. Number of farms on which changes in practices have definitely resulted from the agricultural program | 5000
23. Number of farms involved in preceding question which were reached this year for the first time. | 400
24. Number of nonfarm families making changes in practices as a result of the agricultural program | 300
25. Number of farm homes in which changes in practices have definitely resulted from the home demonstration program | 20
26. Number of farm homes involved in preceding question that were reached this year for the first time. | 200
27. Number of other homes in which changes in practices have definitely resulted from the home demonstration program | 200
28. Number of other homes involved in preceding question that were reached this year for the first time. | 200
29. Number of farm homes with 4-H Club members enrolled | 200
30. Number of other homes with 4-H Club members enrolled | 200
31. Total number of different farm families influenced by some phase of the extension program. (Include questions 22, 25, and 29 minus duplications) | 3014
32. Total number of different other families influenced by some phase of the extension program. (Include questions 24, 27, and 30 minus duplications) | 283
### Extension Organization and Planning

33. County extension association or committee (includes agricultural councils, home demonstration councils, and 4-H councils or similar advisory committees; also 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):

<table>
<thead>
<tr>
<th>(a)</th>
<th>Name</th>
<th>(2)</th>
<th>No. of members</th>
</tr>
</thead>
<tbody>
<tr>
<td>(b)</td>
<td>Agricultural</td>
<td></td>
<td>37</td>
</tr>
<tr>
<td>(c)</td>
<td>Home demonstration</td>
<td></td>
<td>26.7</td>
</tr>
<tr>
<td>(d)</td>
<td>4-H Club</td>
<td></td>
<td>573</td>
</tr>
<tr>
<td>(e)</td>
<td>Older youth</td>
<td></td>
<td>573</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>(a)</th>
<th>Agricultural</th>
<th>(b)</th>
<th>Home demonstration</th>
<th>(c)</th>
<th>4-H Club</th>
<th>(d)</th>
<th>Older youth</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1)</td>
<td>Name</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(2)</td>
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<tr>
<td>(3)</td>
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<td></td>
</tr>
</tbody>
</table>

35. Total number of communities in county. (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) Number of 4-H Clubs. (See question 173.) (b) Number of groups (other-than 4-H Club) organized for conduct of extension work with older rural youth. (See question 183.)

40. Number of neighborhood and community leaders in the neighborhood leader system

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

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

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

<table>
<thead>
<tr>
<th>(a)</th>
<th>Unpaid lay members</th>
<th>(b)</th>
<th>Paid representatives of public agencies or other agencies, or of organizations</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1)</td>
<td>Men</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(2)</td>
<td>Women</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

45. Number of members of such community planning committees:

<table>
<thead>
<tr>
<th>(a)</th>
<th>Men</th>
<th>(b)</th>
<th>Women</th>
<th>(c)</th>
<th>Youth</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(2)</td>
<td></td>
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<td></td>
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<tr>
<td>(3)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

46. Was a county committee report prepared and released during the year?

<table>
<thead>
<tr>
<th>(a)</th>
<th>Yes</th>
<th>(b)</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(2)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

47. Days devoted to line of work by:

<table>
<thead>
<tr>
<th>(1)</th>
<th>Home demonstration agents</th>
</tr>
</thead>
<tbody>
<tr>
<td>(2)</td>
<td>4-H Club agents</td>
</tr>
<tr>
<td>(3)</td>
<td>Agricultural agents</td>
</tr>
<tr>
<td>(4)</td>
<td>State extension workers</td>
</tr>
</tbody>
</table>

48. Number of planning meetings held:

<table>
<thead>
<tr>
<th></th>
<th>(1) County</th>
<th>(2) Community</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(2)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

49. Number of unpaid voluntary leaders or committee men assisting this year

50. Days of assistance rendered by voluntary leaders or committee men

<table>
<thead>
<tr>
<th>(1)</th>
<th>Extension organization and planning</th>
<th>(2)</th>
<th>County agricultural planning</th>
</tr>
</thead>
<tbody>
<tr>
<td>(a)</td>
<td></td>
<td>(b)</td>
<td>(c)</td>
</tr>
</tbody>
</table>

\[1 \text{Where extension program planning and county agricultural planning (over-all planning) have been completely merged into a single program-planning activity, only column (c) should be filled out. Where extension program planning is the only planning activity, the entries in columns (a) and (b) will be identical. In all other cases column (c) is the sum of columns (a) and (b).}\]
### CROP PRODUCTION (other than for family food supply)

<table>
<thead>
<tr>
<th>Include all work with adults, 4-H Club members, and older youth</th>
<th>Corn</th>
<th>Wheat</th>
<th>Other cereals</th>
<th>Legumes</th>
<th>Pastures</th>
<th>Cotton</th>
<th>Tobacco</th>
<th>Potatoes and other vegetables</th>
<th>Fruits</th>
<th>Other crops</th>
</tr>
</thead>
<tbody>
<tr>
<td>51. Days devoted to line of work by—</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(1) Home demonstration agents</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(2) 4-H Club agents</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(3) Agricultural agents</td>
<td>4.2</td>
<td>2.2</td>
<td>2.7</td>
<td>3.0</td>
<td>3.0</td>
<td>6.0</td>
<td>3.2</td>
<td></td>
<td>5.2</td>
<td>1.7</td>
</tr>
<tr>
<td>(4) State extension workers</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>52. Number of communities in which work was conducted this year</td>
<td>15.6</td>
<td>18.3</td>
<td>18.6</td>
<td>18.6</td>
<td>18.6</td>
<td>18.6</td>
<td>8.6</td>
<td></td>
<td>10.0</td>
<td>2.3</td>
</tr>
<tr>
<td>53. Number of voluntary local leaders or committeemen assisting this year</td>
<td>3.0</td>
<td>1.9</td>
<td>2.1</td>
<td>2.1</td>
<td>4.1</td>
<td>2.0</td>
<td>3.9</td>
<td></td>
<td>5.6</td>
<td>1.0</td>
</tr>
<tr>
<td>54. Number of farmers assisted this year—</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(1) Obtaining improved varieties or strains of seed</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(2) The use of lime</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(3) The use of fertilizers</td>
<td>5.0</td>
<td>3.1</td>
<td>2.9</td>
<td>1.0</td>
<td>1.9</td>
<td>2.0</td>
<td>1.0</td>
<td></td>
<td>1.5</td>
<td>1.0</td>
</tr>
<tr>
<td>(4) Controlling plant diseases</td>
<td>0.0</td>
<td>0.0</td>
<td></td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td></td>
<td>0.0</td>
<td>0.0</td>
</tr>
<tr>
<td>(5) Controlling injurious insects</td>
<td>0.0</td>
<td>0.0</td>
<td></td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
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<td></td>
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<td>0.0</td>
</tr>
<tr>
<td>(6) Controlling noxious weeds</td>
<td>0.0</td>
<td>0.0</td>
<td></td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td></td>
<td>0.0</td>
<td>0.0</td>
</tr>
<tr>
<td>(7) Controlling rodents and other animals</td>
<td>0.0</td>
<td>0.0</td>
<td></td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td></td>
<td>0.0</td>
<td>0.0</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Include all work with adults, 4-H Club members, and older youth</th>
<th>Dairy cattle</th>
<th>Beef cattle</th>
<th>Sheep</th>
<th>Swine</th>
<th>Horses and mules</th>
<th>Poultry (including turkeys)</th>
<th>Other livestock</th>
</tr>
</thead>
<tbody>
<tr>
<td>55. Days devoted to line of work by—</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(1) Home demonstration agents</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(2) 4-H Club agents</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(3) Agricultural agents</td>
<td>3.5</td>
<td>2.1</td>
<td>1.6</td>
<td>1.6</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(4) State extension workers</td>
<td>3.0</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>56. Number of communities in which work was conducted this year</td>
<td>1.8</td>
<td>1.8</td>
<td>1.8</td>
<td>1.8</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>57. Number of voluntary local leaders or committeemen assisting this year</td>
<td>2.0</td>
<td>1.6</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>58. Number of breeding circles or clubs or improvement associations organized or assisted this year</td>
<td>1.0</td>
<td>1.0</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>59. Number of members in such circles, clubs, or associations</td>
<td>1.0</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>60. Number of farmers not in breeding circles or improvement associations assisted this year in keeping performance records of animals</td>
<td>1.0</td>
<td>1.0</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>61. Number of farmers assisted this year in—</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(1) Obtaining purebred males</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(2) Obtaining purebred or high-grade females</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(3) Obtaining better strains of baby chicks (including hatching eggs)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(4) Improving methods of feeding</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(5) Controlling external parasites</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(6) Controlling diseases and internal parasites</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(7) Controlling predatory animals</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1. Do not include rabbits, game, and fur animals, which should be reported under wildlife.
### Conservation of Natural Resources

<table>
<thead>
<tr>
<th>Soil and Water—Continued</th>
</tr>
</thead>
<tbody>
<tr>
<td>65. Number of farmers assisted this year—</td>
</tr>
<tr>
<td>(a) With problems of land use...</td>
</tr>
<tr>
<td>(b) In the use of crop rotations...</td>
</tr>
<tr>
<td>(c) With strip cropping...</td>
</tr>
<tr>
<td>(d) In constructing terraces...</td>
</tr>
<tr>
<td>(e) In grassing waterways or otherwise preventing or controlling gullies...</td>
</tr>
<tr>
<td>(f) With contour farming of cropland...</td>
</tr>
<tr>
<td>(g) In contouring pasture or range...</td>
</tr>
<tr>
<td>(h) In the use of cover or green-manure crops...</td>
</tr>
<tr>
<td>(i) In otherwise controlling wind or water erosion...</td>
</tr>
<tr>
<td>(j) In summer-fallowing...</td>
</tr>
<tr>
<td>(k) In making depth-of-moisture tests...</td>
</tr>
<tr>
<td>(l) With drainage...</td>
</tr>
<tr>
<td>(m) With irrigation...</td>
</tr>
<tr>
<td>(n) With land clearing...</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Forestry—Continued</th>
</tr>
</thead>
<tbody>
<tr>
<td>67. Number of farmers assisted this year—</td>
</tr>
<tr>
<td>(a) In reforesting new areas by planting with small trees. (Include erosion-control plantings)...</td>
</tr>
<tr>
<td>(b) In making improved thinnings, weedings, or pruning of forest trees...</td>
</tr>
<tr>
<td>(c) With selection cutting...</td>
</tr>
<tr>
<td>(d) With production of naval stores...</td>
</tr>
<tr>
<td>(e) With production of maple-syrup products...</td>
</tr>
<tr>
<td>(f) In timber estimating and appraisal...</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Wildlife—Continued</th>
</tr>
</thead>
<tbody>
<tr>
<td>68. Number of farmers cooperating this year in prevention of forest fires...</td>
</tr>
</tbody>
</table>

| 69. Number of farmers assisted this year— |
| (a) In construction or management of ponds for fish... |
| (b) In protection of wildlife areas, such as stream banks, odd areas, field borders, marshes, and ponds, from fire or livestock... |
| (c) In planting of edible wild fruits and nuts in hedges, stream banks, odd areas, and field borders... |
| (d) With other plantings for food and protection in wild-life areas... |
### FARM MANAGEMENT

<table>
<thead>
<tr>
<th>Days devoted to line of work by</th>
<th>Number of communities in which work was conducted this year</th>
<th>Number of voluntary local leaders or committeemen assisting this year</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1) Home demonstration agents</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(2) 4-H Club agents</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(3) Agricultural agents</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(4) State extension workers</td>
<td></td>
<td></td>
</tr>
<tr>
<td>70.</td>
<td>71.</td>
<td>72.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Number of farm-survey records taken during the year:</th>
<th>Number of farmers assisted this year—Continued.</th>
</tr>
</thead>
<tbody>
<tr>
<td>(a) Farm business</td>
<td>(a) In getting started in farming, or in re-locating</td>
</tr>
<tr>
<td>(b) Enterprise</td>
<td>(b) With credit problems (debt adjustment and financial plans)</td>
</tr>
<tr>
<td>(c) Other</td>
<td>(c) In using “outlook” to make farm adjustments</td>
</tr>
<tr>
<td>73.</td>
<td>(d) With a farm-income statement for tax purposes</td>
</tr>
<tr>
<td>(e) Farm business</td>
<td>(e) With farm-labor problems</td>
</tr>
<tr>
<td>110</td>
<td>(f) In developing supplemental sources of income</td>
</tr>
<tr>
<td></td>
<td>75. Number of farmers assisted this year—Continued.</td>
</tr>
<tr>
<td></td>
<td>(a) In getting started in farming, or in re-locating</td>
</tr>
<tr>
<td></td>
<td>(b) With credit problems (debt adjustment and financial plans)</td>
</tr>
<tr>
<td></td>
<td>(c) In using “outlook” to make farm adjustments</td>
</tr>
<tr>
<td></td>
<td>(d) With a farm-income statement for tax purposes</td>
</tr>
<tr>
<td></td>
<td>(e) With farm-labor problems</td>
</tr>
<tr>
<td></td>
<td>(f) In developing supplemental sources of income</td>
</tr>
</tbody>
</table>

### GENERAL ECONOMIC PROBLEMS RELATED TO AGRICULTURE

<table>
<thead>
<tr>
<th>Price and trade policies (prices, international trade, interstate trade barriers, transportation, interregional competition, etc.)</th>
<th>Land policy and programs (classification of land use, tenure, land development, settlement, public-land management, etc.)</th>
<th>Public finance and services (taxation, local government, facilities such as roads and schools for rural areas, etc.)</th>
<th>Rural welfare (rural-urban relationships, part-time farming, problems of people in low-income areas, migration, population adjustment, rural works programs, etc.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1) Home demonstration agents</td>
<td>(a)</td>
<td>(b)</td>
<td>(c)</td>
</tr>
<tr>
<td>76. Days devoted to line of work by</td>
<td>10</td>
<td>10</td>
<td>10</td>
</tr>
<tr>
<td>(2) 4-H Club agents</td>
<td>75. Number of farmers assisted this year—Continued.</td>
<td>75. Number of farmers assisted this year—Continued.</td>
<td>75. Number of farmers assisted this year—Continued.</td>
</tr>
<tr>
<td>(3) Agricultural agents</td>
<td>(a) In getting started in farming, or in re-locating</td>
<td>(b) With credit problems (debt adjustment and financial plans)</td>
<td>(c) In using “outlook” to make farm adjustments</td>
</tr>
<tr>
<td>(4) State extension workers</td>
<td>(d) With a farm-income statement for tax purposes</td>
<td>(e) With farm-labor problems</td>
<td>(f) In developing supplemental sources of income</td>
</tr>
<tr>
<td>77. Number of communities in which work was conducted this year</td>
<td>78. Number of voluntary local leaders or committeemen assisting this year</td>
<td>79. Number of tours conducted this year to observe economic and social conditions in various land use areas</td>
<td>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</td>
</tr>
<tr>
<td>78. Number of voluntary local leaders or committeemen assisting this year</td>
<td>79. Number of tours conducted this year to observe economic and social conditions in various land use areas</td>
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<td></td>
</tr>
<tr>
<td>77. Number of communities in which work was conducted this year</td>
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<td>79. Number of tours conducted this year to observe economic and social conditions in various land use areas</td>
<td>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</td>
</tr>
<tr>
<td>81. Number of displaced families assisted this year in finding employment (agricultural and nonagricultural)</td>
<td>82. Number of nonagricultural groups to which any of the above economic and social problems have been presented and discussed this year</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

1. Include all work on farm adjustments conducted in cooperation with AAA and other agencies, and not definitely related to individual crop or livestock production or marketing (pp. 6 and 9) or to soil management (pp. 7).
<table>
<thead>
<tr>
<th>Question</th>
<th>General</th>
<th>Grain and hay</th>
<th>Livestock and wool</th>
<th>Dairy products</th>
<th>Poultry and eggs</th>
<th>Fruits and vegetables</th>
<th>Cotton</th>
<th>Forest products</th>
<th>Tobacco, sugar, rice, and other commodities</th>
<th>Home products and crafts</th>
<th>Purchasing of farm and home supplies and equipment</th>
</tr>
</thead>
<tbody>
<tr>
<td>83. Days devoted to line of work by—</td>
<td></td>
<td></td>
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<tr>
<td>(1) Home demonstration agents</td>
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<tr>
<td>(2) 4-H Club agents</td>
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<tr>
<td>(3) Agricultural agents</td>
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<tr>
<td>(4) State extension workers</td>
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<td>84. Number of communities in which work was conducted this year</td>
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<tr>
<td>85. Number of voluntary local leaders or committee members assisting this year</td>
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<tr>
<td>86. Number of new cooperatives assisting in organizing during the year</td>
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<tr>
<td>87. Number of established cooperatives assisting during the year</td>
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<tr>
<td>88. Number of members in the cooperatives assisted during the year (questions 86 and 87)</td>
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<tr>
<td>89. Value of products sold or purchased by cooperatives assisted during the year (questions 88 and 87)</td>
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<tr>
<td>90. Number of farmers or families (not members of cooperatives) assisted during the year</td>
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<tr>
<td>91. Value of products sold or purchased by farmers or families involved in the preceding question</td>
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<tr>
<td>92. Number of private marketing and distributing agencies and trade groups assisted this year</td>
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<tr>
<td>93. Number of programs pertaining to marketing agreements, orders, surplus removal or Lend-Lease purchases assisted in or conducted this year</td>
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<tr>
<td>94. Number of marketing facilities improvement programs participated in or conducted this year</td>
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<tr>
<td>95. Number of marketing surveys assisted with or conducted this year</td>
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<tr>
<td>96. Number of special merchandising programs participated in or conducted this year</td>
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<tr>
<td>97. Number of consumer information programs pertaining to marketing and distribution participated in or conducted this year</td>
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<tr>
<td>98. Number of programs relating to marketing services and costs of distribution conducted this year</td>
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<tr>
<td>99. Number of programs relating to transportation problems conducted this year</td>
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<tr>
<td>100. Number of programs relating to the specific use of market information conducted this year</td>
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<tr>
<td>101. Number of other marketing programs conducted this year (specify)</td>
<td></td>
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</tr>
</tbody>
</table>

1 Include livestock, poultry, and hatching eggs purchased for breeding, replacement, or feeding purposes.
2 Where a cooperative association serves more than one county, include only the membership and proportionate volume of business originating in the county covered by this report.
3 Organized pieces of work.
### HOUSING, FARMSTEAD IMPROVEMENT, AND EQUIPMENT

<table>
<thead>
<tr>
<th>102. Days devoted to line of work by—</th>
<th>a</th>
<th>b</th>
<th>c</th>
<th>d</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Home demonstration agents</td>
<td>69</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. 4-H Club agents</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. Agricultural agents</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4. State extension workers</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| 103. Number of communities in which work was conducted this year | | | | |
| 104. Number of voluntary local leaders or committeemen assisting this year | | | | |

#### The House, Furnishings, and Surroundings—Continued

<table>
<thead>
<tr>
<th>105. Number of families assisted this year in—</th>
<th>a</th>
<th>b</th>
<th>c</th>
<th>d</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Constructing dwellings</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Remodeling dwellings</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. Installing sewage systems</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4. Installing water systems</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5. Installing heating systems</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6. Providing needed storage space</td>
<td>534</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7. Rearranging or improving kitchens</td>
<td>534</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8. Improving arrangement of rooms (other than kitchens)</td>
<td>534</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>9. Improving methods of repairing, remodeling, or refinishing furniture or furnishings</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10. Selecting housefurnishings or equipment (other than electric)</td>
<td>534</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>11. Improving housekeeping methods</td>
<td>534</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12. Laundry arrangement</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>13. Installing sanitary closets or outhouses</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>14. Screening or using other recommended methods of controlling flies or other insects</td>
<td>534</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>15. Improving home grounds</td>
<td>534</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>16. Planting windbreaks or shelterbelts</td>
<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

#### Rural Electrification—Continued

| 106. Number of associations organized or assisted this year to obtain electricity | | | |
| 107. Number of families assisted this year in— | a | b | c |
| 1. Obtaining electricity | | | |
| 2. Selection or use of electric lights or home electrical equipment | 267 | | |
| 3. Using electricity for income-producing purposes | | | |

#### Farm Buildings—Continued

| 108. Number of farmers assisted this year in— | a | b | c |
| 1. The construction of farm buildings | | | |
| 2. Remodeling or repairing farm buildings | 20 | | |
| 3. Selection or construction of farm-building equipment | 10 | | |

#### Farm Mechanical Equipment—Continued

| 109. Number of farmers assisted this year in— | a | b |
| 1. The selection of mechanical equipment | | |
| 2. Making more efficient use of mechanical equipment | 127 | |

| 110. Number of farmers following instructions in the maintenance and repair of mechanical equipment this year | | |
| 111. Number of gin stands assisted this year in the better ginning of cotton | 1 | | |
### 112. Days devoted to line of work by:

<table>
<thead>
<tr>
<th>(a) In improving diets</th>
<th>...</th>
<th>(c) In improving food supply by making changes in home food production</th>
<th>(d) In removing fire and accident hazards</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1) Home demonstration agents</td>
<td>...</td>
<td>(2) Of vegetables</td>
<td>...</td>
</tr>
<tr>
<td>(2) 4-H Club agents</td>
<td>...</td>
<td>(3) Of fruits</td>
<td>...</td>
</tr>
<tr>
<td>(3) Agricultural agents</td>
<td>...</td>
<td>(4) Of meats</td>
<td>...</td>
</tr>
<tr>
<td>(4) State extension workers</td>
<td>...</td>
<td>(5) Of milk</td>
<td>...</td>
</tr>
<tr>
<td>(5) Of poultry and eggs</td>
<td>...</td>
<td>(f) With food preservation problems</td>
<td>...</td>
</tr>
<tr>
<td>(f) With food preservation problems</td>
<td>...</td>
<td>(1) Canning</td>
<td>...</td>
</tr>
<tr>
<td>(g) With positive preventive measures to improve health (immunization for typhoid, diphtheria, smallpox, etc.)</td>
<td>...</td>
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<td></td>
</tr>
</tbody>
</table>

| (h) With child-feeding problems | ... | (i) In the prevention of colds and other common diseases | ... |

