1947

1947 Negro Aiken County Extension Service Report

Clemson University Cooperative Extension Service

T. A. Hammond

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ANNUAL REPORT
COUNTY AGENT WORK

County
SOUTH CAROLINA
1947

J. A. Hammond
Negro Agricultural Agent

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

IN

AIKEN COUNTY, SOUTH CAROLINA

1947

T. A. HAMMOND

NEGRO COUNTY AGENT

Cooperative Extension Work in Agriculture and Home Economics—Clemson Agricultural College and the United States Department of Agriculture Cooperating with Extension Service

D. W. WATKINS, DIRECTOR

Clemson, South Carolina
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SUMMARY OF ACTIVITIES AND ACCOMPLISHMENTS

General Activities

1. Days agent spent in office-- --------------- 64
2. Days agent spent in field------------------- 228
3. Days agent worked-------------------------- 292
4. Miles agent traveled------------------------ 12,001
5. Farm visits-------------------------------- 634
6. Different farms visited---------------------- 230
7. Office calls at agent's office--------------- 1,087
8. Telephone calls at agent's office----------- 304
9. Meetings held or attended------------------- 184
10. Attendance at these meetings---------------- 2,105
11. Number of communities in which extension work was conducted------------------------------- 18
12. Number voluntary community leaders assisting with extension------------------------------ 33
I. County, Community and Neighborhood Organization of Volunteer Farm and Home Leaders

1. County Agricultural Committee:

   a. The committee consists of leading farmers, and was selected by the agent.

   b. J. C. Johnson---------Route 1, Aiken, S. C.
   Homer Burris---------Route 2, Aiken, S. C.
   Sam Jones---------Route 4, Augusta, Ga.
   Aldren Chavous---------Route 1, Aiken, S. C.
   Milton Bradley---------Route 1, Aiken, S. C.
   Sarah Bradley---------Route 1, Aiken, S. C.
   Arthur Bradley---------Route 1, Aiken, S. C.
   Adell Burris---------Route 2, Aiken, S. C.
   Mattie Reese---------Route 3, Augusta, Ga.
   Willie Darlington---------Route 4, Augusta, Ga.
   Effie Schofield---------Wagener, S. C.
   Carrie Williams---------Route 2, Salley, S. C.
   Effie Simmons---------Route 1, White Pond, S. C.
   Jackson Simmons---------Route 1, White Pond, S. C.
   James Basket---------Route 2, Wagener, S. C.
   Henry Schofield---------Wagener, S. C.
   Eddie Davis---------Route 2, Wagener, S. C.
   Morgan Thomas---------Route 2, Wagener, S. C.
   Willie Salley---------Route 2, Wagener, S. C.
   E. W. Watson---------Route 2, Aiken, S. C.
   George Boughnight---------Route 4, Aiken, S. C.
   Hampton Byrd---------Route 3, Aiken, S. C.
   Goldman Harvey---------Route 4, Aiken, S. C.
George Crawford--------Route 1, Ridge Spring, S. C.
L. A. Marshall--------Route 1, Ridge Spring, S. C.
M. E. Fells----------Route 1, Montmorenci, S. C.
Robert Lee------------Bettis Academy, Trenton, S. C.
Jesse Brown----------Route 1, Windsor, S. C.
William P. Wimberly---Route 1, Aiken, S. C.
J. S. Stephens--------Route 1, Windsor, S. C.
John Garrett---------Route 1, Salley, S. C.
L. R. Jackson---------Route 1, Salley, S. C.

Executive Committee:
R Oddie Burris---------Route 2, Aiken, S. C.
John C. Johnson--------Route 1, Aiken, S. C.
Nathaniel Smith--------Route 2, Jackson, S. C.
Milton Bradley--------Route 1, Aiken, S. C.
J. W. Burris----------Route 2, Aiken, S. C.
John Garrett---------Route 1, Salley, S. C.
L. R. Jackson---------Route 1, Salley, S. C.
Hampton Byrd----------Route 3, Aiken, S. C.
Jackson Simmons-------Route 1, White Pond, S. C.
M. E. Fells-----------Route 1, Montmorenci, S. C.
Homer Burris----------Route 2, Aiken, S. C.
Talmadge Williams-----Route 2, Salley, S. C.
J. H. Robinson--------Wagener, S. C.
E. W. Watson----------Route 2, Aiken, S. C.