### 115. Number of families assisted this year—

| (a) In improving diets | 528 | (b) With food preparation | 528 |
| (c) In improving food supply by making changes in home food production | 528 |
| (d) In removing fire and accident hazards | ... |

### 115(g) FOOD PRESERVATION BY ADULTS

<table>
<thead>
<tr>
<th>Fruits</th>
<th>Vegetables</th>
<th>Meats and fish</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quarts canned</td>
<td>8.27</td>
<td>9.618</td>
</tr>
<tr>
<td>Gallons brined</td>
<td>...</td>
<td>...</td>
</tr>
<tr>
<td>Pounds: Dried</td>
<td>...</td>
<td>...</td>
</tr>
<tr>
<td>Cured</td>
<td>...</td>
<td>...</td>
</tr>
<tr>
<td>Stored</td>
<td>...</td>
<td>...</td>
</tr>
<tr>
<td>Frozen</td>
<td>...</td>
<td>...</td>
</tr>
</tbody>
</table>

### 115(h) FOOD PRESERVATION BY 4-H CLUB MEMBERS

<table>
<thead>
<tr>
<th>Fruits</th>
<th>Vegetables</th>
<th>Meats and fish</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quarts canned</td>
<td>...</td>
<td>...</td>
</tr>
<tr>
<td>Gallons brined</td>
<td>...</td>
<td>...</td>
</tr>
<tr>
<td>Pounds: Dried</td>
<td>...</td>
<td>...</td>
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<tr>
<td>Cured</td>
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<td>...</td>
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<tr>
<td>Stored</td>
<td>...</td>
<td>...</td>
</tr>
<tr>
<td>Frozen</td>
<td>...</td>
<td>...</td>
</tr>
</tbody>
</table>

### 116. Number of schools assisted this year in establishing or maintaining hot school lunches...

### 117. Number of nutrition or health clinics organized this year through the efforts of extension workers...

---

1. Sum of the subitems minus duplications due to families participating in more than one activity.
2. Weight of finished product after drying.
3. Weight of product before curing.
4. Include contents of locker plants and home freezer units.
5. Do not include vine-matured peas and beans.
6. Include all work with adults, 4-H Club members and older youth.
CLOTHING, FAMILY ECONOMICS, PARENT EDUCATION, AND COMMUNITY LIFE

<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>121. Number of families assisted this year—</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(a) With time-management problems</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(b) With home accounts</td>
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<td></td>
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<tr>
<td>(c) With financial planning</td>
<td></td>
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</tr>
<tr>
<td>(d) In improving use of credit for family</td>
<td></td>
<td></td>
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<tr>
<td>living expenses</td>
<td></td>
<td></td>
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<tr>
<td>(e) In developing home industries as a</td>
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<td></td>
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<tr>
<td>means of supplementing income</td>
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<tr>
<td>122. Number of home demonstration clubs,</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>other consumer associations or groups</td>
<td></td>
<td></td>
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<tr>
<td>assisted this year with cooperative</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>buying of—</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(a) Food</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(b) Clothing</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(c) House furnishings and equipment</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(d) General household supplies</td>
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<td></td>
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</tr>
<tr>
<td>123. Number of families assisted this year</td>
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<td></td>
<td></td>
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<tr>
<td>through cooperative associations or</td>
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<tr>
<td>individually, with the buying of—</td>
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<tr>
<td>(a) Food</td>
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<tr>
<td>(b) Clothing</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>(c) House furnishings and equipment</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>(d) General household supplies</td>
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<tr>
<td>124. Total number of different families</td>
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<tr>
<td>assisted this year with consumer-</td>
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<td></td>
<td></td>
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<tr>
<td>buying problems (includes question</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>123 (a), (b), (c), and (d) minus</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>duplications)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>125. Number of families assisted this year</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>with “making versus buying” decisions</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>126. Number of families assisted this year</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>in using timely economic information</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>to make buying decisions or other</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>adjustments in family living</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>NOTE.—Individual families and groups</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>assisted with selling problems should</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>be reported in column (j), page 9</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

1. The house—its arrangement, equipment, and furnishings, including kitchen improvements and care of the house—is reported under “The house, furnishings and surrounding,” p. 10.
2. Includes question 122; also families buying through cooperative or organized, column (k), p. 9.
<table>
<thead>
<tr>
<th>Project</th>
<th>Number of boys enrolled (a)</th>
<th>Number of girls enrolled (b)</th>
<th>Number of boys completing (c)</th>
<th>Number of girls completing (d)</th>
<th>Number of units involved in completed projects (e)</th>
</tr>
</thead>
<tbody>
<tr>
<td>138. Corn</td>
<td>6</td>
<td>4</td>
<td>2</td>
<td>2</td>
<td>Acres</td>
</tr>
<tr>
<td>139. Other cereals</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>Acres</td>
</tr>
<tr>
<td>140. Peanuts</td>
<td>4</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>Acres</td>
</tr>
<tr>
<td>141. Soybeans, field peas, alfalfa, and other legumes</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>Acres</td>
</tr>
<tr>
<td>142. Soil and water conservation</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>Acres</td>
</tr>
<tr>
<td>143. Potatoes, Irish and sweet</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>Acres</td>
</tr>
<tr>
<td>144. Cotton</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>Acres</td>
</tr>
<tr>
<td>145. Tobacco</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>Acres</td>
</tr>
<tr>
<td>146. Fruits</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>Acres</td>
</tr>
<tr>
<td>147. Home gardens</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>Acres</td>
</tr>
<tr>
<td>148. Market gardens, truck and canning crops</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>Acres</td>
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<tr>
<td>149. Other crops (including pasture improvement)</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>Acres</td>
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<tr>
<td>150. Poultry (including turkeys)</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>Acres</td>
</tr>
<tr>
<td>151. Dairy cattle</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>Acres</td>
</tr>
<tr>
<td>152. Beef cattle</td>
<td>2</td>
<td>2</td>
<td>2</td>
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<td>Acres</td>
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<tr>
<td>153. Sheep</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>Acres</td>
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<tr>
<td>154. Swine</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>Acres</td>
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<tr>
<td>155. Horses and mules</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>Acres</td>
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<tr>
<td>155a. Rabbits</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>Acres</td>
</tr>
<tr>
<td>156. Other livestock</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>Acres</td>
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<tr>
<td>157. Bees</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>Acres</td>
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<tr>
<td>158. Beautification of home grounds</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>Acres</td>
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<tr>
<td>159. Forestry</td>
<td>2</td>
<td>2</td>
<td>2</td>
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<td>Acres</td>
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<tr>
<td>160. Wildlife and nature study (game and fur animals)</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>Acres</td>
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<tr>
<td>161. Agricultural engineering, farm shop, electricity, tractor</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>Acres</td>
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<tr>
<td>162. Farm management</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>Acres</td>
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<tr>
<td>163. Food selection, preparation, and/or baking</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>Acres</td>
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<tr>
<td>164. Food preservation. (Include frozen foods)</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>Acres</td>
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<tr>
<td>165. Health, home nursing, and first aid</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>Acres</td>
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<tr>
<td>165a. Child care</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>Acres</td>
</tr>
<tr>
<td>166. Clothing</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>Acres</td>
</tr>
<tr>
<td>167. Home management (housekeeping)</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>Acres</td>
</tr>
<tr>
<td>168. Home furnishings and room improvement</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>Acres</td>
</tr>
<tr>
<td>169. Home industry, arts and crafts</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>Acres</td>
</tr>
<tr>
<td>170. Junior leadership</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>Acres</td>
</tr>
<tr>
<td>171. All others</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>Acres</td>
</tr>
<tr>
<td>172. Total (project enrollment and completion)</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>Acres</td>
</tr>
</tbody>
</table>
### 4-H Club Membership

173. Number of 4-H Clubs: \( \text{TTL} = 19 \text{, 923} \) Boys: \( 14 \text{, 138} \) Girls: \( 5 \text{, 785} \)

174. Number of different 4-H Club members enrolled: (a) Boys: \( 327,108 \) (b) Girls: \( 201,370 \)

175. Number of different 4-H Club members completing: (a) Boys: \( 197 \) (b) Girls: \( 2,892 \)

176. Number of 4-H Club members in school: (a) Boys: \( 216 \) (b) Girls: \( 329 \)

177. Number of 4-H Club members out of school: (a) Boys: \( 5 \) (b) Girls: \( 39 \)

178. Number of different 4-H Club members from farm homes: (a) Boys: \( 197 \) (b) Girls: \( 29 \)

179. Number of different 4-H Club members from nonfarm homes: (a) Boys: \( 162 \) (b) Girls: \( 20 \)

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

<table>
<thead>
<tr>
<th>By years</th>
<th>Boys (a)</th>
<th>Girls (b)</th>
<th>By ages</th>
<th>Boys (a)</th>
<th>Girls (b)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st year</td>
<td>95</td>
<td>139</td>
<td>10 and under</td>
<td>46</td>
<td>83</td>
</tr>
<tr>
<td>2d</td>
<td>137</td>
<td>108</td>
<td>11</td>
<td>23</td>
<td>43</td>
</tr>
<tr>
<td>3d</td>
<td>128</td>
<td>126</td>
<td>12</td>
<td>52</td>
<td>49</td>
</tr>
<tr>
<td>4th</td>
<td>135</td>
<td>128</td>
<td>13</td>
<td>33</td>
<td>41</td>
</tr>
<tr>
<td>5th</td>
<td>2</td>
<td>12</td>
<td>14</td>
<td>8</td>
<td>50</td>
</tr>
<tr>
<td>6th</td>
<td>13</td>
<td>12</td>
<td>15</td>
<td>14</td>
<td>36</td>
</tr>
<tr>
<td>7th</td>
<td>14</td>
<td>12</td>
<td>16</td>
<td>8</td>
<td>47</td>
</tr>
<tr>
<td>8th</td>
<td>13</td>
<td>12</td>
<td>17</td>
<td>13</td>
<td>58</td>
</tr>
<tr>
<td>9th</td>
<td>11</td>
<td>12</td>
<td>18</td>
<td>11</td>
<td>69</td>
</tr>
<tr>
<td>10th and over</td>
<td>10</td>
<td>12</td>
<td>20 and over</td>
<td>20</td>
<td>30</td>
</tr>
</tbody>
</table>

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

(a) Judging: \( 134 \) (f) Fire and accident prevention: \( 6 \)

(b) Giving demonstrations: \( 4 \) (g) Wildlife conservation: \( 128 \)

(c) Recreational leadership: \( 19 \) (h) Keeping personal accounts: \( 6 \)

(d) Music appreciation: \( 21 \) (i) Use of economic information: \( 6 \)

(e) Health: \( 55 \) (j) Soil and water conservation: \( 120 \)

181. Number of 4-H Club members having health examination because of participation in the extension program: \( 30 \)

182. Number of 4-H Club members engaging in community activities such as improving school grounds and conducting local fairs: \( 10 \)

183. Number of 4-H Club members completing extension work with older rural youth: \( 16,287 \)

184. Number of 4-H Club members completing extension work with older rural youth: \( 16,287 \)

---

1 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.

2 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.

3 Same as footnote 2, except that reference is to completions instead of enrollments.
## MISCELLANEOUS

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

<table>
<thead>
<tr>
<th>Days devoted to line of work by—</th>
<th>Home demonstration agents (a)</th>
<th>General feeder insects (b)</th>
<th>All other work (c)</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1) Home demonstration agents</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(2) 4-H Club agents</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(3) Agricultural agents</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(4) State extension workers</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

196. Number of communities in which work was conducted this year...

197. Number of voluntary local leaders or committee men assisting this year...

## SUMMARY OF CONTRIBUTION TO WAR EFFORT

It is desirable to bring together in one place the sum total of extension contribution to the several broad areas of war effort. It is assumed that all such work has been reported previously under appropriate headings.

<table>
<thead>
<tr>
<th>War programs</th>
<th>Home demonstration agents (a)</th>
<th>4-H Club agents (b)</th>
<th>Agricultural agents (c)</th>
</tr>
</thead>
</table>

198. Estimated number of days devoted to—

(1) Food supplies and critical war materials (production, marketing, processing, storage, distribution, and related problems)

(2) Problems arising from new military camps, munitions plants, and war industries

(3) Civilian defense (such as fire prevention, Red Cross training, air-raid warnings)

(4) Other war work (including collection of salvage material)

## 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.

<table>
<thead>
<tr>
<th>Assistance to Veterans (a)</th>
<th>U. S. D. A. Councils (b)</th>
<th>Farm Credit Administration (c)</th>
<th>Employment Service (d)</th>
<th>Production and Marketing Administration (e)</th>
<th>Soil Conservation Service (f)</th>
<th>Farmers Home Administration (g)</th>
<th>Rural Electrification Administration (h)</th>
<th>Tennessee Valley Authority (i)</th>
<th>Social Security, Public Health, Children's Bureau (j)</th>
<th>Other Agencies (k)</th>
</tr>
</thead>
</table>

199. Days devoted to line of work by—

(1) Home demonstration agents...

(2) 4-H Club agents...

(3) Agricultural agents...

(4) State extension workers...

200. Number of communities in which work was conducted this year...

201. Number of voluntary local leaders or committee men assisting this year...

202. Number of meetings participated in this year by extension workers...

1Include grasshoppers, armyworms, chinch bugs, and other insects not reported under specific crop or livestock headings.
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, 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. Farmers (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. The older rural youth group is primarily a situation group, out of school, at home on farms, not married or started farming on their own account, and mostly 16 to 25 years of age.
ANNUAL REPORT
COUNTY AGENT WORK

Aiken County
SOUTH CAROLINA
1947

R. R. Mellette
County Agent

C. W. Thompson
Assistant County Agent

W. H. Beasley
Assistant County Agent

CLEMSON AGRICULTURAL COLLEGE
Cooperating with
UNITED STATES DEPARTMENT OF AGRICULTURE
EXTENSION SERVICE
D. W. Watkins, Director
Clemson, South Carolina
ANNUAL REPORT OF COUNTY AGENTS WORK

Aiken County, South Carolina

1947

R. R. Mellette, County Agent
C. W. Thompson, Assistant County Agent

Cooperative Extension Work in Agriculture and Home Economics

Clemson Agricultural College and the
United States Department of
Agriculture Cooperating
Extension Service

D. W. Watkins, Director
Clemson, South Carolina
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<td>4</td>
</tr>
<tr>
<td>County Extension Organization</td>
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</table>

## PROJECT ACTIVITIES AND RESULTS

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<tr>
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<tr>
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<td>Improved Seed</td>
<td>29</td>
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<td>29</td>
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Circular Letters

Newspaper Articles
SUMMARY OF ACTIVITIES AND ACCOMPLISHMENTS

GENERAL ACTIVITIES

1. Days Agents Spent in Office............................................................... 139
2. Days Agents Spent in Field............................................................... 442
3. Days Agents Worked.............................................................................. 581
4. Miles Agents Traveled........................................................................... 24,216
5. Farm Visits............................................................................................. 1,171
6. Different Farms Visited.......................................................................... 931
7. Office Calls at Agents Office............................................................... 2,772
8. Telephone Calls at Agents Office......................................................... 1,539
9. Meetings Held or Attended................................................................. 260
10. Attendance at these Meetings............................................................... 10,855
11. Number of Radio Talks........................................................................ 30
12. Number of Communities which Extension Work was Conducted in........ 18
13. Number of Different Farmers Conducting Demonstrations................... 55
14. Number of Voluntary Community Leaders Assisting with Extension Program... 205

PROJECT ACTIVITIES AND RESULTS

AGRICULTURAL ECONOMICS

8 Outlook meetings were held with an attendance of 244 farm people. Eight complete farm accounts were completed. Agents cooperated with farm credit agencies in loaning $401,870.00 for production credit to 993 farmers.

Unit-Test Demonstration work was carried on in 1947 on ten farms.

AGRICULTURAL ENGINEERING

A total of 107 cooperative agreements were completed in 1947 which gives a total of 942 farms in Aiken County now under Agreement with the Edisto Soil Conservation District. More than 1,450 miles of terraces were built in 1947 by over 83 farmers. Farm plans were furnished for 58 farm buildings. A total of 485 miles of rural electric lines are in operation serving 1,150 farm families. Eight patrons have telephones on an experimental telephone line put into operation November 13, 1946, using R. E. A. power lines. One tractor school and three combine schools were held during the year with an attendance of 180; one 4-H tractor maintenance course conducted. Four 150 ton concrete tile silos were constructed. One electric hotbed demonstration was conducted.
AGRONOMY

20 Farmers conducted five-acre cotton demonstrations, producing an average of 642 pounds of lint cotton per acre; 8 corn fertilizer; 8 Hybrid corn, 4 oats production, 3 wheat production, 1 barley production, 1 rye production, 3 lespedeza for hay, 2 lespedeza for seed, 7000 tons of lime were used in the county and 700 tons of acid phosphate secured as a grant of aid. 120,000 pounds of legume seed were ordered for farmers.

ANIMAL HUSBANDRY

Placed 1 purebred boar, 3 purebred beef bulls, 10 purebred beef heifers, 19 beef steers are being fed for 1947 Aiken County and Augusta Show, Aiken County 4-H beef steer show started in 1947. Plans were furnished for 5 hog self-feeders, 1 calf creep and 4 silos.

DAIRYING

Seven purebred bulls and 76 purebred and grade dairy heifers and cows, costing $1283.00 were placed with farmers. Eleven 4-H dairy calf club members completed records showing a profit of $2,096.19.

ENTOMOLOGY AND PLANT PATHOLOGY

Weekly boll weevil or infestation counts were made and results published. Farmers were assisted with purchase of molasses and calcium arsenic for boll weevil control. Meetings, demonstrations, one picture and publicity given on use of DDT, two demonstrations on the use of cryolite for control of velvet beans caterpillar conducted, one demonstration on fence post preservation, publicity on bean beetle and Harlequin bug control, four demonstrations on the use of 2,4-D for weed control were conducted, and publicity on treating cotton seed and small grain seed for disease control. Four requeen demonstrations were given; six demonstrations on use of B. H. C.

FORESTRY

Twenty-eight farmers received woodland examination or had timber marked for selective cutting; 2,085,900 board ft. was marked on 104 acres and 2432 acres examined with written recommendations made. A total of 91,000 pine seedlings and 500 cork acorns were planted in 1947.

4-H CLUB WORK

Fourteen 4-H clubs were organized with 221 members; 197 completed demonstrations were turned in, producing farm products with a value of $26,257.24 and realizing a profit of $9,894.52. One beef cattle judging team and one dairy judging team.
were trained and competed in district contest. Jess McElmurray won state honors on tractor maintenance. Eugene Hamlet Jr. won state honors on Leadership.

HORTICULTURE

Three sweet potato hotbed demonstrations and one demonstration in pruning peach trees, and two peach thinning demonstrations were given.

MARKETING

Assisted 816 farmers in buying and selling farm products to the amount of $27,240.00 bought and $75,749.00 sold. Assisted with grading and packing of peaches and sweet potatoes.

POULTRY

Six poultry vaccination demonstrations were given, treating 1915 birds, and one poultry meeting held with nine farmers attending. The agents assisted poultrymen with disease control, sanitation, plans for poultry houses and brooders, and cooperated with the two hatcheries in the county.

VISUAL INSTRUCTION

Motion pictures were used at 39 meetings with an attendance of 1932 farm people. Charts and maps were used at one meeting with 150 farm people attending.

PRODUCTION & MARKETING (AAA) ACTIVITIES

County Agents held 12 meetings at which this program was discussed. The County Office has received valid obligations for $134,016. 700 tons of acid phosphate, 7000 tons of lime and 120,000 pounds of legume seed were secured for farmers as a grant of aid.

MISCELLANEOUS COUNTY AND COMMUNITY ACTIVITIES

The County Agents work with Agricultural Clubs, service clubs, fairs and other organizations in a semi-official capacity, giving a wider field to their program. The County Agent is also responsible for the upkeep of Camp Long, the State 4-H club camp. The County Agents cooperate with the nutrition committee. There are five corn mills in the county enriching meal and grits.

PUBLICITY

A total of 777 personal letters were written, 2 circular letters prepared with 11,033 copies mailed, 566 press articles published, 30 radio talks given, 1159 bulletins distributed and 1 farm tour held.
1. County Agricultural Committee:

a. The County Agricultural Committee is selected by the County and Home Agents, using recommendations and approvals of key farm men and women of the Communities, other Agricultural Agencies and the County Council of Farm Women.

b. Members of the County Agricultural Committee

<table>
<thead>
<tr>
<th>Name</th>
<th>Address</th>
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<tbody>
<tr>
<td>Ashton Head</td>
<td>Aiken, S. C.</td>
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<tr>
<td>B. W. Crosland</td>
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<tr>
<td>C. J. Asbill</td>
<td>Wagener, S. C.</td>
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<tr>
<td>Monson Morris</td>
<td>Aiken, S. C.</td>
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<tr>
<td>F. W. Atkinson</td>
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<tr>
<td>Mrs Vance Livingston</td>
<td>Salley, S. C.</td>
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<tr>
<td>Mrs E. H. Kaminer</td>
<td>Aiken, S. C.</td>
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<tr>
<td>W. B. Burkhalter</td>
<td>Augusta, Ga., R-4</td>
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<tr>
<td>W. H. Buford</td>
<td>Ellenton, S. C.</td>
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<tr>
<td>J. G. McElmurray</td>
<td>Augusta, Ga., R-4</td>
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<tr>
<td>E. M. Derrick</td>
<td>Trenton, S. C., R-2</td>
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<tr>
<td>J. D. Prothro</td>
<td>Aiken, S. C.</td>
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<td>W. H. McClain</td>
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<td>Mrs J. C. Jones</td>
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<tr>
<td>S. B. Williams</td>
<td>Wagener, S. C., R-2</td>
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<td>Leon Beck</td>
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<td>Mrs J. V. George</td>
<td>Montmorenci, R-1</td>
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<td>Mrs O. A. Whetstone</td>
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<td>Randolph Johnson</td>
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<td>Mrs J. E. Hankinson</td>
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<td>N. J. DeLoach</td>
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<td>Mrs Jerome Morris</td>
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<td>H. B. Salley</td>
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<td>Mrs Carson Cato</td>
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<td>S. B. Williams</td>
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<tr>
<td>John Mile (SCS)</td>
<td>Aiken, S. C.</td>
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<tr>
<td>W. A. Beasley, Labor Assistant</td>
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<td>W. H. Ritter (FHA)</td>
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<tr>
<td>A. H. Hawkins (Voc. Ag.)</td>
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<tr>
<td>C. L. Page (District Forester)</td>
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<td>J. E. Raffield (AAA)</td>
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<td>F. R. Cook</td>
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<tr>
<td>H. C. Coward</td>
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<tr>
<td>G. L. Bigford (PCA)</td>
<td>Aiken, S. C.</td>
</tr>
</tbody>
</table>
Executive Committee

1. A. H. Head
2. B. W. Crosland
3. C. J. Asbill
4. Monson Morris
5. F. W. Atkinson
6. Mrs E. H. Kaminer
7. Mrs Vance Livingston
8. W. B. Burkhalter

Project Committee

1. B. W. Crosland
2. J. D. Prothro
3. J. W. Woodward
4. Ashton Head
5. C. J. Asbill
6. Mrs Vance Livingston
7. S. B. Williams
8. Ashby Kneece
9. Mrs J. E. Hankinson
10. Mrs Jerome Morris
11. J. L. Lever
12. Mrs J. V. George
13. B. W. Crosland
14. J. G. McElmurray
15. H. C. Coward
16. W. H. McClain
17. Ashton Head
18. Mrs Vance Livingston

Farm Labor Committee

The County Agricultural Committee is very much in sympathy with the Farm Labor situation and realize the importance of a special committee to investigate and study the labor problems of the county. This committee works with the County Labor Assistants and renders much help in production and harvesting labor emergencies.

1. B. W. Crosland
2. Ashton Head
3. H. B. Salley
4. Mrs W. H. Buford
5. F. R. Cook
6. Mrs J. E. Hankinson
7. John S. Miley (SCS)
8. W. A. Beasley (FSA)
9. W. H. Ritter (Farm Credit)
10. The County and Home Agents
Veterans Committee

The County Agricultural Committee with the future in mind realizes that when the National Defense Work is over that there must be a readjustment of labor, and therefore, has appointed the following committee to begin plans and suggestions for profitable employment of returned war veterans and defense workers:

1. J. Wiley Woodward
2. J. D. Prothro
3. S. B. Williams
4. Mrs E. H. Kaminer
5. G. L. Bigford
6. County and Home Agents
7. A. H. Hawkins

Nutrition Committee

The County Agricultural Committee realizes that the most important single project is to have a County of healthy people. In order to improve the health they are stressing correct fertilization of the soil, the use of enriched foods, and correct eating habits. The committee also stresses the importance of the school lunch program.

1. Mrs J. E. Hankinson
2. Mrs Carson Cato
3. H. C. Coward
4. F. R. Cook
5. J. E. Raffield
6. County and Home Agents

Marketing Committee

1. J. G. McElmurray  
2. Spurgeon B. Williams  
3. E. M. Derrick  
4. Mrs Vance Livingston  
5. Ashton Head  
6. County and Home Agents  

Members State Committee

1. Mrs J. E. Hankinson  
2. C. J. Asbill  
3. Mrs E. H. Kaminer (Alternate)  

Duties and Responsibilities of Committees

It is the policy of the Aiken County Agricultural Committee to advise with and assist the Extension Agents in planning and carrying out a well-rounded Agricultural Program in the County. It is the responsibility of each member to assist the agents in carrying out the program in their community.
When circumstances justify, any member of the committee should ask the County Agent to call a meeting of the Executive Committee or the entire committee. The County Agent serves as Secretary to the County Agricultural Committee and keeps all records of meetings and projects.

2. Community Agricultural Committee and Neighborhood Leaders

   a. The County is divided into 18 communities with a total of 66 neighborhoods. There are 35 County and Community Leaders and 162 neighborhood leaders, making a total of 197 voluntary leaders.
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<tr>
<td></td>
<td>6. Hawthorne</td>
<td>3</td>
</tr>
</tbody>
</table>
3. Outline map of County showing County, Community and neighborhood leaders.

4. Programs and Campaigns Handled Through Voluntary Leaders in 1947

Liming Program

a - Methods:

1. Encouraging the use of lime by voluntary leaders and P. M. A. Committeemen.

2. Applications taken by P. M. A. Office.


4. Contract with individual for farm delivery and spreading on field at time of delivery.

b - Results:

1. Orders for 7000 tons, secured 7000 tons delivered.

Seeding Fall Grains

a - Methods:

1. Same as 1 and 3 under liming program

b - Results:

1 - 10 - 15% increase in acreage.

Seeding of Winter Legumes

a - Methods:

1. Same as 1, 2 and 3 under liming program.

b - Results:

120,000 pounds of winter legume seed planted

Farm Labor Program

a - Methods:

1. Encouraging and recruiting labor by voluntary leaders.
2. One full time labor assistant employed.
3. Discuss with 4-H clubs.
4. Publicity by Agents.

b - Results:

1. Sufficient labor to harvest all crops at right time without loss.
AIKEN COUNTY
COUNTY AGRICULTURE COMMITTEE NEIGHBORHOOD LEADERS

Ellenton
Jackson
Beech Island
North Augusta

Talatha
Hawthorne

Montmorenci

Aiken
Center

Shaw's Fork

Kitching's Mill

Salley Mill

Wagener

Perry

N. Edisto River

\[ \text{County Committeeman} \]
\[ \text{Community Committeeman} \]
\[ \text{Neighborhood Leaders} \]
\[ \text{Neighborhods} \]
\[ \text{Communities} \]
COUNTY EXTENSION ORGANIZATION

Changes in Aiken County Extension Staff

The following changes were made in the Aiken County Extension personnel during 1947:

1. R. R. Mellette transferred as County Agent August 23, 1947 from Dorchester County to Aiken County, succeeding F. W. Corley, Resigned.

PRESENT EXTENSION STAFF

White Agents

R. R. Mellette, County Agent
C. W. Thompson, Assistant County Agent
W. A. Beasley, Farm Labor Assistant
Alpha Covar, Home Demonstration Agent
Margaret McFadden, Assistant Home Demonstration Agent

Negro Agents

T. H. Hammond, Negro County Agent
Thelma Spigner, Negro Home Demonstration Agent

The County Agents cooperate with the negro agents in carrying on their Program of Work with the negro farm people of Aiken County. They are furnished aid in the form of Program Planning, subject matter, demonstrations, community fairs, and in obtaining specialists help. A monthly conference of both white and negro agents is held on the first Monday of each month at two-thirty.

OTHER ACTIVITIES

The Agents cooperate with the following Agencies in their Plan of Work.

County Agricultural Planning Committee: The County Agricultural Planning Committee acts in an advisory capacity to the County Agents in planning and carrying out a complete program of Agricultural Extension Work in the County. The personnel of this committee is listed in the proceeding section.

Production and Marketing Administration: The County Agent acts in an advisory capacity to the County Committee of this organization. Publicity of the work and program of this organization is done by the County Agent. All details of this program are handled by J. E. Raffield, County Administrative Officer.

Soil Conservation Service: The County Agents cooperate with the work unit technicians and the District Supervisors in carrying on soil conservation work in Aiken County, which is a part of the Edisto Soil Conservation District. The County Agents take care of the publicity for this organization and assist with meetings and demonstrations. The Work Unit Technicians for Aiken County are:

John Miley
Douglass Gregory
J. B. Wakefield
H. J. Hardy (Negro)

Farmers' Home Administration: This organization takes the place of the Farm Security and Seed Loan. The County Agents cooperate with this organization in carrying out their program of work. The County Agent is a member at large of the County Council. The County Agent is called upon to assist in selection of committees and approval of certain phases of work. W. H. Ritter is County Supervisor.

State Forestry Service: The County Agents do educational work in cooperation with the District Forester. He assists the District Forester in securing orders for pine seedlings, and taking applications for selective marking of farm timber. C. L. Page is District Forester with headquarters in Aiken. The farm forester works under the supervision of the District Forester.

Aiken Electric Cooperative Association: Close coordination in Rural Electrification Educational Activities is maintained between the cooperative and the county agents.

Aiken Electric Refrigeration Cooperative Inc: The County Agents cooperate with this organization in an educational way by getting farmers to produce the right varieties of products which keep in cold storage lockers. Also educational work in the use of these lockers and the meat curing plant is carried on. This plant is under the supervision of Mr. Chindler.

Other Agencies: In addition to those mentioned above the County Agents worked with and through the following listed organizations in planning and carrying out the 1947 Program of Extension Work in the County:

Talatha-Hawthorne and New Holland Granges
Farm Bureau
Aiken Productive Credit Association
Aiken County Forestry Protective Association
Twin-States Livestock Association
Exchange Club Fair
Aiken County Council of Farm Women
Agricultural Clubs - Ellenton, Jackson, Beech Island and Sweetwater
Aiken County Health Department
Aiken Chamber of Commerce
Aiken Service Clubs
Hospital Auxiliary
Red Cross
Public Schools
Aiken County Nutrition Committee
Aiken County Lunch Room Project
T. B. Association
Infantile Paralysis Committee
Aiken and Graniteville Club Markets
The Aiken County Legislative Delegation and the County Commissioners have always cooperated fully in helping County Agents put across a complete Agricultural Program in the County. Other organizations, such as garden clubs, conservation clubs and others call on the agents for cooperation in various lines of Agricultural Activities.
PROJECT ACTIVITIES AND RESULTS

AGRICULTURAL ECONOMICS

Work in Agricultural Economics and Farm Management in 1947 included Outlook meetings, complete farm records, County and Community planning, individual farm planning and farm financing.

Outlook Meetings: One County Outlook meeting was held at Aiken with specialists and the District Agent, presented the Outlook information to 150 farm men and women.

Following this meeting the County Agent held 7 community outlook meetings, with an attendance of 194.

County and Community Planning: The County Agricultural Planning Committee in cooperation with the County and Home Agents and other Agricultural Agencies met and worked out a Program of Work for Extension workers of the County for 1948. The Agricultural Outlook played a big part in the formulation of this Program of Work, as well as farmers practical experiences. The committee believes that farm people should be ware of making debts and more than ever before practice the Better Farm Living Program.

Farm Records: Eight Aiken County farmers kept complete farm records on their 1947 operations. These records will be submitted to the Extension Farm Management Division for summary and analysis, the results of which when available, will be used in connection with corresponding records from other counties having a similar type of farming, as a source of factual material for extension work in farm management, and in program planning in Aiken County. A list of the eight farmers keeping complete farm records is given as follows:
**LIST OF COMPLETE FARM RECORD DEMONSTRATIONS - 1947**

<table>
<thead>
<tr>
<th>Name</th>
<th>Address</th>
<th>Size of Farm</th>
<th>Type of Farm</th>
</tr>
</thead>
<tbody>
<tr>
<td>E. L. Richardson</td>
<td>Wagener</td>
<td>270.0</td>
<td>Cotton - Hogs</td>
</tr>
<tr>
<td>F. W. Atkinson</td>
<td>Augusta, R-4</td>
<td>315.0</td>
<td>Truck Crops</td>
</tr>
<tr>
<td>W. B. Burkhalter</td>
<td>Augusta, R-3</td>
<td>150.0</td>
<td>Cotton - Truck</td>
</tr>
<tr>
<td>C. B. Anderson</td>
<td>Aiken</td>
<td>488.0</td>
<td>Livestock</td>
</tr>
<tr>
<td>A. J. DeMedicis</td>
<td>Warreenville</td>
<td>200.0</td>
<td>Dairy</td>
</tr>
<tr>
<td>Lyston Gunter</td>
<td>Wagener</td>
<td>146.0</td>
<td>Dairy</td>
</tr>
<tr>
<td>Eugene Hamlet</td>
<td>Augusta, R-4</td>
<td>220.0</td>
<td>Dairy</td>
</tr>
<tr>
<td>Willie Thomas</td>
<td>Wagener, R-2</td>
<td>77.0</td>
<td>Cotton - Truck</td>
</tr>
</tbody>
</table>

**Cooperation with Farm Credit Agencies:** The County Agents cooperated with the Aiken County Production Credit Association and the Farmers Home Administration in their work of extending credit to the farmers of Aiken County.

The County Agents have advised farmers as to how they could make the best use of these sources of credit and aid, and have acted in an advisory capacity to the Administrative Officers of both Agencies.

The County Agents have also cooperated with the Veterans Administration and advised veterans regarding farm loans under this organization.

**LOANS MADE BY PRODUCTION CREDIT AGENCIES**

<table>
<thead>
<tr>
<th>Agency</th>
<th>No. Farmers</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aiken Production Credit Association</td>
<td>517</td>
<td>$280,870.00</td>
</tr>
<tr>
<td>Farmers Home Administration (Seed Loan)</td>
<td>476</td>
<td>$121,000.00</td>
</tr>
<tr>
<td><strong>TOTALS</strong></td>
<td><strong>993</strong></td>
<td><strong>$401,870.00</strong></td>
</tr>
</tbody>
</table>
The Farmers Home Administration has 420 rehabilitation clients to which they loaned $121,000.00 in 1947, and 56 tenant purchase clients in Aiken County. The Farm Agents have worked with the Supervisors of this organization in furnishing information and working out farm plans for these farmers - clients.

**Individual Farm Planning:** County Agents have given advice and farm plan information to hundreds of farmers in connection with farm management problems in 1947. Complete farm planning has been carried on with 19 farmers.

**FARM LABOR PROGRAM**

Farm Labor Program: One full time Labor Assistant has been employed during 1947. He worked a total of 293 days; 70 in the office and 223 in the field. He made 542 farm visits, received 122 office calls, 65 telephone calls, attended 86 meetings with an attendance of 4559.

The chief jobs of this agent has been with labor saving equipment (tractors, combines, planting and cultivation equipment) and securing farm labor during peach picking, cotton picking, peanut harvesting and sweet potato digging seasons.

One 4-H club tractor maintenance course was conducted by the farm labor assistant with 10 members completing. One of the members of this class won the State 4-H tractor maintenance contest and received a free trip to Chicago to The National Club Congress.

A Farm Labor Survey Show was held with an attendance of 1600. Local equipment dealers and farmers exhibited labor saving equipment.
TVA FARM UNIT TEST DEMONSTRATIONS

The County Agents completed the sixth year of assistance with the Tennessee Valley Authority on 10 Unit Test Farms in 1946. Five new farms were added in 1947, making a total of ten. Demonstrations are established to show the value of a program of land-use adjustment in the interest of soil and water conservation. Each farmer is to keep a farm account record.

Two new farms were added in November 1947. Real work will begin about December 1, 1947. Two old cooperators were dropped.

A comparative study of 5 completed cost accounts of five of the T. V. A. Cooperators reveal many interesting facts. Receipts ranged from $1560.00 to $18,209.00. Income ranged from minus $654.00 to $3,582.00. The crop index was 40 to 116 and the labor efficiency 105 to 393.
<table>
<thead>
<tr>
<th>Item</th>
<th>(1)</th>
<th>(2)</th>
<th>(3)</th>
<th>(4)</th>
<th>(5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Labor income, dollars</td>
<td>2805</td>
<td>-1021</td>
<td>476</td>
<td>118</td>
<td>2517</td>
</tr>
<tr>
<td>Receipts, dollars</td>
<td>12621</td>
<td>1560</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Expenses, dollars</td>
<td>9010</td>
<td>2211</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Farm income, dollars</td>
<td>3582</td>
<td>-654</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Farm income per $100 invested, dollars</td>
<td>18</td>
<td>-7</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Receipts per $100 invested, dollars</td>
<td>65</td>
<td>17</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**SIZE:**

| Crop acres                                                          | 106  |
| Crop acres and open pasture                                        | 126  |
| Total acres in farm                                                | 74.2 |
| Acres of crops                                                     | 135  |
| Investment                                                         | 191.16|
| Work animals                                                       | 3.5  |
| Man-work units, total                                              | 589  |
| Animal units, productive                                           | 13.5 |

**PRODUCTIVITY:**

| Crop yield index                                                   | 116  |
| Cash crop yield index                                              | 112  |
| Lint cotton per acre, pounds                                       | 26   |
| Yield corn per acre, bushels                                        | 32   |
| Yield oats per acre, bushels                                       | 25   |
| Yield wheat per acre, bushels                                      | 1.0  |
| Yield hay per acre, tons                                           | 1.2  |
| Yield sweet potatoes per acre, bu.                                  | 0.7  |
| Dairy sales per cow, dollars                                       | 0.0  |
| Income per sow, dollars                                            | 0.0  |
| Egg income per hen, dollars                                        | 0.0  |

**LABOR EFFICIENCY:**

| Man-work units per man                                             | 105  |
| Percent work done by sharecroppers                                 | 27   |
| Horse-work units per horse                                         | 89   |

**LAND EFFICIENCY:**

| Percent of farm in cropland and open pasture                        | 17   |
| Acres of crops per cultivated acre                                  | 1.27 |

**DIVERSITY:**

| Percent of receipts from cotton                                    | 0    |
| Percent of receipts from livestock                                 | 7    |
| Acres of cropland per animal unit                                  | 5.7  |
| Acres of open pasture per A. U. (cattle)                          | 1.5  |

**DISTRIBUTION OF PRODUCTIVE LIVESTOCK:**

| Milk cows                                                          | 3.0  |
| Other dairy cattle                                                 | 2.0  |
| Beef cows                                                          | 2.5  |
| Other beef cattle                                                  | 0    |
| Brood sows                                                         | 2.0  |
| Other hogs                                                         | 22.0 |
| Hens                                                               | 3.5  |
| Other poultry                                                      | 0    |
### Acres of Perennial Legumes, Permanent Pasture, and Annual Legumes
Together with the Amounts of TVA Phosphate and Lime Used on
Test-Demonstration Farms in Aiken County in 1947

<table>
<thead>
<tr>
<th>Name of Cooperator</th>
<th>Perennial Legumes</th>
<th>Permanent Pasture</th>
<th>Annual Legumes</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Founds : Pounds</td>
<td>of : of</td>
<td>Founds : Pounds</td>
</tr>
<tr>
<td></td>
<td>Phosphate : Lime</td>
<td>of : of</td>
<td>Phosphate : Lime</td>
</tr>
<tr>
<td></td>
<td>Pounds : Pounds</td>
<td>of : of</td>
<td>Pounds : Pounds</td>
</tr>
<tr>
<td></td>
<td>Lime</td>
<td>of : of</td>
<td>Lime</td>
</tr>
<tr>
<td><strong>W. E. Burkhalter</strong></td>
<td>4.9 : 1,460 : -</td>
<td>4.5 : 1,800 : -</td>
<td>10.4 : 1,040 : 20,000</td>
</tr>
<tr>
<td><strong>A. J. DeMedicis</strong></td>
<td>12.8 : 3,850 : 28,000</td>
<td>- : - : -</td>
<td>4.4 : 450 : 10,000</td>
</tr>
<tr>
<td><strong>Eugene Hamlet</strong></td>
<td>- : - : -</td>
<td>- : - : -</td>
<td>29.7 : 4,100 : 66,000</td>
</tr>
<tr>
<td><strong>Willie Thomas</strong></td>
<td>5.7 : 1,740 : 12,000</td>
<td>- : - : -</td>
<td>10.8 : 2,160 : -</td>
</tr>
<tr>
<td><strong>D. M. George</strong></td>
<td>- : - : -</td>
<td>- : - : -</td>
<td>- : - : -</td>
</tr>
<tr>
<td><strong>Iradel McCarty</strong></td>
<td>18.0 : 5,400 : 16,000</td>
<td>6.5 : 2,600 : 10,800</td>
<td>- : - : -</td>
</tr>
<tr>
<td><strong>TOTALS</strong></td>
<td>64.5 : 19,380 : 92,200</td>
<td>40.1 : 15,860 : 73,400</td>
<td>81.4 : 10,360 : 154,000</td>
</tr>
</tbody>
</table>

*Includes Annual Grazing*

---

**Additional Notes:**

- Includes Annual Grazing
- Phosphate and Lime figures for **TOTALS** are rounded to the nearest whole number.
- Data includes acres, pounds, and amounts of Phosphate and Lime used.
- **F. W. Atkinson** shows the highest acreage for Perennial Legumes, while **Iradel McCarty** shows the highest for Annual Legumes.

---

**Footnotes:**

- **Phosphate** and **Lime** usage figures are in pounds.
AGRICULTURAL ENGINEERING

Agricultural Engineering during 1947 included soil conservation, farm buildings, rural electrification, farm water systems, farm machinery and the harvesting and ginning of cotton.

SOIL CONSERVATION

Soil Conservation work for 1947 was in cooperation with the Edisto Soil Conservation District, which includes Aiken County. The Soil Conservation Service in cooperation with the District and three technicians are assigned to this county. Soil Conservation meetings and demonstrations are planned and held in cooperation with the Soil Conservation Service technicians working in the county.