The duties and responsibilities of the County Agricultural and Executive Committees are to advise and assist the Negro Agricultural Agent in planning
and carrying out a well rounded agricultural program in Aiken County. The Committees hold an annual meeting each fall to adequately plan the program of work for the next year. Each member accepts the responsibility of assisting the agent in carrying the program in their community. The Executive meets at least three times a year.

2. **Community Agricultural Committees and Neighborhood Leaders:**

   A. Shaws Fork
      Ocean Grove
      Hayden
      Wagener
      Red Hill
      Zion Hill
      New Holland
      Snowville
      Barefoot
      Windsor
      Thankful Grove
      Mossey No. 1
      Mossey No. 2
      Kitching Mill
      Pine Grove
      Beach Island
      Kathwood
      Spider Webb
      St. Phillip
Monetta
Jerusalem
Coleman Thankful
Chinquapin
Salley
Union Academy
Jerusalem Branch
Perry
Aiken
Beaver Dam
Randall Branch
Ashley Grove
Montmorenci
Hartley Grove
Rose Mary
Bureka
Bettis
Bell Grove
Talatha
Zion Hill
Sleepy Hollow
Storm Branch
Jackson
Fairfield
Ellenton
Brinkley
Belverdere
3. Programs Handled through Voluntary Leaders:

Seeding fall grains:
Voluntary leaders conducted meetings on the importance of treating small grain and fertilizing with a complete fertilizer at planting time. As results where these methods were used there was a greater yield per acre.

Farm labor program:
In some communities farmers exchanged labor with neighbors. Also labor was exchanged for the use of power equipment on farms. This aided farmers in solving some of their labor problems.

Liming program:
Voluntary leaders aided in getting more lime spreaded on farms throughout the county. As results where lime was used there were greater yields per acre.
II. Project Activities and Results

**Agricultural Economics**

Ten outlook meetings with attendance of 585 farmers. Agent cooperated with farm credit agencies in loaning $450.00 for production credit to farmers.

**Agricultural Engineering**

Two communities assisted in obtaining rural electrification. Assistance given to 60 farmers in the care and repair of farm machinery. Assisted farmers with plans for repair and preservation of 15 farm buildings.

**Agronomy**

Five farmers conducted five-acre cotton contest demonstrations, producing an average 447 pounds of lint cotton per acre. Placed cooperative orders for 140 bushels of improved cotton seed for 35 farmers. Three hybrid corn production demonstrations completed, yielding over twice the county average production per acre. Two oats production demonstrations yielding average of 46 bushels per acre, and two wheat production demonstrations yielding 20 bushels per acre. Placed 3000 pounds legume seed with 30 farmers. Two lespedeza for seed demonstrations completed.

**Animal Husbandry**

Placed two purebred boars. Completed three hog feeding demonstrations with average daily gains 1 pound per hog.
Held three meat cutting and curing demonstrations. Eight beef calf club members grew out, showed, and sold calves.

**Entomology and Plant Pathology**

Conducted three demonstrations of dust treatment of cotton seed showing an increase of seed cotton per acre over untreated plots. Observations made and publicity give boll weevil infestation and control. Two demonstrations on control of the harlequin cabbage and squash bug.

**Forestry**

Total of 100,000 trees set in county in program of reforestations.

**Four-H Club Work**

Twelve community clubs organized with 191 members, 189 of which completed demonstrations producing farm products a value $11,000.68, and realizing a profit of $7,985.51. Two 4-H club camps, one achievement day, three 4-H county council meetings held. A total of 10 boys exhibited products at Ocean Grove Community fair.

**Horticulture**

In sweet potato work, two fire-heated hotbed demonstrations and two sweet potato production of 120 bushels per acre completed. 1,000 fruit trees set out among farmers in Aiken County.
Marketing

Farmers were aided in marketing surplus farm products to the value of $2747.00.

Poultry

Two grow healthy chick demonstrations completed. One turkey demonstration completed, showing labor income $3.00 per head.