District Farm Plans: During the year 107 district farm plans have been prepared by the Soil Conservation Service Technicians working in the county. This brings the total number of farm plans to 942 for the county. Soil Conservation Service technicians estimate that 70 percent of the Soil Conservation practices planned on these farms have been established.

Terracing: There is one power terracing unit in the county that does some custom work. This outfit is owned by Mackey Scott. Many farmers do a good job with their own farm equipment. Tiller Disc., drag pans and Martin Machines have been used with good results. It is estimated that 115 miles of terraces in 1947 by more than 83 farmers.

Meetings, Tours, Demonstrations: During the year community meetings were held at which the assistance that could be received through the district soil conservation program was explained. One method demonstration was given and one meeting at result demonstration was held.

Summary of Soil Conservation Work: The tables on the following pages give a summary of (1) Extension Educational Activities, (2) Extension Demonstrations in establishing Soil Conservation Practices, and (3) A summary of all soil conservation practices established in the county during the year.

******************************
### Educational Activities, Soil Conservation

December 1, 1946 - November 30, 1947

<table>
<thead>
<tr>
<th>Activity Description</th>
<th>Number</th>
<th>Attended</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Monthly group conferences</td>
<td>1</td>
<td>5</td>
</tr>
<tr>
<td>Agricultural Workers</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Community educational meetings held within district</td>
<td>1</td>
<td>22</td>
</tr>
<tr>
<td>3. Method demonstrations (establishing practices)</td>
<td>2</td>
<td>83</td>
</tr>
<tr>
<td>4. Meetings at Result Demonstrations</td>
<td>1</td>
<td>18</td>
</tr>
<tr>
<td>5. County Agents assist with farm planning</td>
<td>3</td>
<td>9</td>
</tr>
<tr>
<td>6. Informational circular letters</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>7. Informational news articles</td>
<td>2</td>
<td>0</td>
</tr>
<tr>
<td>8. Soil Conservation Exhibits</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>9. County Agents meeting with District Supervisors</td>
<td>3</td>
<td>21</td>
</tr>
<tr>
<td>10. Meetings Soil Conservation Programs with 4-H clubs</td>
<td>12</td>
<td>175</td>
</tr>
<tr>
<td>11. Annual meeting of County Association</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>12. County or Community meetings held on Soil Conservation District Organization</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

-----------------------------
Extension Demonstrations Establishing Soil Conservation Practices

December 1, 1946 - November 30, 1947

1. Perennial lespedeza (meadow strips and field plantings)  3
2. Kudzu (meadow strips and field plantings)  1
3. Strip cropping  1
4. Permanent pastures  2
5. Summer and winter annual grazing crops  5
6. Terrace construction  1
7. Terrace maintenance  3
8. Woodlot management demonstrations  3
9. Forestry practices demonstrations  3
10. Forestry plantings  1

Summary of Soil Conservation Practices Established to June 30, 1947

(Includes farms under District Agreement, widespread applications of soil conservation practices by the District, Extension Demonstrations and others)

1. District farm plans  107
2. Approved rotations (acres)  5,249
3. Strip rotations (acres)  540
4. Kudzu plantings (acres)  22
5. Lespedeza Serecia (acres)  365
6. Alfalfa  1
7. Pasture Improved (acres)  325
8. Trees Planted (acres)  5
9. Woodland improvement (acres)  6,184
10. Terracing (miles)  145
<table>
<thead>
<tr>
<th>Item</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>11. Tons of lime (P. M. A. Conservation material and others)</td>
<td>7,000</td>
</tr>
<tr>
<td>12. Tons acid phosphate P. M. A. Conservation material and others</td>
<td>700</td>
</tr>
<tr>
<td>13. Farm Drainage Acres</td>
<td>71</td>
</tr>
<tr>
<td>14. Fish ponds</td>
<td>3</td>
</tr>
<tr>
<td>15. Cover crops</td>
<td>1606</td>
</tr>
<tr>
<td>16. Water Disposal areas</td>
<td>4</td>
</tr>
</tbody>
</table>
FARM BUILDINGS

Farm Building Plans: Farm Building Plans prepared by the Extension Agricultural Engineering Division were furnished to farmers for the following farm buildings:

**SUMMARY FARM BUILDING PLANS FURNISHED FARMERS**

<table>
<thead>
<tr>
<th>Building</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Poultry Houses</td>
<td>23</td>
</tr>
<tr>
<td>Brooder Houses</td>
<td>15</td>
</tr>
<tr>
<td>Hog Self-Feeders</td>
<td>3</td>
</tr>
<tr>
<td>Calf Creeps</td>
<td>1</td>
</tr>
<tr>
<td>Silos</td>
<td>4</td>
</tr>
<tr>
<td>Sweet Potato Curing Houses (Commercial)</td>
<td>1</td>
</tr>
<tr>
<td>Sweet Potato Curing Houses (A Type Family Size)</td>
<td>5</td>
</tr>
<tr>
<td>Tenant Houses</td>
<td>7</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td>58</td>
</tr>
</tbody>
</table>

Care and Repair of Farm Buildings: Assistance was given in securing plans for remodeling 65 farm buildings to better serve the purpose for which they were built or to serve as storage houses.

RURAL ELECTRIFICATION

The County Agents continue to cooperate with the Aiken Electric Cooperative and the Aiken Refrigeration Cooperative. In 1947 there was 60 miles of new R. E. A. lines put into operation and 350 new farmer-customers added. This brings the total to 485 miles of line serving 1150 farmers. The R. E. A. has an extensive building program underway. They are now making a survey of the entire county locating all farm homes, schools, churches, stores, poultry houses, dairies and other possible users of electricity on a map. They hope to make a complete coverage of the county within the next five years, giving electricity to all farm homes. Farmers are extremely interested in refrigeration and the storage lockers are kept full.

AGRONOMY

Agronomy in 1947 consisted of demonstrations and educational work with each of the major agronomy projects. Summaries and results of demonstrations are listed according to the outline in the Program of Work.
SILOS

Four 150 ton upright concrete tile silos were erected during 1947; one each by G. D. Toole, J. R. McClain, J. B. Grimad, and W. H. Johnson.

FARM MACHINERY

Meetings: One tractor school and two combine schools for owners and operators were held with a total attendance of 180. One tour to the Edisto Experiment Station to see the flame cultivator in operation, the rotary hoe and other cultivating equipment was attended by 25 farmers.

Lespedeza Seed Harvesting: F. E. Cullum, Van Clark, M. T. Shull were given assistance in the harvesting of serecia lespedeza seed.

Harvesting Equipment: 150 farmers were given assistance and advice in the adjustments and parts for various types and kinds of harvesting equipment.

Care and Repair: Letters, newspaper, radio and personal contacts were used in helping farmers with care and repair of farm and household equipment.

Ginning Cotton: All gins in the County were visited and advice and assistance given in gin rolls, speed, samples, etc. Farmers were urged to pick and gin dry cotton. This year the weather was the worse in five years at cotton harvesting time.
MISCELLANEOUS ACTIVITIES

Crop and Fertilizer Meetings: One County-wide crop and fertilizer meeting was held with Extension Specialists and District Agent presenting timely information on crops and fertilizers. This meeting was attended by 150 farmers. The County Agents spoke on fertilizer at four meetings attended by 94 farmers. The Agents were called upon by 700 farmers in regard to fertilizer formulas and crop production. Suggestions on fertilizers for various crops were given to farmers through newspapers and radio.

Tours: The County Agent with eight farmers visited the Edisto Experiment Station, studying cotton demonstrations and methods of cultivation.

COTTON

Five-Acre Cotton Improvement Demonstration: Twenty Aiken County farmers of twenty-three enrolled completed their 5-acre cotton improvement contest demonstrations in 1947 and submitted their records. A summary of these demonstrations follow:

************

- 26 -
### Summary Results of Five-Acre Cotton Improvement Demonstrations

<table>
<thead>
<tr>
<th>Name</th>
<th>Seed Lbs.</th>
<th>Cotton Lbs.</th>
<th>Lint</th>
<th>Crop Cost</th>
<th>Net Profit</th>
<th>Per Lb.</th>
<th>Variety</th>
</tr>
</thead>
<tbody>
<tr>
<td>N. J. DeLoach</td>
<td>15,625</td>
<td>3,276.67</td>
<td>649.85</td>
<td>1627.02</td>
<td>0.11</td>
<td>Coker's 100</td>
<td></td>
</tr>
<tr>
<td>W. A. Coward</td>
<td>10,600</td>
<td>1,573.83</td>
<td>534.16</td>
<td>1093.37</td>
<td>0.13</td>
<td>Coker's 100</td>
<td></td>
</tr>
<tr>
<td>Ward-McNair</td>
<td>11,035</td>
<td>1,498.37</td>
<td>608.73</td>
<td>889.59</td>
<td>0.15</td>
<td>Coker's 100</td>
<td></td>
</tr>
<tr>
<td>Mrs Bessie Weeks</td>
<td>10,115</td>
<td>1,157.38</td>
<td>455.81</td>
<td>902.05</td>
<td>0.13</td>
<td>Coker's 100</td>
<td></td>
</tr>
<tr>
<td>Mrs L. L. Tyler</td>
<td>9,585</td>
<td>1,357.38</td>
<td>455.81</td>
<td>902.05</td>
<td>0.13</td>
<td>Coker's 100</td>
<td></td>
</tr>
<tr>
<td>C. W. Jones</td>
<td>9,190</td>
<td>1,268.23</td>
<td>369.93</td>
<td>898.30</td>
<td>0.11</td>
<td>Coker's 100</td>
<td></td>
</tr>
<tr>
<td>H. C. Coward</td>
<td>9,150</td>
<td>1,333.23</td>
<td>490.81</td>
<td>842.42</td>
<td>0.14</td>
<td>Coker's 100</td>
<td></td>
</tr>
<tr>
<td>Mackey Scott Jr.</td>
<td>9,055</td>
<td>1,383.08</td>
<td>430.91</td>
<td>952.17</td>
<td>0.12</td>
<td>Coker's 100</td>
<td></td>
</tr>
<tr>
<td>B. W. Crosland</td>
<td>9,000</td>
<td>1,277.22</td>
<td>517.98</td>
<td>759.24</td>
<td>0.15</td>
<td>Coker's 100</td>
<td></td>
</tr>
<tr>
<td>C. M. Marvin Jr.</td>
<td>9,000</td>
<td>1,277.22</td>
<td>467.85</td>
<td>809.37</td>
<td>0.14</td>
<td>Coker's 100</td>
<td></td>
</tr>
<tr>
<td>C. B. Shellhouse</td>
<td>8,910</td>
<td>1,262.15</td>
<td>354.86</td>
<td>907.29</td>
<td>0.10</td>
<td>Coker's 100</td>
<td></td>
</tr>
<tr>
<td>J. F. Phillips</td>
<td>8,775</td>
<td>1,210.56</td>
<td>476.42</td>
<td>734.14</td>
<td>0.14</td>
<td>Coker's 100</td>
<td></td>
</tr>
<tr>
<td>C. B. Woolsey</td>
<td>8,665</td>
<td>1,195.57</td>
<td>478.45</td>
<td>717.11</td>
<td>0.14</td>
<td>Marett's</td>
<td></td>
</tr>
<tr>
<td>A. McCord</td>
<td>8,395</td>
<td>1,189.33</td>
<td>438.11</td>
<td>751.22</td>
<td>0.14</td>
<td>Coker's 100</td>
<td></td>
</tr>
<tr>
<td>H. M. Holley</td>
<td>7,915</td>
<td>1,153.25</td>
<td>372.83</td>
<td>780.42</td>
<td>0.12</td>
<td>Coker's 100</td>
<td></td>
</tr>
<tr>
<td>Mrs Nevin Woodward</td>
<td>7,305</td>
<td>1,022.27</td>
<td>448.94</td>
<td>573.33</td>
<td>0.16</td>
<td>Coker's 100</td>
<td></td>
</tr>
<tr>
<td>H. O. Weeks</td>
<td>7,380</td>
<td>1,020.67</td>
<td>415.22</td>
<td>605.45</td>
<td>0.15</td>
<td>Coker's 100</td>
<td></td>
</tr>
<tr>
<td>Geo. P. Rish</td>
<td>6,535</td>
<td>2,117.69</td>
<td>903.69</td>
<td>330.06</td>
<td>0.135</td>
<td>Coker's 100</td>
<td></td>
</tr>
<tr>
<td>J. H. McElmurray</td>
<td>4,535</td>
<td>1,675.07</td>
<td>725.97</td>
<td>260.51</td>
<td>0.15</td>
<td>Coker's 100</td>
<td></td>
</tr>
<tr>
<td>K. C. Byars</td>
<td>2,510</td>
<td>935.61</td>
<td>275.68</td>
<td>92.93</td>
<td>0.29</td>
<td>Coker's 100</td>
<td></td>
</tr>
</tbody>
</table>

Average Yield Lint per Acre - 61.25 lbs.
Average Value per Acre - $246.86
County Average 1947 - 390 lbs.
Average Cost per lb. - 13.0¢ per lb.
County Average Value 1947 prices - $93.00
Average Percent Lint - 37%
Summary of Cotton Contest Demonstrations Records 1936 - 1947

Following is a yearly summary of the results of the five-acre cotton contest demonstrations in Aiken County for the period 1936 - 1947:

Summary Results of Cotton Contest Demonstrations - 1936 - 1947

<table>
<thead>
<tr>
<th>Year</th>
<th>No.</th>
<th>Lbs. Lint</th>
<th>Value</th>
<th>Cost</th>
<th>Profit Per Acre</th>
</tr>
</thead>
<tbody>
<tr>
<td>1936</td>
<td>18</td>
<td>688</td>
<td>$115.40</td>
<td>$35.22</td>
<td>$ 80.18</td>
</tr>
<tr>
<td>1937</td>
<td>26</td>
<td>595</td>
<td>$ 73.60</td>
<td>$33.60</td>
<td>$ 40.00</td>
</tr>
<tr>
<td>1938</td>
<td>21</td>
<td>596</td>
<td>$ 81.28</td>
<td>$33.28</td>
<td>$ 48.00</td>
</tr>
<tr>
<td>1939</td>
<td>34</td>
<td>673</td>
<td>$ 77.11</td>
<td>$35.08</td>
<td>$ 42.03</td>
</tr>
<tr>
<td>1940</td>
<td>24</td>
<td>671</td>
<td>$ 80.24</td>
<td>$35.64</td>
<td>$ 44.44</td>
</tr>
<tr>
<td>1941</td>
<td>25</td>
<td>470</td>
<td>$100.72</td>
<td>$35.80</td>
<td>$ 64.84</td>
</tr>
<tr>
<td>1942</td>
<td>15</td>
<td>549</td>
<td>$132.54</td>
<td>$41.89</td>
<td>$ 90.65</td>
</tr>
<tr>
<td>1943</td>
<td>8</td>
<td>690</td>
<td>$187.62</td>
<td>$53.80</td>
<td>$133.82</td>
</tr>
<tr>
<td>1944</td>
<td>13</td>
<td>774</td>
<td>$198.66</td>
<td>$74.66</td>
<td>$124.00</td>
</tr>
<tr>
<td>1945</td>
<td>17</td>
<td>603</td>
<td>$144.61</td>
<td>$77.79</td>
<td>$ 66.82</td>
</tr>
<tr>
<td>1946</td>
<td>16</td>
<td>705</td>
<td>$296.72</td>
<td>$79.12</td>
<td>$218.85</td>
</tr>
<tr>
<td>1947</td>
<td>20</td>
<td>642</td>
<td>$246.86</td>
<td>$84.22</td>
<td>$162.64</td>
</tr>
</tbody>
</table>

The 5-Acre Cotton Improvement Contest demonstrations have been largely responsible for the improvement in length of staple produced in Aiken County and for the increase in yield over a period of years. Boll weevil damage cut the 1947 yield of cotton about 10%.
One Variety County: All the cotton farmers of the county have qualified as a one variety county, making all gins in the county eligible for Federal Cotton Grading upon payment of the necessary bond. This resulted in better grades of cotton and naturally increased the prices paid farmers who had their cotton graded before offering it for sale.

Silage

Silage Production: Since 1942 more than 20 silos have been constructed in the County and every farmer who has used silage either for beef or milk production is well pleased and have realized that silage is the cheapest food on their farm. Several farmers used Hegari for ensilage this year and they think it is O. K. It is hoped that several records can be made in 1948.

Soil Improvement

Soil Improvement Crops: A campaign for cover crops was put on and one of the largest acreages on record was planted. Results from Extension demonstrations have really resulted in the increased demand for cover crop seed. All other publicity aids were used.
CORN PRODUCTION

During 1947 the campaign to increase the yield of corn per acre, was given special attention with two high nitrogen demonstrations, hybrid variety demonstration and liming demonstrations. The results of these demonstrations follow:

Corn Fertilizer Demonstrations

<table>
<thead>
<tr>
<th>Name</th>
<th>Variety</th>
<th>Fertilizer</th>
<th>Yield pr Acre (Bushel)</th>
</tr>
</thead>
<tbody>
<tr>
<td>F. W. Atkinson</td>
<td>G 714</td>
<td>Funk's 400-3-9-9</td>
<td>87 Bushels</td>
</tr>
<tr>
<td>F. W. Atkinson</td>
<td>G 714</td>
<td>Funk's 400-3-9-9</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Blue Lupine - Green Manure</td>
<td>85.8 Bushels</td>
</tr>
</tbody>
</table>

One of the outstanding observations was how the corn stood the drought, where light applications of ammonia were used the corn "fired".

Hybrid Corn Demonstrations

<table>
<thead>
<tr>
<th>Name</th>
<th>Variety</th>
<th>Acres</th>
<th>Fertilizer</th>
<th>Yield per Acre (Bushel)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Charlie Fox</td>
<td>0-708</td>
<td>1</td>
<td>200#/3-10-10 Calnitro</td>
<td>41.3 bushels</td>
</tr>
<tr>
<td>Charlie Fox</td>
<td>1005</td>
<td>1</td>
<td>125#/ Calnitro</td>
<td>45.6 bushels</td>
</tr>
<tr>
<td>H. C. Coward</td>
<td>0-708</td>
<td>1</td>
<td>250#/3-9-9 Calnitro</td>
<td>38.2 bushels</td>
</tr>
<tr>
<td>H. C. Coward</td>
<td>1001</td>
<td>1</td>
<td>250#/12-3-2 Calnitro</td>
<td>56.3 bushels</td>
</tr>
<tr>
<td>F. W. Atkinson</td>
<td>G 714</td>
<td>1</td>
<td>500#/ Calnitro</td>
<td>87.0 bushels</td>
</tr>
<tr>
<td>F. W. Atkinson</td>
<td>G 714</td>
<td>1</td>
<td>Blue Lupine -</td>
<td>85.8 bushels</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Cover Crop Turned</td>
<td></td>
</tr>
</tbody>
</table>

Average Yield per Acre 59.0 bushels

Farmers on the average get a higher yield per acre from Hybrid Corn plantings, but the chief objection to Hybrid is the higher weevil damage in the field and in storage. Also, farmers have found in every demonstration where cover crops and high ammoniated fertilizers were used, that they got better yields and the corn stood droughts better.
SMALL GRAINS

There has been a 15 - 20 percent increase in the average of small grains for grazing, cover crops, hay, and grain in 1946-1947. The fall planting in 1947 is heavier.

Oats Production: Four demonstrations in the production of oats for grain were completed in 1947; a summary of which is given below:

<table>
<thead>
<tr>
<th>Name</th>
<th>Variety</th>
<th>Acres:Yield (Bu.):Acre (Bu.):Cost</th>
<th>Value</th>
<th>Profit</th>
</tr>
</thead>
<tbody>
<tr>
<td>F. W. Atkinson</td>
<td>Fulgrain</td>
<td>5:200:40</td>
<td>$126.81</td>
<td>$170.00</td>
</tr>
<tr>
<td>McNair-Ward</td>
<td>Fulghum</td>
<td>5:170:34</td>
<td>$93.06</td>
<td>$144.50</td>
</tr>
<tr>
<td>H. C. Coward</td>
<td>Fulgrain</td>
<td>5:200:40</td>
<td>$87.62</td>
<td>$170.00</td>
</tr>
<tr>
<td>Grady McElmurray</td>
<td>Fulghum</td>
<td>5:200:40</td>
<td>$91.14</td>
<td>$170.00</td>
</tr>
<tr>
<td>TOTALS</td>
<td></td>
<td>20:770</td>
<td>$398.63</td>
<td>$654.50</td>
</tr>
<tr>
<td>AVERAGE PER ACRE</td>
<td></td>
<td></td>
<td>38.5</td>
<td>$12.93</td>
</tr>
</tbody>
</table>

These demonstrations show an average yield of 38.5 bushels per acre, as a result of heavier seeding and fertilizers, as compared to an average of 22 bushels, for the State. Usually the yield is higher but bad weather conditions cut the yield. The cost per bushel including rent of land, fertilizer, labor, threshing, etc., was 51½ cents per bushel, yielded a profit of $12.79 per acre.

Through cooperative orders and in individual orders 55 farmers were assisted in obtaining 380 bushels of improved seed oats for fall seedling.

Several farmers were assisted, in having seed oats certified under the new law.

*******************************
Wheat Production: Four demonstrations in wheat production were completed in 1947. A summary of these demonstrations follow:

Summary of Wheat Demonstrations

<table>
<thead>
<tr>
<th>Name</th>
<th>Variety</th>
<th>Acres</th>
<th>Yield</th>
<th>Total</th>
<th>Cost</th>
<th>Value</th>
<th>Profit</th>
</tr>
</thead>
<tbody>
<tr>
<td>D. M. George</td>
<td>Red Heart</td>
<td>5</td>
<td>100</td>
<td>20</td>
<td>$152.85</td>
<td>$300.00</td>
<td>$147.15</td>
</tr>
<tr>
<td>F. W. Atkinson</td>
<td>Red Heart</td>
<td>5</td>
<td>100</td>
<td>20</td>
<td>$133.05</td>
<td>$210.00</td>
<td>$76.95</td>
</tr>
<tr>
<td>McNair-Ward</td>
<td>Red Heart</td>
<td>5</td>
<td>60</td>
<td>12</td>
<td>$101.76</td>
<td>$126.00</td>
<td>$24.24</td>
</tr>
<tr>
<td>Tom McGee</td>
<td>Red Heart</td>
<td>5</td>
<td>100</td>
<td>20</td>
<td>$158.29</td>
<td>$210.00</td>
<td>$51.71</td>
</tr>
</tbody>
</table>

TOTALS: 20 360 18.0 $27.30 $42.30 $15.00

This record shows better fertilizer, seed, and improved methods resulted in an average yield of 18 bushels of wheat per acre, as compared to a county average of 12 bushels. The cost of production per bushel was $1.51 and a profit of $15.00 per acre.

As a result of the Extension Services Program of Better Farm Living and Food and Feed Production the acreage and yield of wheat has been increased nearly a 100 percent in the last 10 years.

Rye Demonstrations: One demonstration was completed in 1947. A summary follows:

Rye Demonstration (Summary of )

<table>
<thead>
<tr>
<th>Name</th>
<th>Variety</th>
<th>Acres: (Bu.)</th>
<th>Yield</th>
<th>Per Acre: Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>McNair-Ward</td>
<td>Abruzzi</td>
<td>5</td>
<td>90</td>
<td>18</td>
</tr>
</tbody>
</table>

The yield of rye production per acre was 18 bushels and very much higher than the county average. Most of the rye planted in the county is practically all for grazing. A small acreage for cover crop.
Barley Production: One barley demonstration was completed in 1947. A summary follows:

Summary of Barley Demonstration

<table>
<thead>
<tr>
<th>Name</th>
<th>Variety</th>
<th>Acres</th>
<th>Yield (Bu.)</th>
<th>Acre (Bu.)</th>
<th>Cost</th>
<th>Value</th>
<th>Profit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Marett's</td>
<td>Awnless</td>
<td>5</td>
<td>150</td>
<td>30</td>
<td>$119.35</td>
<td>$180.00</td>
<td>$60.65</td>
</tr>
</tbody>
</table>

There is very little barley planted in the county, although it can be grown successfully. The chief reason for not planting may be its damage by weevils and other insects.
**Legumes for Hay**

Lespedeza for Hay Production: Three demonstrations of lespedeza for hay production was completed in 1947. A summary of these demonstrations follow:

**Summary of Demonstrations of Lespedeza for Hay Production**

<table>
<thead>
<tr>
<th>Name</th>
<th>Variety</th>
<th>Acres</th>
<th>Tons</th>
<th>Production</th>
<th>Ton</th>
<th>Cost</th>
<th>Cost Per</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>F. W. Atkinson</td>
<td>Kobe</td>
<td>8</td>
<td>1(\frac{1}{4})</td>
<td>$24\frac{1}{4}.00$</td>
<td>$4.48$</td>
<td>$204.00$</td>
<td>$204.00$</td>
<td></td>
</tr>
<tr>
<td>B. W. Crosland</td>
<td>Kobe</td>
<td>7</td>
<td>1(\frac{1}{4})</td>
<td>$21\frac{1}{4}.00$</td>
<td>$4.20$</td>
<td>$206.00$</td>
<td>$206.00$</td>
<td></td>
</tr>
<tr>
<td>Owens Bros.</td>
<td>Kobe</td>
<td>12</td>
<td>2(\frac{1}{4})</td>
<td>$40\frac{1}{4}.00$</td>
<td>$8.40$</td>
<td>$436.00$</td>
<td>$436.00$</td>
<td></td>
</tr>
<tr>
<td><strong>TOTALS</strong></td>
<td></td>
<td>27</td>
<td>52</td>
<td>$862.00$</td>
<td>$17.08$</td>
<td>$846.00$</td>
<td>$846.00$</td>
<td></td>
</tr>
<tr>
<td><strong>Averages Per Acre</strong></td>
<td></td>
<td>1.9</td>
<td></td>
<td>$32.00$</td>
<td></td>
<td>$31.30$</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Cost records on these demonstrations included the price of seed, rent of land, man, mule and tractor labor involved, harvesting and handling the crop.

Interest in lespedeza as a hay crop has increased during the past five years. It is now one of our best hay crops, due to its ease of curing in a short period coupled with a heavy yield.
**Legumes for Seed**

Lespedeza for Seed: Two demonstrations of lespedeza for seed were completed in 1947. A summary of these demonstrations follow:

<table>
<thead>
<tr>
<th>Name</th>
<th>Acres</th>
<th>Variety</th>
<th>Yield Lbs.</th>
<th>Per Acre</th>
<th>Seed Lb.</th>
<th>Value</th>
<th>Profit</th>
</tr>
</thead>
<tbody>
<tr>
<td>F. E. Cullum</td>
<td>11</td>
<td>Serecia</td>
<td>7865</td>
<td>715</td>
<td>$1258.40</td>
<td>$1258.40</td>
<td>$908.60</td>
</tr>
<tr>
<td>M. T. Shull</td>
<td>5</td>
<td>Serecia</td>
<td>1500</td>
<td>300</td>
<td>$240.00</td>
<td>$240.00</td>
<td>$287.50</td>
</tr>
<tr>
<td><strong>TOTALS</strong></td>
<td>16</td>
<td></td>
<td>9365</td>
<td></td>
<td></td>
<td>$1498.40</td>
<td>$1196.10</td>
</tr>
<tr>
<td><strong>AVERAGE PER ACRE</strong></td>
<td></td>
<td></td>
<td>580</td>
<td></td>
<td></td>
<td>$93.00</td>
<td>$74.50</td>
</tr>
</tbody>
</table>

Lupine for Seed: Two demonstrations of lupine for seed were completed in 1947. A summary of these demonstrations follow:

<table>
<thead>
<tr>
<th>Name</th>
<th>Acres</th>
<th>Variety</th>
<th>Yield Lbs.</th>
<th>Per Acre</th>
<th>Value Seed</th>
<th>Cost</th>
<th>Profit</th>
</tr>
</thead>
<tbody>
<tr>
<td>F. W. Atkinson</td>
<td>5</td>
<td>Blue</td>
<td>5,000</td>
<td>1,000</td>
<td>$300.00</td>
<td>$65.70</td>
<td>$234.31</td>
</tr>
<tr>
<td>McNair-Ward</td>
<td>5</td>
<td>Blue</td>
<td>3,000</td>
<td>600</td>
<td>$180.00</td>
<td>$66.42</td>
<td>$113.58</td>
</tr>
<tr>
<td><strong>TOTALS</strong></td>
<td>10</td>
<td></td>
<td>8,000</td>
<td></td>
<td>$480.00</td>
<td>$132.12</td>
<td>$347.89</td>
</tr>
<tr>
<td><strong>AVERAGE PER ACRE</strong></td>
<td></td>
<td></td>
<td>800</td>
<td></td>
<td>$48.00</td>
<td>$13.21</td>
<td>$34.80</td>
</tr>
</tbody>
</table>

************

- 35 -
ANIMAL HUSBANDRY

Animal Husbandry Extension Work in Aiken County in 1947 consisted of educational demonstration work with swine and beef cattle.

Swine

1947 Extension Program included the placing of purebred sires, females, feeding and educational work to increase the number of hogs and producers. The County Agents secured the services of veterinarians to treat 500 swine for cholera for 73 farmers.

Record of Purebred Boars Placed - 1947

<table>
<thead>
<tr>
<th>Name</th>
<th>No. Boars</th>
<th>Breed</th>
<th>Age</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eugene Kneece</td>
<td>1</td>
<td>Duroc</td>
<td>3 months</td>
<td>$25.00</td>
</tr>
</tbody>
</table>

TOTAL: 1 boar, $25.00

Summary Placing of Purebred Boars 1941 - 1947

<table>
<thead>
<tr>
<th>Year</th>
<th>No. Placed</th>
</tr>
</thead>
<tbody>
<tr>
<td>1941</td>
<td>3</td>
</tr>
<tr>
<td>1942</td>
<td>4</td>
</tr>
<tr>
<td>1943</td>
<td>4</td>
</tr>
<tr>
<td>1944</td>
<td>3</td>
</tr>
<tr>
<td>1945</td>
<td>3</td>
</tr>
<tr>
<td>1946</td>
<td>5</td>
</tr>
<tr>
<td>1947</td>
<td>1</td>
</tr>
<tr>
<td>TOTAL</td>
<td>23</td>
</tr>
</tbody>
</table>
Beef Cattle

Beef Cattle work in 1947 consisted of placing purebred sires, heifers, feeders and feeding.

Purebred Sires Purchased: Three purebred bulls were purchased in 1947. A summary of these placings follow:

<table>
<thead>
<tr>
<th>Name</th>
<th>Bulls</th>
<th>Breed</th>
<th>Age</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>L. Jordan</td>
<td>1</td>
<td>Hereford</td>
<td>2 years</td>
<td>$350.00</td>
</tr>
<tr>
<td>H. Woodhead</td>
<td>1</td>
<td>Hereford</td>
<td>18 months</td>
<td>$275.00</td>
</tr>
<tr>
<td>E. Kneece</td>
<td>1</td>
<td>Angus</td>
<td>10 months</td>
<td>$200.00</td>
</tr>
<tr>
<td><strong>TOTALS</strong></td>
<td><strong>3</strong></td>
<td></td>
<td></td>
<td><strong>$825.00</strong></td>
</tr>
</tbody>
</table>

Summary of Purebred Beef Bulls Placed - 1941 - 1947

<table>
<thead>
<tr>
<th>Year</th>
<th>No. Placed</th>
</tr>
</thead>
<tbody>
<tr>
<td>1941</td>
<td>2</td>
</tr>
<tr>
<td>1942</td>
<td>5</td>
</tr>
<tr>
<td>1943</td>
<td>9</td>
</tr>
<tr>
<td>1944</td>
<td>8</td>
</tr>
<tr>
<td>1945</td>
<td>3</td>
</tr>
<tr>
<td>1946</td>
<td>12</td>
</tr>
<tr>
<td>1947</td>
<td>3</td>
</tr>
<tr>
<td><strong>TOTALS</strong></td>
<td><strong>42</strong></td>
</tr>
</tbody>
</table>
Purebred Heifers Purchased: One farmer purchased 10 purebred heifers in 1947. A summary of these placings follow:

Summary of Purebred Heifers Purchased in 1947

<table>
<thead>
<tr>
<th>Name</th>
<th>No.</th>
<th>Breed</th>
<th>Age</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>E. H. Kneece</td>
<td>10</td>
<td>Angus</td>
<td>10 - 12 months</td>
<td>$1500.00</td>
</tr>
<tr>
<td>TOTAL</td>
<td>10</td>
<td></td>
<td></td>
<td>$1500.00</td>
</tr>
</tbody>
</table>

4-H Beef Steers: Eleven boys were assisted with the purchase of 11 steers to be fed for the Fat Cattle Show in Augusta. A summary of these steers follow:

Summary of 4-H Beef Steers Purchased in 1947

<table>
<thead>
<tr>
<th>Name</th>
<th>Number Steers</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tillman Johnson</td>
<td>1</td>
<td>$85.00</td>
</tr>
<tr>
<td>Dent Johnson</td>
<td>1</td>
<td>$75.00</td>
</tr>
<tr>
<td>Sam Greene</td>
<td>1</td>
<td>$80.00</td>
</tr>
<tr>
<td>Jim Greene</td>
<td>1</td>
<td>$85.00</td>
</tr>
<tr>
<td>Bill Greene</td>
<td>1</td>
<td>$60.00</td>
</tr>
<tr>
<td>Jess McElmurray</td>
<td>7</td>
<td>$690.00</td>
</tr>
<tr>
<td>Tom McElmurray</td>
<td>2</td>
<td>$180.00</td>
</tr>
<tr>
<td>Pete McElmurray</td>
<td>2</td>
<td>$135.00</td>
</tr>
<tr>
<td>Jim Furtick</td>
<td>1</td>
<td>$75.00</td>
</tr>
<tr>
<td>Fred Plunkett</td>
<td>1</td>
<td>$85.00</td>
</tr>
<tr>
<td>Jean Woodward</td>
<td>1</td>
<td>$74.00</td>
</tr>
<tr>
<td>TOTALS</td>
<td>11</td>
<td>19</td>
</tr>
</tbody>
</table>

The County Agents did practically all of the selection of the above calves either from parent herds or purchased from breeders.
DAIRYING

Extension work in dairying for 1947 included educational work in the placement of approved purebred sires, breeding records, purchasing of purebred cows and heifers, growing and curing of quality roughages, silage production, annual grazing crops, selection of land for permanent pastures, the use of dairy equipment, marketing, milk route studies, milk production for home use and miscellaneous.

Dairying in Aiken County has made a considerable increase during the past four years. Most of the increase has come with farmers using this industry to help balance their crop system of farming which has been on a sound basis. There is a need for more milk in the county. One of the big problems is the production of sufficient milk and milk products for home consumption, and the production of sufficient food and pastures.

PUREBRED SIRES

Purebred Sires Placed: Seven farmers purchased purebred dairy bulls during 1947. A summary of the bulls purchased follows:

Summary of Purebred Dairy Bulls Placed in 1947

<table>
<thead>
<tr>
<th>Name</th>
<th>Number</th>
<th>Breed</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>William Foster</td>
<td>1</td>
<td>Guernsey</td>
<td>$275.00</td>
</tr>
<tr>
<td>L. C. Gunter</td>
<td>1</td>
<td>Guernsey</td>
<td>$425.00</td>
</tr>
<tr>
<td>A. A. Foreman</td>
<td>1</td>
<td>Guernsey</td>
<td>$300.00</td>
</tr>
<tr>
<td>D. T. Mathis</td>
<td>1</td>
<td>Jersey</td>
<td>$350.00</td>
</tr>
<tr>
<td>J. B. McClain</td>
<td>1</td>
<td>Guernsey</td>
<td>$300.00</td>
</tr>
<tr>
<td>R. L. McKie</td>
<td>1</td>
<td>Guernsey</td>
<td>$200.00</td>
</tr>
<tr>
<td>A. J. DeMedicis</td>
<td>1</td>
<td>Guernsey</td>
<td>$300.00</td>
</tr>
<tr>
<td><strong>TOTALS</strong></td>
<td><strong>7</strong></td>
<td></td>
<td><strong>$2150.00</strong></td>
</tr>
</tbody>
</table>
Purebred Heifers

Purebred Heifers Placed: Eight purebred heifers were placed in 1947 with three farmers. A summary of these heifers follow:

Summary of Purebred Dairy Heifers Placed in 1947

<table>
<thead>
<tr>
<th>Name</th>
<th>Number</th>
<th>Breed</th>
<th>COST</th>
</tr>
</thead>
<tbody>
<tr>
<td>L. C. Gunter</td>
<td>3</td>
<td>Guernsey</td>
<td>$1,355.00</td>
</tr>
<tr>
<td>Davis Shull</td>
<td>2</td>
<td>Guernsey</td>
<td>$450.00</td>
</tr>
<tr>
<td>Pennington Dairy</td>
<td>3</td>
<td>Guernsey</td>
<td>$135.00</td>
</tr>
<tr>
<td>TOTALS</td>
<td>8</td>
<td></td>
<td>$1,940.00</td>
</tr>
</tbody>
</table>

Grade Dairy Cattle

The demand for milk has been excellent and every dairymen contacted in the county could use from 5 gallons to as high as 40 gallons more per days. As a consequence many grade milk cows have been bought, as will be purebred cows without a pedigree. William Foster has a herd of 30 Guernseys worth $5500.00, purchased in 1947, J. R. McClain bought 10 worth $1500.00, B. W. Crosland 5 for $1250.00, Eugene Hamlet 16 for $2000.00, J. B. McClain 7 for $1200.00, W. H. Johnson 6 for $900.00, Grady McElmurray 2 for $330.00. A total of 76 head of cattle for $10,680.00. An increase in more cows and higher producers will be stressed during 1948.

Hay Production

Hay Production: Five demonstrations on growing and curing quality hay were completed and are discussed under the Agronomy section.

Annual Grazing

Annual Grazing Crop: Publicity and assistance has been given dairymen in the production of annual grazing throughout the year. Most dairymen in the county are doing a good job with annual grazing. They are using more seed and fertilizer per acre.
ENTOMOLOGY AND PLANT PATHOLOGY

Extension work in Entomology and Plant Pathology in Aiken County during 1947 was concerned with crop disease, crop pests, beekeeping and fence post treatment.

Diseases

Small Grain Disease Control: Dust treatment of small grain seed for diseases has become an established practice. Practically all seed grain were treated for the 1947 - 1948 crop.

A serious outbreak of new small grain diseases occurred in 1947 and so far the Agricultural Department has found no preventive, further studies are being made. Several samples of small grain seed were sent to the laboratory and spores were found in several samples.

A seed treating plant has been opened at Aiken for business and is meriting a long felt need.

Insects

Boll Weevil Control: Boll weevil damage was very severe in all of the county in 1947. This was one year when all methods of weevil control were successful. Weevil damage in some sections was high as 95%. In addition to calcium arsenate, the new poisons (dust) D. D. T. and B. H. C. were very effective. Apparently B. H. C. in Aiken County was the best weevil killer ever used. A detailed report was sent in to Cecil Jordan, Clemson Extension Service. 1,008 gallons of molasses were delivered for control of boll weevil and 1,000 #arsenate.

Caterpillar Control: Worms destroyed prospective hay crops and grazing crops and also lawns in towns as well. 10 percent D. D. T., on lawns killed all worms. Cryolite is still a good control.

Livestock & Household Pests: All possible publicity was given in the use of insecticides and there has been a 75% for better control of the livestock and household pests.

Fence Post Treatment: Plans are being made to open a plant for the treating of fence post at an early date. This service is needed by all farmers in the county and should prove helpful and successful.

Weed Control: Several good weed killers are on the market but not all are proved as yet. It is hoped that the cyanamide treatment can be used on wild mustard.
Beekeeping

The Agents work in Beekeeping in 1947 was requeening for 6 farmers. Bee yard management was discussed with 3 bee keepers.
FORESTRY

Forestry Extension work in 1947 included demonstrations in farm woodland management, selective cutting, thinning, timber estimating and log scaling, 4-H club work, advice in fire prevention, forest insects and marketing.

Woodland Examinations and Selective Cuttings

Any farmer in Aiken County can receive a woodland examination of his property by merely asking the County Agent for this service. The County Agent secures the services of Extension Forester or representative of the State Forest Service to make the examination. The farmers of the county also have the choice of learning to mark and scale trees to be removed or of hiring the work done at a reasonable charge.

Summary of Woodland Examinations and Marking of Timber in 1947

<table>
<thead>
<tr>
<th>Name</th>
<th>No. Acres Examined</th>
<th>No. Acres Marked</th>
<th>Board Ft. Marked</th>
<th>Pulp Wood Cords</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lawton, T. B.</td>
<td>98</td>
<td></td>
<td>295,170</td>
<td></td>
</tr>
<tr>
<td>Cook, Myrtle</td>
<td></td>
<td></td>
<td></td>
<td>21</td>
</tr>
<tr>
<td>Fowke, C. C.</td>
<td></td>
<td></td>
<td>615,150</td>
<td></td>
</tr>
<tr>
<td>Woolsey, C. E.</td>
<td>50</td>
<td></td>
<td>137,130</td>
<td>50</td>
</tr>
<tr>
<td>Johnson, Bessie</td>
<td></td>
<td></td>
<td>63,650</td>
<td></td>
</tr>
<tr>
<td>McLemurray, E. W.</td>
<td></td>
<td></td>
<td>203,000</td>
<td></td>
</tr>
<tr>
<td>McLemurray, J. George</td>
<td></td>
<td></td>
<td>141,440</td>
<td></td>
</tr>
<tr>
<td>Morague, A. L.</td>
<td>250</td>
<td></td>
<td>50,000</td>
<td></td>
</tr>
<tr>
<td>Bryan, Roy</td>
<td>1200</td>
<td></td>
<td>110,000</td>
<td></td>
</tr>
<tr>
<td>Johnson, Bessie</td>
<td></td>
<td></td>
<td>30,710</td>
<td></td>
</tr>
<tr>
<td>Walker, J. M.</td>
<td>40</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Coleman, W. B.</td>
<td>20</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Payton, C. L.</td>
<td></td>
<td></td>
<td>52,155</td>
<td></td>
</tr>
<tr>
<td>Haskell, A. C.</td>
<td>60</td>
<td></td>
<td>1,500</td>
<td></td>
</tr>
<tr>
<td>Billings, J. S.</td>
<td></td>
<td></td>
<td>112,680</td>
<td></td>
</tr>
<tr>
<td>Woodward, Maude</td>
<td>50</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nettles, Fred</td>
<td></td>
<td></td>
<td>15,060</td>
<td></td>
</tr>
<tr>
<td>Weeks, Janie W.</td>
<td>25</td>
<td></td>
<td>100,000</td>
<td></td>
</tr>
<tr>
<td>Hammond, C. C. F.</td>
<td>175</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lindgren, E. N.</td>
<td>120</td>
<td></td>
<td>100,000</td>
<td></td>
</tr>
<tr>
<td>Miles, Kelly</td>
<td>50</td>
<td></td>
<td>100,000</td>
<td></td>
</tr>
<tr>
<td>Salley, J. E.</td>
<td>30</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Brinkley, F. C.</td>
<td>35</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chafee, Leona</td>
<td>77</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Willis, Austin</td>
<td>40</td>
<td></td>
<td>49,860</td>
<td></td>
</tr>
<tr>
<td>Green, C. H.</td>
<td>30</td>
<td></td>
<td>33,925</td>
<td>300</td>
</tr>
<tr>
<td>Galloway, M.</td>
<td>20</td>
<td></td>
<td>50,000</td>
<td></td>
</tr>
<tr>
<td>TOTALS</td>
<td>2132</td>
<td>104</td>
<td>2085,900</td>
<td>361</td>
</tr>
</tbody>
</table>
Five Acre Pulpwood Thinning Contest

$125.00 District Prize was won by Mr. Doby Rish, Wagener, S. C. This has resulted in greater interest in Aiken County Forestry work.

Tree Planting

The County Agents cooperated with the Soil Conservation Service, South Carolina State Forest Service and the Aiken County Forest Protective Association in promoting the planting of trees. More trees would have been planted had the seedlings been available.

Summary of Trees Planted in 1947

<table>
<thead>
<tr>
<th>Loblolly</th>
<th>Longleaf</th>
<th>Slash</th>
<th>Cork</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>61,000</td>
<td>1,000</td>
<td>29,000</td>
<td>0</td>
<td>91,000</td>
</tr>
</tbody>
</table>

Rural Fire Prevention Program

The County Agents cooperate with the Aiken County Forest Protective Association in their program to control fires in Aiken County. News Articles, radio, discussions at meetings, and material distributed to 4-H club members was used in the fire prevention campaign.

General

The County Agents attended a one day forestry school conducted by the Extension Forester. This school was very helpful and brought the agents up-to-date on the latest forestry practices.

Plantings for 1947

The following planted trees during the winter of 1946 - 1947 - One tree planting demonstration was held with 11 present.
# DISTRIBUTION OF SEEDLINGS FOR FISCAL YEAR 1946-47
## Aiken County

<table>
<thead>
<tr>
<th>NAME</th>
<th>ADDRESS</th>
<th>SPECIES</th>
<th>NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bell, Arthur</td>
<td>Ridge Spring</td>
<td>Loblolly</td>
<td>3,000</td>
</tr>
<tr>
<td>Bowie, Andrew</td>
<td>Aiken</td>
<td>Loblolly</td>
<td>4,000</td>
</tr>
<tr>
<td>Brayboy, Lucious</td>
<td>Aiken</td>
<td>Slash</td>
<td>2,000</td>
</tr>
<tr>
<td>Brooks, Robert A.</td>
<td>Aiken</td>
<td>Loblolly</td>
<td>5,000</td>
</tr>
<tr>
<td>Burris, Homer</td>
<td>Aiken</td>
<td>Slash</td>
<td>4,000</td>
</tr>
<tr>
<td>Bush, Otis</td>
<td>Aiken</td>
<td>Loblolly</td>
<td>2,000</td>
</tr>
<tr>
<td>Chavious Mrs Annie</td>
<td>Aiken</td>
<td>Loblolly</td>
<td>2,000</td>
</tr>
<tr>
<td>Chavous, Dugar</td>
<td>Aiken</td>
<td>Loblolly</td>
<td>2,000</td>
</tr>
<tr>
<td>Cole, Ben M.</td>
<td>Springfield</td>
<td>Loblolly</td>
<td>2,000</td>
</tr>
<tr>
<td>Corbett, John Henry</td>
<td>Salley</td>
<td>Loblolly</td>
<td>2,000</td>
</tr>
<tr>
<td>Dinkins, Mrs Dollie</td>
<td>Salley</td>
<td>Loblolly</td>
<td>4,000</td>
</tr>
<tr>
<td>Harper, Will</td>
<td>Aiken</td>
<td>Loblolly</td>
<td>2,000</td>
</tr>
<tr>
<td>Harvey, Goldman</td>
<td>Aiken</td>
<td>Loblolly</td>
<td>2,000</td>
</tr>
<tr>
<td>Hardy, Mrs Ruth G.</td>
<td>Aiken</td>
<td>Loblolly</td>
<td>2,000</td>
</tr>
<tr>
<td>Hatcher, C. F.</td>
<td>Warrentville</td>
<td>Slash</td>
<td>5,000</td>
</tr>
<tr>
<td>Hatcher, C. J. R.</td>
<td>Warrentville</td>
<td>Slash</td>
<td>5,000</td>
</tr>
<tr>
<td>Hickman, J. V.</td>
<td>Salley</td>
<td>Slash</td>
<td>5,000</td>
</tr>
<tr>
<td>Holley Bros., (M.E.)</td>
<td>Aiken</td>
<td>Loblolly</td>
<td>3,000</td>
</tr>
<tr>
<td>Keener, John</td>
<td>Ridge Spring</td>
<td>Slash</td>
<td>2,000</td>
</tr>
<tr>
<td>Kneecce, John</td>
<td>Aiken</td>
<td>Loblolly</td>
<td>5,000</td>
</tr>
<tr>
<td>LeCroy, Mrs Cora C.</td>
<td>Salley</td>
<td>Loblolly</td>
<td>3,000</td>
</tr>
<tr>
<td>McCord, A. E.</td>
<td>Wagener</td>
<td>Loblolly</td>
<td>2,000</td>
</tr>
<tr>
<td>McDowell, Will</td>
<td>Aiken</td>
<td>Loblolly</td>
<td>2,000</td>
</tr>
<tr>
<td>Myers, James</td>
<td>Aiken</td>
<td>Loblolly</td>
<td>5,000</td>
</tr>
<tr>
<td>Robinson, J. H.</td>
<td>Wagener</td>
<td>Slash</td>
<td>2,000</td>
</tr>
<tr>
<td>Shellhouse, C. B.</td>
<td>Aiken</td>
<td>Loblolly</td>
<td>2,000</td>
</tr>
<tr>
<td>Stephens, Thomas J.</td>
<td>Augusta, Ga., R-3</td>
<td>Loblolly</td>
<td>3,000</td>
</tr>
<tr>
<td>Suber, Mrs K. H.</td>
<td>Kachtwood</td>
<td>Longleaf</td>
<td>1,000</td>
</tr>
<tr>
<td>Tyler, John</td>
<td>Wagener</td>
<td>Loblolly</td>
<td>2,000</td>
</tr>
</tbody>
</table>

**TOTAL**: 85,000
Aiken County boys 4-H club work was conducted in 14 communities in 1947, with 221 boys enrolled. Each club is in charge of a local leader and regular monthly meetings are held by the Assistant County Agent. A card file is kept on each individual member showing his complete 4-H record from the date he first joined the club. The enrollment for 1947 is slightly above that of 1946, since 1946 showed 206 boys enrolled.

Summary of Enrollment and Project Completions: The following is a list of clubs with enrollment and percent of projects completed:

<table>
<thead>
<tr>
<th>Name of Club</th>
<th>No. of Members</th>
<th>No. Demonstrations</th>
<th>Percent</th>
<th>No. Members Completing</th>
<th>Percent</th>
<th>No. Demonstrations Completed</th>
<th>Percent</th>
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<td>16</td>
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<td>16</td>
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<td>28</td>
<td>84.1</td>
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<td>Talatha-Hawthorne</td>
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<td>100</td>
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</table>
This summary shows 221 members enrolled in 4-H clubs carrying 229 demonstrations. 221 members turned in 197 records which figures 84.6 percent of members turned in records. Of the 229 demonstrations signed up 199 was carried through to completion or 86.9 percent of demonstrations signed up were completed.

Following is given a summary of 4-H club work in Aiken County summarized by demonstrations enrolled and completed:

<table>
<thead>
<tr>
<th>Year</th>
<th>Demonstrations Enrolled</th>
<th>Demonstrations Completed</th>
<th>Percent Demonstrations Completed</th>
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<td>72</td>
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<td>367</td>
<td>233</td>
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<td>257</td>
<td>63</td>
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<tr>
<td>1934</td>
<td>1446</td>
<td>208</td>
<td>47</td>
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<tr>
<td>1935</td>
<td>375</td>
<td>274</td>
<td>73</td>
</tr>
<tr>
<td>1936</td>
<td>351</td>
<td>281</td>
<td>72</td>
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<td>1937</td>
<td>342</td>
<td>255</td>
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<td>294</td>
<td>78</td>
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<tr>
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<td>251</td>
<td>63</td>
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<tr>
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<td>282</td>
<td>205</td>
<td>72.6</td>
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<tr>
<td>1941</td>
<td>205</td>
<td>149</td>
<td>72.7</td>
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<tr>
<td>1942</td>
<td>239</td>
<td>113</td>
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<td>1943</td>
<td>189</td>
<td>72</td>
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<td>1946</td>
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<td>TOTALS</td>
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<td>70</td>
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</table>
Summary of 4-H Club Demonstrations: Following is given a summary of 4-H club demonstrations completed in 1947:

### Summary Completed Demonstrations - 1947

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<tr>
<th>Demonstrations</th>
<th>No.</th>
<th>Value of Products</th>
<th>Cost</th>
<th>Profit</th>
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</thead>
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<td>76</td>
<td>$4,282.20</td>
<td>$3,017.32</td>
<td>$1,264.88</td>
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<tr>
<td>Sow &amp; Litter</td>
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<td>$649.00</td>
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<td>$3,210.54</td>
<td>$2,515.61</td>
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</tr>
<tr>
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<td>$4,946.00</td>
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</tr>
<tr>
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<td>$5,822.50</td>
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<tr>
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<td><strong>$26,257.24</strong></td>
<td><strong>$16,362.72</strong></td>
<td><strong>$9,894.52</strong></td>
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</tbody>
</table>

This summary shows that 197 club members through their efforts had projects valued at $26,257.24; costing $16,362.72 to produce these projects, which left them profits of $9,894.52.

---

Summary of 4-H Club Records

Following is given a summary of 4-H club records completed in 1947, in Aiken County:
<table>
<thead>
<tr>
<th>Name</th>
<th>No.</th>
<th>Days</th>
<th>Gain</th>
<th>Total</th>
<th>Cost</th>
<th>Profit</th>
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<td>$7.00</td>
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<td>$40.00</td>
<td>$10.00</td>
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<td>Name</td>
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<td>Value</td>
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<tr>
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**TOTALS**: 127 : 6954 : 13,945 : $4282.20 : $3017.32 : $1264.88

This summary shows that 76 club boys turned in records on 127 animals which was fed a total of 6954 days. These animals made a gain of 13,945 pounds; was worth $4,282.20; costing $3017.32; and showing a profit of $1264.88.
## Summary of 4-H Pig - Sow & Litter Records - 1947

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<th>Name</th>
<th>No. Pigs Farrowed</th>
<th>No. Pigs Raised</th>
<th>Total Value</th>
<th>Total Cost</th>
<th>Profit</th>
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<td><strong>$158.80</strong></td>
<td><strong>$490.20</strong></td>
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This summary shows 11 club members turned in records on 61 animals of which 54 pigs were raised and sold at weaning time. Total value of these pigs $649.00; costing $158.80 and showing a profit of $490.20.
### Summary 4-H Club Beef Calf Records - 1947

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<th>Name</th>
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<th>Days</th>
<th>Gain in</th>
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<th>Cost :</th>
<th>Profit :</th>
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This summary shows that 14 boys fed out 22 calves for 2560 days with gain of 4790 pounds. The total value of all animals is $3210.54; costing $2515.61 and showing a profit of $694.93.
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This summary shows 50 members turning in poultry records on 4945 birds. These birds were bought, grown out and sold for $5822.50; costing $4297.33 and showing a profit of $1525.17.
### Summary of 4-H Dairy Calf & Cow Records - 1947

<table>
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<tr>
<th>Name</th>
<th>No.</th>
<th>Animals Fed</th>
<th>Days Fed</th>
<th>Gain in Wt.</th>
<th>Total Value</th>
<th>Cost</th>
<th>Total Profit</th>
</tr>
</thead>
<tbody>
<tr>
<td>James Scott</td>
<td>1</td>
<td>200</td>
<td>200</td>
<td>$50.00</td>
<td>$400.00</td>
<td>$40.00</td>
<td>$10.00</td>
</tr>
<tr>
<td>Grady McElmurray</td>
<td>3</td>
<td>365</td>
<td></td>
<td>$600.00</td>
<td>$403.00</td>
<td>$197.00</td>
<td></td>
</tr>
<tr>
<td>Dozier Lacey</td>
<td>1</td>
<td>365</td>
<td></td>
<td>$100.00</td>
<td>$68.00</td>
<td>$32.00</td>
<td></td>
</tr>
<tr>
<td>Eugene Hamlet Jr.</td>
<td>16</td>
<td>365</td>
<td></td>
<td>$3200.00</td>
<td>$1705.00</td>
<td>$1495.00</td>
<td></td>
</tr>
<tr>
<td>Carlton Weathersbee</td>
<td>2</td>
<td>365</td>
<td></td>
<td>$380.00</td>
<td>$175.00</td>
<td>$205.00</td>
<td></td>
</tr>
<tr>
<td>Ernest Williams</td>
<td>1</td>
<td>200</td>
<td>250</td>
<td>$78.00</td>
<td>$70.00</td>
<td>$8.00</td>
<td></td>
</tr>
<tr>
<td>Lyman Cook</td>
<td>1</td>
<td>180</td>
<td>200</td>
<td>$45.00</td>
<td>$37.00</td>
<td>$8.00</td>
<td></td>
</tr>
<tr>
<td>Earl McIane</td>
<td>2</td>
<td>200</td>
<td>685</td>
<td>$171.25</td>
<td>$101.00</td>
<td>$70.25</td>
<td></td>
</tr>
<tr>
<td>Davis Shull</td>
<td>2</td>
<td>190</td>
<td>407</td>
<td>$101.75</td>
<td>$81.00</td>
<td>$20.75</td>
<td></td>
</tr>
<tr>
<td>Melvin Fallaw</td>
<td>1</td>
<td>360</td>
<td>500</td>
<td>$125.00</td>
<td>$97.50</td>
<td>$27.50</td>
<td></td>
</tr>
<tr>
<td>Lavanhan Quattlebaum</td>
<td>1</td>
<td>300</td>
<td>380</td>
<td>$95.00</td>
<td>$72.30</td>
<td>$22.69</td>
<td></td>
</tr>
<tr>
<td><strong>TOTALS</strong></td>
<td>31</td>
<td>3090</td>
<td>3022</td>
<td>$4946.00</td>
<td>$2849.81</td>
<td>$2096.19</td>
<td></td>
</tr>
</tbody>
</table>

This summary shows 11 boys keeping records on 31 dairy cattle which was fed 3090 days, gaining 3022 pounds in weight. The cattle not listed in the weight increase column were dairy cows. The others are calves. These cattle are valued at $4,946.00; costing $2,849.81, showing a profit of $2,096.19.
### Summary of 4-H Corn Records - 1947

<table>
<thead>
<tr>
<th>Name</th>
<th>Acres</th>
<th>Yield (Bu.)</th>
<th>Value</th>
<th>Cost</th>
<th>Profit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beauford Hartley</td>
<td>5</td>
<td>200</td>
<td>$400.00</td>
<td>$190.00</td>
<td>$210.00</td>
</tr>
<tr>
<td>David Eidson</td>
<td>5</td>
<td>150</td>
<td>$300.00</td>
<td>$100.00</td>
<td>$200.00</td>
</tr>
<tr>
<td>Raymond Ergle</td>
<td>5</td>
<td>175</td>
<td>$350.00</td>
<td>$128.50</td>
<td>$221.50</td>
</tr>
<tr>
<td>Henry Carver</td>
<td>5</td>
<td>180</td>
<td>$360.00</td>
<td>$134.25</td>
<td>$225.75</td>
</tr>
<tr>
<td><strong>TOTALS</strong></td>
<td><strong>20</strong></td>
<td><strong>805</strong></td>
<td><strong>$1,410.00</strong></td>
<td><strong>$552.75</strong></td>
<td><strong>$857.25</strong></td>
</tr>
</tbody>
</table>

This summary shows 4 boys keeping records on 20 acres of corn yielding 805 bu. Total value $1,410.00; costing $552.75 and realizing a profit of $857.25.

### Summary of 4-H Sweet Potato Records - 1947

<table>
<thead>
<tr>
<th>Name</th>
<th>Acres</th>
<th>Yield (Bu.)</th>
<th>Value</th>
<th>Cost</th>
<th>Profit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fred Plunkett</td>
<td>1</td>
<td>105</td>
<td>$262.50</td>
<td>$110.25</td>
<td>$152.25</td>
</tr>
<tr>
<td>H. C. Coward Jr.</td>
<td>1</td>
<td>200</td>
<td>$500.00</td>
<td>$231.50</td>
<td>$268.50</td>
</tr>
<tr>
<td>James Rhoden</td>
<td>1</td>
<td>200</td>
<td>$500.00</td>
<td>$240.00</td>
<td>$260.00</td>
</tr>
<tr>
<td>Jimmie Cooper</td>
<td>1</td>
<td>85</td>
<td>$212.50</td>
<td>$106.20</td>
<td>$106.30</td>
</tr>
<tr>
<td><strong>TOTALS</strong></td>
<td><strong>4</strong></td>
<td><strong>590</strong></td>
<td><strong>$1,475.00</strong></td>
<td><strong>$687.95</strong></td>
<td><strong>$787.05</strong></td>
</tr>
</tbody>
</table>

Four boys turned in sweet potato records on four acres, yielding 590 bushels. The total value was $1,475.00; costing $687.95; and realizing a profit of $787.05.
### Summary of 4-H Cotton Records - 1947

<table>
<thead>
<tr>
<th>Name</th>
<th>Acres</th>
<th>Value</th>
<th>Cost</th>
<th>Profit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cyril Hydrick</td>
<td>2</td>
<td>$364.00</td>
<td>$212.00</td>
<td>$152.00</td>
</tr>
<tr>
<td>David Eidson</td>
<td>5</td>
<td>$910.00</td>
<td>$612.50</td>
<td>$267.50</td>
</tr>
<tr>
<td><strong>TOTALS</strong></td>
<td>7</td>
<td>$1,274.00</td>
<td>$854.50</td>
<td>$419.50</td>
</tr>
</tbody>
</table>

Two club boys turned in records on seven acres of cotton with a gross value of $1274.00; costing $854.50 and realizing a profit of $419.50.

### Summary of 4-H Watermelon Records - 1947

<table>
<thead>
<tr>
<th>Name</th>
<th>Acres</th>
<th>Value</th>
<th>Cost</th>
<th>Profit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carol Coals</td>
<td>5</td>
<td>$750.00</td>
<td>$450.00</td>
<td>$300.00</td>
</tr>
<tr>
<td>Crayton Collum</td>
<td>4</td>
<td>$600.00</td>
<td>$330.25</td>
<td>$269.75</td>
</tr>
<tr>
<td><strong>TOTALS</strong></td>
<td>9</td>
<td>$1,350.00</td>
<td>$780.25</td>
<td>$569.75</td>
</tr>
</tbody>
</table>

Two club boys turned in records on 9 acres of watermelons, valued at $1350.00; costing $780.25; showing a profit of $569.75.
<table>
<thead>
<tr>
<th>Name</th>
<th>Acres</th>
<th>Value</th>
<th>Cost</th>
<th>Profit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Walter Stevens</td>
<td>1/4</td>
<td>$45.00</td>
<td>$30.00</td>
<td>$15.00</td>
</tr>
<tr>
<td>Jack Durden</td>
<td>1/4</td>
<td>$50.00</td>
<td>$29.00</td>
<td>$21.00</td>
</tr>
<tr>
<td>J. F. Wood</td>
<td>1/4</td>
<td>$49.00</td>
<td>$31.00</td>
<td>$18.00</td>
</tr>
<tr>
<td>Richard Stokes</td>
<td>1/4</td>
<td>$75.00</td>
<td>$46.30</td>
<td>$28.70</td>
</tr>
<tr>
<td>Billy Proctor</td>
<td>1/4</td>
<td>$60.00</td>
<td>$21.20</td>
<td>$38.80</td>
</tr>
<tr>
<td>Billy Beasley</td>
<td>1/2</td>
<td>$120.00</td>
<td>$61.00</td>
<td>$59.00</td>
</tr>
<tr>
<td>L. W. Johnson</td>
<td>1/4</td>
<td>$45.00</td>
<td>$22.20</td>
<td>$22.80</td>
</tr>
<tr>
<td>Larry Wall</td>
<td>1/4</td>
<td>$80.00</td>
<td>$47.00</td>
<td>$33.00</td>
</tr>
<tr>
<td>Jimmie Gardner</td>
<td>1/4</td>
<td>$70.00</td>
<td>$12.00</td>
<td>$58.00</td>
</tr>
<tr>
<td>Charles Williams</td>
<td>1/2</td>
<td>$150.00</td>
<td>$41.00</td>
<td>$109.00</td>
</tr>
<tr>
<td>James Holmes</td>
<td>1/2</td>
<td>$137.00</td>
<td>$36.20</td>
<td>$100.80</td>
</tr>
<tr>
<td>Raymond Baynham</td>
<td>1/4</td>
<td>$60.00</td>
<td>$19.00</td>
<td>$41.00</td>
</tr>
<tr>
<td>Johnny Redd</td>
<td>1/2</td>
<td>$150.00</td>
<td>$41.30</td>
<td>$108.70</td>
</tr>
<tr>
<td>D. L. Brown Jr.</td>
<td>1/2</td>
<td>$130.00</td>
<td>$43.50</td>
<td>$86.50</td>
</tr>
<tr>
<td>Billy Johnson</td>
<td>1/4</td>
<td>$48.00</td>
<td>$16.45</td>
<td>$31.55</td>
</tr>
<tr>
<td>Donald Rollins</td>
<td>1/4</td>
<td>$76.00</td>
<td>$17.20</td>
<td>$58.80</td>
</tr>
<tr>
<td>Stephen Hafley</td>
<td>1/4</td>
<td>$80.00</td>
<td>$22.50</td>
<td>$57.50</td>
</tr>
<tr>
<td>Harry Sudlow</td>
<td>1/4</td>
<td>$75.00</td>
<td>$21.30</td>
<td>$53.70</td>
</tr>
<tr>
<td>Al Dunbar</td>
<td>1/4</td>
<td>$69.00</td>
<td>$20.30</td>
<td>$48.70</td>
</tr>
<tr>
<td>Herbert Linder</td>
<td>1/4</td>
<td>$70.00</td>
<td>$19.70</td>
<td>$50.30</td>
</tr>
<tr>
<td>James Burkhalter</td>
<td>1/4</td>
<td>$65.00</td>
<td>$18.30</td>
<td>$46.70</td>
</tr>
<tr>
<td>Luther Storey</td>
<td>1/4</td>
<td>$64.00</td>
<td>$16.15</td>
<td>$47.85</td>
</tr>
<tr>
<td>Bobby Clark</td>
<td>1/4</td>
<td>$70.00</td>
<td>$15.20</td>
<td>$54.80</td>
</tr>
<tr>
<td>TOTALS</td>
<td>7</td>
<td>$1838.00</td>
<td>$648.40</td>
<td>$1189.60</td>
</tr>
</tbody>
</table>

Twenty-three boys turned in garden records on a total of 7 acres of land. The value of products grown and sold were $1838.00; costing $648.40 and showing a profit of $1189.60.
Summary of Miscellaneous Club Activities

4-H Club Camp

Thirty-six boys attended the State 4-H club camp held at Camp Long in July 1947. Beaufort County also attended Camp Long at this time. The games and recreational program was much better than in the past. Boys and girls seem to enjoy themselves; however, requests are still coming in to attend Camp Bob Cooper again in the near future.

4-H County Council

The Aiken County 4-H Council held its regular meetings in 1947, with one of the meetings being in the form of a recognition dinner to 4-H club leaders. At the second meeting officers were elected for 1948, goals were read and new goals set up for the coming year.

State 4-H Council

The annual state 4-H council was held at Camp Long in 1947. Delegates from Aiken County attended this camp.

Judging Teams

Judging beef cattle was given as a demonstration in each club in the county with a judging elimination being held in each club. Three boys were selected from each club on the basis of grade to participate in the county elimination contest. The four high scorers of this group composed the Aiken County Judging Team. This team participated in the District Judging held in Fairfax, S. C.

A Dairy Judging Team was selected on the same basis as the beef cattle judging team. This team participated in the District Contest at Columbia, S. C. Eugene Hamlet Jr., won the highest honor in the district by being the highest scorer in Guernsey cattle and also the district. Sam Green was high scorer in the district in Jersey cattle.

Cattle Show

The Aiken County cattle show was held at the Beech Island Agricultural Club House in April, 1947. Hogs, beef and dairy cattle were shown and judged for awards by Mr. Hawkins of Clemson College. Firms of Augusta, Ga., sponsored the show by furnishing the prize money. We were given a surplus of prize money of $150.00 which is in the club treasury for a show in 1948.

These same cattle were taken to the Twin-States Livestock Show held in Augusta and brought the boys $200.00 in prize money, plus a good price for their animals.
Contests

Eugene Hamlet Jr., of Beech Island was the first big winner of the year. Eugene was surprised by a free trip to the National Club Camp at Arlington, Va. This is one of the biggest honors a club boy or girl can win.

Jess McElmurray of Beech Island is the winner of the State 4-H Tractor Maintenance Contest, from which he received a free trip to the National Club Congress in Chicago, Illinois.

Eugene Hamlet was high district scorer in Dairy Cattle Judging and Sam Green high district scorer in Jersey cattle.

Several County winners were named with good prospects of state winners coming from some of these next year.
HORTICULTURE

Horticultural work in Aiken County for 1947 included demonstration work with home gardens, sweet potatoes, home orchards, truck crops and peaches.

Gardens

Home Gardens: Continued emphasis on the necessity of home gardens was presented to the farmers and suburban dwellers of the county in circular letters, news articles, farmers meetings, radio and personal contact. Spring gardens were better than usual.

Home Orchards

Pruning Demonstrations: Two demonstrations in pruning fruit trees was given.

Spraying: Ten home orchardists were advised as to spray equipment and spray schedules.

Thinning Demonstrations: One demonstration was given in thinning peaches. Practically all commercial orchardists are now practicing thinning to improve the size and quality of peaches.

Purchase of Fruit Trees: Fourteen farmers were advised as to the purchase of fruit trees. Four farmers were assisted with the purchase of peach trees budded on Shalil root stock.

Commercial Orchards

The commercial orchardists in this county follow the recommendations of the Extension Horticulturist very closely. Practically every peach grower in the County now seeds a winter cover crop in his orchard as a result of Extension program on this practice over a period of years.

Sweet Potatoes

Sweet potato demonstration work included hotbed demonstrations and sweet potato production.

Hot Beds: Three demonstrations with hot beds for production of sweet potato plants were conducted in 1947. A summary of these demonstrations follow:
### Summary of Sweet Potato Hot Bed Demonstrations in 1947

<table>
<thead>
<tr>
<th>Name</th>
<th>No. of Beds</th>
<th>Size</th>
<th>Date of Bedding</th>
<th>Date of Sprouts</th>
<th>Date of Plants</th>
<th>Pullings</th>
<th>Cost</th>
<th>Value</th>
<th>Profit</th>
</tr>
</thead>
<tbody>
<tr>
<td>C. K. Woolsey</td>
<td>4</td>
<td>(6' x 60')</td>
<td>March 15</td>
<td>April 1</td>
<td>April 10</td>
<td>240,000</td>
<td>$474.00</td>
<td>$1,294.00</td>
<td>$840.00</td>
</tr>
<tr>
<td>C. B. Shellhouse</td>
<td>2</td>
<td>(2' x 60')</td>
<td>March 15</td>
<td>April 5</td>
<td>April 15</td>
<td>200,000</td>
<td>$500.00</td>
<td>$1,294.00</td>
<td>$300.00</td>
</tr>
<tr>
<td>C. M. Hammond</td>
<td>2</td>
<td>(6' x 60')</td>
<td>Feb. 25</td>
<td>March 15</td>
<td>March 29</td>
<td>200,000</td>
<td>$320.00</td>
<td>$1,294.00</td>
<td>$280.00</td>
</tr>
<tr>
<td><strong>TOTALS</strong></td>
<td><strong>10</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td><strong>$1,294.00</strong></td>
<td><strong>$2,294.00</strong></td>
<td><strong>$946.00</strong></td>
</tr>
<tr>
<td><strong>AVERAGE PER</strong></td>
<td><strong>BED</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td><strong>$129.40</strong></td>
<td><strong>$229.40</strong></td>
<td><strong>$94.60</strong></td>
</tr>
</tbody>
</table>

*Two electric beds and two compost heated beds.

**Two 6' x 60' electric beds, two 6' x 40' fire heated beds.

***Two electric beds.
MARKETING.

Extension work in marketing during 1947 consisted of cooperation with other organizations, cooperative buying, personal assistance with farmers buying and selling problems in Aiken County.

Marketing and Buying Farm Products: To aid farmers of the county in buying and selling farm products, publicity and personal visits have been made, together with personal letters and the use of the bulletin board outside the County Agent's office. A summary of the marketing work for 1947 is listed below:

**Summary of Marketing Work - 1947**

<table>
<thead>
<tr>
<th>Item</th>
<th>Quan. Bought</th>
<th>Price</th>
<th>Quan. Sold</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hog (meat)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hog (Breeding)</td>
<td>1</td>
<td>$25.00</td>
<td>31</td>
<td>$620.00</td>
</tr>
<tr>
<td>Beef (meat)</td>
<td>19</td>
<td>$1621.00</td>
<td>19</td>
<td>$1894.00</td>
</tr>
<tr>
<td>Beef (Breeding)</td>
<td>2</td>
<td>$570.00</td>
<td>15</td>
<td>$2325.00</td>
</tr>
<tr>
<td>Poultry (Head)</td>
<td>1100</td>
<td>$150.00</td>
<td>3000</td>
<td>$1335.00</td>
</tr>
<tr>
<td>Dairy Cattle</td>
<td>91</td>
<td>$14,700.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Baby Chicks</td>
<td>150</td>
<td>$150.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sweet Potatoes</td>
<td>250</td>
<td>$875.00</td>
<td>3000</td>
<td>$7000.00</td>
</tr>
<tr>
<td>Corn (Su.)</td>
<td>4500</td>
<td>$200.00</td>
<td>4500</td>
<td>$9060.00</td>
</tr>
<tr>
<td>Corn seed (Su.)</td>
<td>175</td>
<td>$1050.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cotton Bales</td>
<td></td>
<td></td>
<td>35</td>
<td>$5250.00</td>
</tr>
<tr>
<td>Cotton Seed</td>
<td>11</td>
<td>$2200.00</td>
<td>210</td>
<td>$14700.00</td>
</tr>
<tr>
<td>Wheat</td>
<td>300</td>
<td>$900.00</td>
<td>170</td>
<td>$475.00</td>
</tr>
<tr>
<td>Oats</td>
<td>200</td>
<td>$400.00</td>
<td>3200</td>
<td>$3300.00</td>
</tr>
<tr>
<td>Rye</td>
<td></td>
<td></td>
<td>250</td>
<td>$775.00</td>
</tr>
<tr>
<td>Barley</td>
<td>10</td>
<td>$35.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Peanuts (Tons.)</td>
<td>105</td>
<td>$21000.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Soybeans</td>
<td>110</td>
<td>$550.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cowpeas</td>
<td>20</td>
<td>$120.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Crotalaria</td>
<td></td>
<td></td>
<td>3000</td>
<td>$640.00</td>
</tr>
<tr>
<td>Sweet Potato Plants</td>
<td>17M</td>
<td>$53.00</td>
<td>315M</td>
<td>$1050.00</td>
</tr>
<tr>
<td>Hay</td>
<td></td>
<td></td>
<td>35T</td>
<td>$1050.00</td>
</tr>
<tr>
<td>Vetch</td>
<td>8000</td>
<td>$640.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>A.P.W.</td>
<td>18000</td>
<td>$1080.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lespedeza</td>
<td></td>
<td></td>
<td>11000</td>
<td>$1600.00</td>
</tr>
<tr>
<td>Clover Crimson</td>
<td>300</td>
<td>$75.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Queen Bees</td>
<td>7</td>
<td>$10.50</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pecans</td>
<td></td>
<td></td>
<td>13000</td>
<td>$3900.00</td>
</tr>
<tr>
<td>Forest Seedlings</td>
<td>85M</td>
<td>$212.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Molasses</td>
<td>1200</td>
<td>$621.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Calcium Arsenate</td>
<td>1100</td>
<td>$175.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>B.H.C.</td>
<td>1100</td>
<td>$305.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other Insecticide</td>
<td>1500</td>
<td>$375.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>TOTALS</strong></td>
<td></td>
<td></td>
<td>$27,740.50</td>
<td></td>
</tr>
<tr>
<td><strong>TOTAL NUMBER OF FARMERS AND INDIVIDUALS SERVED:</strong></td>
<td>: : : : 816</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*63*
Grading and Packing: The County Agents helped with the grading and packing of peaches and sweet potatoes.

Marketing of Surplus Farm Products: The County Agents cooperated with the farmers of the county throughout the year in the locating and marketing of surplus farm products, particularly between individuals, for which there were no established markets.
Extension work with poultry projects in Aiken County in 1947 consisted of two vaccinating demonstrations, two culling demonstrations and work with farmers on feeding, house and brooder construction and poultry sanitation.

Vaccination Demonstration of Poultry: Eight vaccination demonstrations for chicken pox were given in 1947 and the results checked. A summary of these demonstrations follow:

<table>
<thead>
<tr>
<th>Name</th>
<th>No. Birds</th>
<th>No. Vaccinated</th>
<th>No. Died</th>
<th>No. Cases</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bo Coward</td>
<td></td>
<td>100</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Al Desse Lybrand</td>
<td></td>
<td>100</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Edward Metts</td>
<td></td>
<td>100</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Hastings Tyler</td>
<td></td>
<td>265</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>D. T. Mathis</td>
<td></td>
<td>350</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Bill Walters</td>
<td></td>
<td>800</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Jimmie Seigler</td>
<td></td>
<td>100</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Gene Fulmer</td>
<td></td>
<td>100</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td><strong>TOTALS - 8</strong></td>
<td></td>
<td><strong>1915</strong></td>
<td><strong>0</strong></td>
<td><strong>0</strong></td>
</tr>
</tbody>
</table>

Poultrymen have found that vaccinating chickens will prevent disease and enable them to carry healthy, vigorous layers through the winter. Many of the poultrymen vaccinate their own flocks and some vaccination is done by salesmen and vocational agricultural teachers.

Poultry Meetings: A poultry meeting was held in the Foxtown Community with the Extension Poultry Specialist discussing all phases of poultry production, giving special emphasis on brooding, feeding and housing. Nine poultrymen attended this meeting.

Poultry 4-H Club Work: Reported under Boys' 4-H Club Work.
VISUAL INSTRUCTION

Visual Instruction work for 1947 in Aiken County consisted of the use of educational motion pictures, charts and maps and photographs.

Educational Motion Pictures were used at 39 farmers and 4-H club meetings with a combined attendance of 1932 people. The educational motion pictures shown by the Extension Service are valuable in teaching agricultural practices and in increasing attendance at farmers meetings. The County Agents have a machine which was purchased by the Extension Service in 1946.

Charts and Maps were used at one farmers meeting with a total attendance of 150 farm people.

Summary of the Use of Visual Instruction Aids

<table>
<thead>
<tr>
<th>Visual Aid Used</th>
<th>No. Meetings</th>
<th>Attendance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Motion Pictures</td>
<td>39</td>
<td>1932</td>
</tr>
<tr>
<td>Charts and Maps</td>
<td>1</td>
<td>150</td>
</tr>
<tr>
<td><strong>TOTALS</strong></td>
<td><strong>40</strong></td>
<td><strong>2082</strong></td>
</tr>
</tbody>
</table>

*******************************************************************************
The County Agents cooperate with the Production and Marketing Administration by giving their program publicity through news articles, radio and personal contacts. Farmers are urged to take advantage of the assistance offered by this organization to carry out soil building practices and improve their farms.

The Aiken County office has received valid obligations for $134,016 for 1947, which is 90 percent of the county allocation. 1548 farms have secured approvals for practices in 1947 which is 56 percent of the farms in the county.
MISCELLANEOUS COUNTY AND COMMUNITY ACTIVITIES

Camp Long: The Aiken County Agents have been responsible for the upkeep and improvement of Camp Long, the State 4-H club camp, located twelve miles North of Aiken. Constant improvements have been made from time to time and Camp Long is now one of the most complete 4-H club camps in the United States.

Agricultural Clubs: The County Agents are honorary members of four agricultural clubs located in Ellenton, Jackson, Beech Island and Belvedere communities. The agents serve on committees, plan programs and make talks at most of the monthly club meetings. These farmers' clubs serve as local points for the inauguration of Extension Programs and Better Farm Management Practices.

Other Organizations: Other organizations often call on the county agents in official and semi-official capacities to make talks, arrange programs and assist in various ways.

County Nutrition Committee: The County Agents working in cooperation with the Home Agents work with the Aiken County Nutrition Committee. The Agents are members of the committee and serve in an advisory capacity. Five corn mills are enriching meal and grits as a means of improving the nutritional value.
PUBLICITY

The Extension job, or an Extension Demonstration, is not complete until it is fully reported. Publicity work and the distribution of educational information in connection with the Extension Program in 1947 was carried out in Aiken County by means of circular letters, press articles, distribution of bulletins and farm tours. A summary of publicity work done in this connection is given as follows:

Summary Publicity Work

<table>
<thead>
<tr>
<th>Category</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Individual Letters</td>
<td>777</td>
</tr>
<tr>
<td>Circular Letters</td>
<td>24</td>
</tr>
<tr>
<td>Copies Mailed</td>
<td>11,033</td>
</tr>
<tr>
<td>Press Articles</td>
<td>566</td>
</tr>
<tr>
<td>Radio Talks</td>
<td>30</td>
</tr>
<tr>
<td>Bulletins Distributed</td>
<td>1159</td>
</tr>
<tr>
<td>Farm Tours</td>
<td>1</td>
</tr>
<tr>
<td>Attendance</td>
<td>8</td>
</tr>
</tbody>
</table>

Circular Letters were used during the year whenever such letters were necessary and would serve a useful purpose. Mailing lists and the office procedure were so arranged that a letter could be mailed to every farmer in the county within the space of one day. Special mailing lists were maintained so that certain groups (such as poultrymen or dairymen) could be circularized immediately when necessary. Specimen copies of circular letters are attached to this report. A total of 24 circular letters were prepared and 11,033 copies mailed to farmers and 4-H club members in Aiken County.

Press Articles: Press Articles were published in the nearby daily papers, as well as in the local bi-weekly paper and weekly paper at North Augusta. The County Agents conduct a regular farm column ("Aiken County Farm Flashes") which appears twice a week in local papers. Farmers have been sold on the idea of subscribing to the paper in order to get the latest farm news and information. This has been worked out to the mutual advantage of the Editor and the County Agents. A total of 566 press articles of timely agricultural interest were published during 1947. Specimen copies of news articles are attached to this report.

Bulletins: Bulletins were distributed at the office and at meetings of farmers and 4-H club members upon request. The agents used the policy of giving bulletins to those who want them and not to broadcast them where they will not be used. A total of 1159 bulletins were distributed to farmers and 4-H club members during 1947.
Farm Tours: Farm tours were conducted as another means of publicity. Tours serve as an excellent means of studying crops, soils, fertilizers, livestock management and farm management. One tour was held during the year with an attendance of 8.
CIRCULAR LETTERS

ON THE FOLLOWING PAGES WILL BE FOUND SPECIMEN COPIES

OF CIRCULAR LETTERS ISSUED DURING THE YEAR
FARM EQUIPMENT AND LABOR SAVING SHOW

Clemson College is presenting in exposition style a farm and home labor saving show. A comprehensive view of the advancements made in each field of agriculture and homemaking will be presented by use of display panels, working models, photographs, and demonstrations.

WHEN - MONDAY, MARCH 10, 1947 - SHOW OPEN FROM 10:00 A.M. TO 4:00 P.M.

WHERE - SHOW WILL BE HELD AT THE BRICK BUILDING ABOUT 400 YARDS BELOW THE FREIGHT DEPOT. FOLLOW THE SIGNS.

PURPOSE - EVERY FARMER AND HOMEMAKER WANTS TO KEEP UP WITH THE LATEST EQUIPMENT AND TO EXCHANGE IDEAS WITH HIS FRIENDS. IT IS EXPECTED THAT THERE WILL BE MUCH NEW EQUIPMENT AT THE SHOW.

EVERYBODY IS InvITED - FREE TO ALL.

F. W. Corley
F. W. Corley, County Agent
Aiken, South Carolina

Alpha Covar
Alpha Covar, Home Dem. Agent
Aiken, South Carolina

"Use of TRACTOR POWER shifts the heavy jobs from the worker to the machine."
Dear Farm Friend:

Aiken County has been highly honored by the selection of one of her farmers as one of the Six Master Farm Families of South Carolina. We feel that such an honor should be recognized, therefore, we are planning a barbecue dinner at the Beech Island Agricultural Club House, 12 noon, Thursday, September 18.

The J. George McElmurray family is our "Master Farm Family" and they will be presented with suitable certificates.

Dr. Clarence Poe, Editor of the Progressive Farmer, Dr. R. F. Poole, President of Clemson College, Hon. J. J. Riley, Member of Congress, Dr. D. W. Watkins, Director of South Carolina Extension Service, Miss Juanita Neely and others will be present.

You and your family are cordially invited to be present at this occasion.

Yours very truly,

R. R. Mellette, County Agent
Aiken, South Carolina

P. S.
COOPERATIVE EXTENSION WORK
IN
AGRICULTURE AND HOME ECONOMICS

STATE OF SOUTH CAROLINA

Aiken, South Carolina
February 13, 1947

Extension Service

WHY?
Tractor and Equipment Demonstration

WHEN?
TUESDAY - FEBRUARY 11, 1947 - 2:30 P. M.

WHERE?
County Shop (Behind the County Courthouse)

WHO IS INVITED?
Any tractor owner and tractor operator in Aiken County
who would like to see some demonstrations showing how to:

1-Save money in operating his tractor.

2-Make the tractor last longer and do better work.

3-Make power farming easier

Mr. R. L. Willis, Special Farm Labor Assistant with the Clemson Extension
Service will be in charge of the demonstrations, assisted by farm machinery
dealers who will furnish tractors and other equipment. Lubrication engineers
from some of the petroleum companies will be present to assist with lubrica-
tion demonstrations.

We believe that two hours spent at this demonstration can be the most profit-
able two hours of the year for tractor owners and operators. Tractor owners
are urged to bring their operators with them.

DON'T FORGET THE DATE - TUESDAY, FEBRUARY 11, 1947 at 2:30 P. M.

Yours very truly,

Frank W. Corley
County Agent
Aiken, South Carolina

William A. Beasley
County Labor Assistant
Aiken, South Carolina
Dear Club Member:

The North Augusta Tractor Club will hold its second meeting on next Wednesday, April 23, 1947 at 12 o'clock noon. (If weather permits) We will meet near the front of the High School Building.

You are urged to attend this meeting. An interesting program has been planned. Some of the worksheets have arrived and you will be given an opportunity to bring these up to date.

Looking forward to seeing you on the above date, I am,

Sincerely yours,

William A. Beasley
County Labor Assistant
Dear Sir:

There will be a sweet potato electric hotbed demonstration given on Tuesday, February 18, 1947, at 10:00 A.M., on the farm of C. B. Shellhouse, Aiken, S. C., Route 2. This farm is on Highway 215 (Wagener Road) about ten miles from Aiken.

Mr. G. H. Stewart, Extension Rural Electrification Specialist, will be there to assist in the installation of the heating cable and thermostats, and make the connections for the two 60 feet electric hotbeds.

Some of you are already producing sweet potato plants using electricity for heat, and realize this is the quickest way to get early plants. You are invited to see the equipment installed, as well as the materials and method of bed construction.

Don't forget to treat your seed potatoes before bedding. If you are using old beds the frame work should also be treated. Such chemical disinfectants as borax, bichloride of mercury and Semesan Bel have been used successfully. Complete information on seed treatment can be secured from the County Agent's Office.

Yours very truly,

F. W. Corley
County Agent
Aiken, S. C.
There will be an important meeting of your committee 7:30 P. M. Friday, September 26 at Scott's Lake Club House.

The 1948 Farm Program will be discussed along with other interesting subjects.

We will expect you and you may bring your wife or husband with you.

Supper will be served and there will be pictures on the program.

Contact any other member living close to you and come together.

Very truly yours,

R. R. Mellette                      Alpha Covar
Farm Agent                         Home Demonstration Agent
Aiken, South Carolina              Aiken, South Carolina

R.M.B.
Dear Friend:

There will be community meetings held at New Holland and Wagener as follows:

<table>
<thead>
<tr>
<th>PLACE</th>
<th>DATE</th>
<th>HOUR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wagener School House</td>
<td>Monday, January 27, 1947</td>
<td>7:00 P.M.</td>
</tr>
<tr>
<td>New Holland School House</td>
<td>Friday, January 31, 1947</td>
<td>7:30 P.M.</td>
</tr>
</tbody>
</table>

The County Agent will discuss the Agricultural Outlook for 1947 and Mr. Raffield, County AAA Administrative Officer will discuss the AAA Program for 1947.

In this Post-War period there are adjustments which must be made. Are you making your plans in the right direction? It is believed that the information given at this meeting will be helpful in making your farm plans for 1947.

Ask your neighbors and friends to come with you.

Yours very truly,

F. W. Corley
County Agent
Aiken, S. C.

FWC:B.
Dear Friend:

A County farm and home Outlook meeting will be held in Aiken at 10:00 o'clock Tuesday morning, January 14, 1947 in the Municipal Auditorium (next door to the fire department on Park Avenue.)

In planning your farm and home program for 1947 we feel that you should know as much about future prices, supply and demand of farm products, and things you have to buy as possible. The Outlook information which will be given by District Extension Agents and Specialists from Clemson will be helpful, as well as interesting.

We are in the post-war period and adjustments must be made. Are you planning your adjustment in the right direction?

All farm people, both men and women, are cordially invited and urged to attend this meeting. Don't forget the time and place.

Yours very truly,

F. W. Corley
County Agent
Aiken, South Carolina

Alpha Covar
Home Demonstration Agent
Aiken, South Carolina
Dear 4-H Worker:

A previous notice was sent to you concerning a 4-H Club Leaders' Training Session and Recognition Dinner. It has been definitely decided that these meetings will be held on March 7, 1947. The Training Session will begin at 5:00 P.M., and will last for about one hour. Miss Bessie Harper, Miss Neely, Miss Romaine Smith and Mr. Frank Corley, will be the instructors during the Training Session. The Dinner will be held at 7:00 P.M. At the dinner meeting, 4-H club members will present a short program. Outstanding leaders will receive good awards, after which Mr. D. W. Watkins, State Director of Extension will address the group on "Appreciation of Local Leaders".

Please do your best to attend both of these meetings. It will be worth your while.

I am enclosing a card for you to check whether or not you will be present. It is necessary that you fill this card in and mail it back immediately, so place cards may be used at the dinner.

The local leader or leaders and the four club officers are invited from each club. Please contact each other and make arrangements to come.

Looking forward to seeing you for the Training Session and Dinner to be held in the Municipal Auditorium, Aiken, S. C., March 7, at 5:00 P.M. and 7:00 P.M., I am,

Very truly yours,

C. W. Thompson
Assistant County Agent
Aiken, South Carolina

Encl: (1)
Card

CWT:B.
RE: COMBINE SCHOOLS

Dear Friend:

Two combine schools have been scheduled for Aiken County this year. The purpose of the schools is to train combine owners and operators on methods of operating and adjusting their machinery in order to obtain the best possible service.

These schools are being held in cooperation with local dealers. One school will be held on next Tuesday morning, May 20th, at 10:00 o'clock A.M. The meeting will take place in the area directly behind the County Courthouse in Aiken. The second school will be held on next Tuesday afternoon, May 20th, at 2:30 o'clock P.M. This meeting will take place at the Wagener High School Agricultural Building.

You are invited to attend either or both of these schools and bring your combine operator with you. We believe that a couple of hours at these schools will be time well spent.

Looking forward to seeing you on next Tuesday, May 20th, we are,

Sincerely yours,

F. W. Corley
County Agent
Aiken, South Carolina

William A. Beasley
County Labor Assistant
Aiken, South Carolina
NEWS ARTICLES

AIKEN COUNTY FARM FLASHES

R. R. Mellette  County Farm Agent
C. W. Thompson  Assistant County Agent
W. A. Beasley  County Labor Assistant

ON THE FOLLOWING PAGES WILL BE FOUND SPECIMEN COPIES

OF NEWS ARTICLES PUBLISHED DURING THE YEAR
4-H LEADERS WILL MEET

Mr. D. W. Watkins, State Director of Extension will be the principal speaker of the Annual 4-H Club Leadership banquet, which will terminate an afternoon leadership conference to be held on Friday, March 7, Aiken Club Agents announced today.

Plans for the banquet which will be sponsored by local chain stores are not complete and will be announced early next week.

A number of well known local people including, Mayor Odell Weeks, Editor B. J. King, Dr. Fred E. Brinkley, County Sup't., of Education, A. J. Rutland, have been invited, while officials of the Extension Service expect to have A. H. Ward, District Extension Agent, O. Romaine Smith, District 4-H Club Leader, Miss Neely, Assistant State Home Demonstration Agent, Miss Bessie Harper, District Home Agent, and others, present.

The event will bring together approximately 100 Four-H Leaders and Officers from the clubs over Aiken County. Other guests should swell the attendance to 120. The banquet will be held at the Municipal Auditorium at 7:00 P. M. The training meeting will also be held at the Municipal Auditorium beginning at 5:00 P. M.

This is one of several such programs sponsored in South Carolina by Chain Stores and the South Carolina Extension Service. It is felt that programs of this kind are worthwhile in that they give the business man a chance to see what outstanding work the 4-H boys and girls are doing.

The sponsoring stores will be listed early next week with the complete plans for the banquet.

*******************************************************************************
In 1947 the Agricultural Program of Aiken County's farmers will be chiefly concerned with reconversion from all-out production, regardless of cost, to efficient production of quality products at the lowest possible cost per unit. It is believed that Aiken County farmers will not return to normal or pre-war farming, but will have their reconversion upon present trends toward mechanized farming, fewer farm laborers, higher wages for farm laborers, increased fertilization, increased livestock farming, more grazing and pasture, improved rotations, and more soil conservation practices.

As cotton will probably continue to be the leading cash crop and as it seems to be one of the safest cash crops for 1947, farmers should place their emphasis on production of higher yields per acre, of quality cotton at lower cost per unit. To assist farmers in this undertaking the Cotton Contest will be continued as one of the best means of encouraging higher yields of quality fiber, as a source of better planting seed and as a means of spreading better practices.

Cotton improvement work will be continued in 1947 with the hope of, in the near future, reaching the goal of one variety of quality cotton grown in the county. The goal for South Carolina is also one variety of quality cotton.

********************************************************
COTTON SEED
********************************************************

Those who plan to use their own cotton seed for planting, the 1947 crop, should have a germination test run. Those who have not already done this should draw representative samples of their planting seed and send them to the State Commissioner of Agriculture, who will send you a germination report free of charge.

Knowing that the seed you plant are of high germination may save you a crop of cotton or from planting over.

Treat all planting seed with Ceresan. This treatment will kill seed-born diseases and allow many weak plants from seed of low vitality to live.

********************************************************
DIVERSIFIED PROGRAM ON MCELMURRAY FARM

A combination of hard work, good management, and a diversified system of farming built around livestock are responsible for the success of the J. George McElmurray family in Aiken County. This family was recently named as one of the six "Master Farm Families" for this State by The Progressive Farmer and the Clemson Extension Service.

The farm, which consists of about 1500 acres, is worked almost entirely with tractor-drawn equipment. For 1947 the farming operations consists of about 200 acres cotton, 300 acres corn, 200 acres grain, 30 acres watermelons, the balance of the cropland being in various food and feed crops. There are about 130 head of purebred and grade Hereford cattle in the farm herd. Excellent bulls are being used to improve the herd. Excellent bulls are being used to improve the herd. The herd of hogs consists of 20 purebred and grade medium type Poland China brood sows from which pigs are grown for the markets.

Mr. McElmurray is cooperating with the supervisors of the Edisto Soil Conservation District and has most of his farm terraced. He is very enthusiastic about blue lupine for soil building and has several very effective demonstrations of its value in increased growth of cotton and corn.

The family is very much interested in the church and community life. Both Mr. and Mrs McElmurray are active workers in the Beech Island Baptist Church. Mr. McElmurray is an active AAA community committeeman.

There are three sons in the family, Jesse, Tommie, and Pete. The boys are 4-H Club members and take an active part in the farm operations, especially in the handling of the livestock and the machinery. These boys have made good records with their 4-H beef calves in recent fairs and plan to increase their winnings in the show ring during the coming season.

Extension workers, soil conservation technicians, AAA and forestry service workers have all found a welcome on the farm and the results of their coordinated activities help to explain why it was selected a Master Farm.

*****************************************************************
Don't shoot birds out of season!

Why? First - It's a violation of the laws. Second. I have seen several
coveys of quail not half grown. - and most important - Friday, September
12th, I was in a cotton field in 2 miles of Aiken when a quail flew up from
under my feet. There was a nest with 11 eggs in it. Now if some "Early Bird"
Hunter takes an out of season shot there will be 11 less birds this Fall. Please
don't use a gun if you have to train your bird dog.

Mr. Mackey Scott and his sons are thoroughly convinced that blue lupine is an
excellent cover crop, and also it definitely increased the yield of a field of
cotton. They plan to plant lost of their cotton land in blue lupine this fall
and turn it next spring before planting cotton.

Mr. F. W. Atkinson and Mr. Grady McElmurray of Beech Island planted blue lupine
in the fall of 1946 and this spring they let the seed mature and then combined
them. Result - between 30,000 and 40,000 pounds of seed.

You want to know why it's raining now? Mr. B. W. Cresland cut his kobe les-
pedesa for hay and it started raining at once.

Aiken County farmers can increase their income by selling hogs, but first we need
to increase our corn crop and also soybeans. The farmers of Dorchester County
are very progressive and their corn, soybeans and hogs prove it. From July 1st,
1946 to June 30, 1947, the Dorchester Cooperative Marketing Association sold
$393,000.00 worth of hogs for 517 farmers. The Association was organized in Sept-
ember 1937 and last week they celebrated their 10th Anniversary with a barbecue
dinner for the members. Several hundred farmers and invited guests attended. I
was fortunate enough to be invited. Listen to this! In the 10 years since they
organized they have sold ever 17,000,000 pounds of hogs for a total of $2,015,000.00
or an average of over $200,000 per year. How about it Aiken County Farmers?
SAFE TRACTOR OPERATION URGED

Farmers in Aiken County have their tractors out in full force planting and cultivating 1947 crops, and the accident toll will be high unless the operators are on the alert constantly, states County Labor Assistant, William A. Beasley.

Mr. Beasley also points out that the National Safety Council estimates show that in some states 50 percent or more of the accidents with farm machinery involve tractors. The principal causes are usually overturning, falling from, or being thrown off the tractor, unguarded power take-off shields, accidents while cranking, and accidents from fire and fumes. Timely servicing of any farm equipment before field work starts, will reduce accidents as well as possible field breakdowns.

The main safety rule for operating tractors is just good common sense. You can’t afford to gamble the loss of a limb or life by operating without the power take-off shield in place. Cranking a tractor while in gear is dangerous, and driving tractors too close to the edge of the ditches or at high speeds can hurry a trip to the hospital. Children should never be permitted to ride tractors or hitch a ride on trailing implements.

Here are some other safety rules for tractors suggested by Mr. Beasley:

1. Reduce speed before making a turn or applying brakes.
2. Never ride on draw-bar of tractor or on drawn implements.
3. Always stop power-take-off before dismounting from tractor.
4. Never refuel tractor while motor is running or extremely hot.
5. Don’t operate a tractor in a closed building or close to flammable materials.

*****************************
The "Home Folks" of the Beech Island Community are to be congratulated on their wonderful cooperative spirit in making the Master Farm Family Celebration a success. "Old Grady McElmurray and his trusty of "Rinky" and "Fred" really cooked a nice barbecue for the crowd.

The Aiken County Agriculture Committee will hold a very important meeting Friday night, September 26 at 7:30 P. M. We will have a Dutch supper and picture show. Each member of the committee is expected to be present. Farm Programs for 1948 will be discussed. The following are members of the Committee:

Ashton Head
B. W. Crosland
C. J. Asbill
Monson Morris
F. W. Atkinson
Mrs Vance Livingston
Mrs E. H. Kamin
W. B. Burkhalter
W. H. Buford
J. G. McElmurray
E. M. Derrick
J. D. Prothro
W. H. McClain
Mrs J. C. Jones
S. B. Williams
Leon Beck
Mrs F. C. Black
Mrs O? A. Whetstone
Ashby Kneecce
T. A. Jackson
Randolph Johnson
Mrs J. A. Hankinson
N. J. DeLoache
Mrs Jerome Morris
J. W. Woodward
H. B. Salley
Mrs Carson Cato
S. B. Williams
H. J. Johnson
J. L. Lever
H. C. Coward
Eugene Hamlet Jr.
Mrs W. H. Buford
F. R. Cook
John Miley (SCS)
W. H. Ritter (FHA)
A. H. Hawkins (Voc. Ag.)
J. L. Page (District Forester
J. E. Raffield (AAA)
G. L. Bigford (PCDA)
Winter legumes have a definite place in land improvement and soil conservation. They also improve small grain when cut for hay. Many farmers not only use their AAA soil building allocation for buying winter legumes but buy additional supplies of seed. Wheatley and Brittingham, owners of Kathwood plantation bought 7400 pounds of blue lupine seed, Raymond L. Willis 5400 pounds of Dixie Wonder Peas, and E. A. Johnson 3000 pounds of Dixie Wonder Peas. Mr. Mackey Scott bought 2000 pounds of blue lupine.

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Flowers continue to bloom out-of-season. Now its spirea in the flower garden of Mrs Rosabelle Cunter at Seivern.

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Three times as much commercial fertilizers are being used today in this county as in 1910. Last year 15 million tons were used, compared to 5 million tons in 1910.

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Here is something you probably don't know. (I didn't). A steer will eat its own weight in grass every seven or eight days. It's a good thing they're not as hungry as grasshoppers or crickets, who do this stunt every days.

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Around 340,000 farmers were injured last year doing their daily chores, resulting in the loss of 18 million days of work and 35 million dollars paid out for medical and hospital expenses.

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In the past 10 years the average farm worker has increased his productivity by 40 percent, thanks to farm mechanization.

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AIKEN COUNTY LIVESTOCK SHOW A SUCCESS

In spite of very bad weather a number of 4-H club boys brought their cattle and hogs out to the Aiken County Livestock Show which was held last Saturday, March 1st, at the Beech Island Agricultural Club House.

Mr. J. R. Hawkins, Extension Animal Husbandman, began judging the animals at 12:10 P. M. At 1:30 P. M. Mr. O. Romaine Smith, District 4-H Club Agent delivered the prizes and ribbons to the winners, after which a fine barbecue dinner was served to all by the Agricultural Club.

PRIZE WINNERS WERE:

Beef Cattle - Pete McElmurray - 1st and 2nd $27.00
    Dent Johnson 10.00
    Jess McElmurray 9.00
    Tommy McElmurray 5th & 6th 15.00
    Sam Green 5.00
    Jim Green 3.00
    Bill Green 3.00
    Tillman Johnson 3.00

Dairy Bull - Guernsey - Harold Weathersbee $10.00
    Jersey - Eugene Hamlet Jr. 10.00

Dairy Heifers - Carlton Weathersbee (First) $10.00
    Grady McElmurray (Second) 8.00
    Grady McElmurray (Third) 7.00

Hogs - Ocic Wood (1st Sow Class) $ 5.00
    Kenneth Morgan (1st Sow & Litter) 5.00

Pig Class - Pete McElmurray $ 6.00
    Jess McElmurray 5.00
    James Scott 4.00
    Tommy McElmurray 3.00

Much progress was made in the show and prizes this year. Many Augusta and Aiken business men are behind the show to make it better each year.
4-H club boys are reminded to get a record on their projects and bring them up-to-date. These records should be turned in at the May 4-H club meeting which is the last meeting of this school year. An up-to-date record must be turned in by all club members who expect to attend the 4-H summer camp. This year Aiken County will attend Camp Long the week of July 14 - 18 and the camp fee will be $5.00.

The Aiken County 4-H Judging Team composed of Eugene Hamlet Jr., Harold Weathersbee, Sam Green and Tommie McElmurray, all of Beech Island made a score of 1451 points out of a possible 2000 in the Savannah River Valley District Judging Contest. However, this fine score was not good enough to place the team in the top three counties. Allendale County took first place with Jasper and Richland Counties taking second and third.

Three more club members have joined in the county sweet potato contest. Jess McElmurray, Harold Weathersbee and Eugene Hamlet Jr., have pledged to plant one acre of sweet potatoes and cultivate, harvest and cure them according to the Clemson College recommendations. The winning county team in the state receives a free trip to the New York Market, sees their potatoes sold and visits other points of interest. At least, two more good club members are needed in this contest to make it a success.

Can you grow a three pound chicken in 8 weeks? It can be done according to Mr. Tommy Heath of Jackson, S. C. Mr. Heath builds the brooders himself and kept an accurate record on three hundred chicks. The chickens at eight weeks old cost Mr. Heath 51$. These chicks were marketed for $1.10 each. Of course, Mr. Heath explains it cost something to dress and carry them to market, however, this still leaves a nice profit. If any of you chicken raisers are interested, contact Mr. Tommy Heath of Jackson for his feeding practices and a good brooder.
The week of October 5-11 has been designated as Fire Prevention Week by President Truman. His proclamation setting aside that week as a period to emphasize fire prevention comes at a time when fire losses in this nation are heavy. This is shown by the fact that the President's Conference on fire prevention reported 10,000 Americans were burned to death, and property valued at $562,000,000 was destroyed by fire last year.

Director D. W. Watkins of the Clemson Extension Service suggests that fire prevention measures are more important now than ever before due to the high cost of materials and delay in replacing homes and other buildings which are destroyed.

The destruction of a home now would in many cases mean that the family in that home would have to be crowded into another home perhaps already overcrowded. The destruction of barn, warehouse, or other building may mean that the materials stored or to be stored in it would be exposed to weather damage and possibly lost before another building could be built.

The National Fire Protection Association says: "A preventable fire breaks out somewhere in this land of ours every 20 seconds - right around the clock. By the time the sun sets today over 1600 building fires will have killed 28 Americans (more than half of them women and children), destroyed nearly 1000 homes, 140 stores, 80 factories, 6 churches, 6 schools, 5 theaters, 3 hospitals, and so on. Directly and indirectly every American is affected by these fire losses. Of the more than 10,000 lives lost last year 3500 were farm folks and the farm property loss was about $85,000,000".

Many of these fires occurred in South Carolina and Mr. Watkins points out that one tragedy about them is the fact that a large percent of them, sometimes estimated to be 90 percent, is the result of carelessness. He urges full cooperation in the efforts to prevent fires, especially fires which destroy farm homes and other farm buildings.
VENNING & MARVIN COUNTY COTTON CONTEST WINNERS

J. M. Venning, Montmorenci, S. C., and Charles H. Marvin, Jr., Aiken, S. C., were winners of County 5-Acre Cotton Contest prizes for 1946 with Venning winning $50 for first prize and Marvin winning $25.00 for second prize.

There were only ten pounds of lint cotton difference between first and second place in Aiken County. Mr. Venning made 4740 pounds of lint cotton on his five acres with a staple length of 1 3/32 inches while Mr. Marvin made 4730 pounds of lint with a staple length of 1 1/16 inches. Both of these county winners used Coker's 100 Wilt Resistant cotton.

B. W. Crosland, Aiken, S. C., who was also in the State 5-Acre cotton contest made a yield of 4790 pounds of lint cotton on his 5 acre plot with a staple length of 1 1/16 inches. Although Mr. Crosland made a higher yield than Mr. Venning or Mr. Marvin he was not eligible for a County Prize as he won first county prize in 1945.

County prizes offered since 1945 with funds contributed by the S. C. Cotton Seed Crushers Association, were awarded in 40 counties in 1946; there were 10 or more contestants.

The State 5-Acre Cotton Contest will be carried on again in 1947 with state district and county prize awards. All those interested in entering this contest should see their County Agent.

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FREE COTTON CLASSING

The United States Department of Agriculture is again this year offering free classification of cotton to organized farmers where ginners agree to take samples. In addition to informing individual farmers of the grade and staple of his cotton for marketing purposes, classification under this program may also be used to put cotton in the Commodity Credit Corporation loan without paying the usual classing fee.

In 1946 The Aiken Gin, Levels Gin, Mackey Scott's Gin and Weeks and Woodward Gin were in position to offer this service to their patrons.

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Respectfully Submitted:

R. R. Mellette
County Farm Agent

C. W. Thompson
Assistant County Agent