Visual Instruction

Showed educational motion pictures to 800 people at 10 meetings.

Publicity

Total of 900 personal letters written, 25 circular letters prepared with 3750 mailed. 14 press articles published, 450 bulletins distributed, and two farm tours held.

Project Activities and Results

Agricultural Economics

Work in agricultural economics and farm management in 1947 included outlook meetings, cooperation with Farm Credit Agencies, and planning demonstrations. Outlook meetings: 10 community outlook meetings were held jointly with a total of 585 farmers and farm women. The farmers of Aiken County rely on outlook information through the extension service as a guide in their farming operation.
Farm planning demonstrations: In cooperation with the extension farm management division, and Farm Credit Administration, the County Agent worked farm management plans on the farms of two Aiken County farmers who are indebted to Federal Loan Bank.

List Farm Planning Demonstrations

<table>
<thead>
<tr>
<th>Name</th>
<th>Address</th>
<th>Acres in Farm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hampton Byrd</td>
<td>Aiken, S. C.</td>
<td>132</td>
</tr>
<tr>
<td>Goldman Harvey</td>
<td>Aiken, S. C.</td>
<td>140</td>
</tr>
</tbody>
</table>

This work will be continued, and as time permits, will be enlarged, to demonstrate that careful farm planning can aid farmers to put their farms on a sounder basis.

Cooperation with farm Credit Agencies:
The county agent cooperated with the Aiken County production Credit Association. The agent has throughout the year advised farmers with reference to the source of credit aid. Following is a summary of the loans made by the production Credit Association 1947.

Summary Loans made by Production Credit Association

<table>
<thead>
<tr>
<th>Agency</th>
<th>No. Farmers</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Production Credit Association</td>
<td>4</td>
<td>$600.00</td>
</tr>
<tr>
<td>Total</td>
<td>4</td>
<td>$600.00</td>
</tr>
</tbody>
</table>
Agricultural Engineering

Agricultural engineering work during 1947 included soil conservation, farm buildings, rural electrification, farm machinery, and harvesting and ginning cotton.

Soil Conservation

Soil conservation work was conducted in Aiken County in cooperation with the Soil Conservation Service and the Edisto Soil Conservation District.

Summary of Soil Conservation Work in Aiken County:

No. Soil conservation meetings held in county----------2
No. blade-type crowler or patrol terracing outfits working in county-------------------1
No. farms on which work was done------------------5
No. of farmers who built terraces with farm equipment 19
No. of acres terraced with farm equipment----------480
No. of farm which work was done-------------------6
No. of terrace construction demonstrations held-----1
No. of terrace planning and line running schools----1
No. of persons trained to run terrace lines--------2
No. of trees planted-------------------------------100,000

Farm Buildings

Farm building plans prepared by the extension agricultural engineering division were furnished to farmers for the construction of the following listed farm buildings:

Summary Farm Buildings Plans Furnished Farmers:

<table>
<thead>
<tr>
<th>Building</th>
<th>No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Purpose Barns</td>
<td>3</td>
</tr>
<tr>
<td>Hog Self Feeders</td>
<td>8</td>
</tr>
<tr>
<td>Total</td>
<td>11</td>
</tr>
</tbody>
</table>
Care and repair of farm buildings: Assistance was given farmers in repairing 5 farm buildings, and remodeling and rearranging 15 farm buildings, either to better serve the purpose they were being used for, or to make the suitable for other purposes.

The Clean-up, Paint-up Campaign conducted jointly by the county agent and home demonstration agent, in cooperation with the county council of farm women met a good response, survey showing that 105 farms were improved in some respect as a result of this campaign.

Miscellaneous Activities

Two farm tours were conducted during the Spring and Summer of 1947 to Coker's Pedigreed Seed Farm and Sand Hill Experiment Station with a total 60 farmers in attendance. Here farmers were given first hand information on the latest developed strains of grain, cotton seed and methods of fertilizing where their merits could be studied first hand.

Farm Machinery

Lespedeza seed harvesting demonstrations:
Two demonstrations of harvesting lespedeza seed with modern equipment were given in the fall of 1947. Both farmer used combines. A Summary of these demonstrations follows:

Summary of Lespedeza Seed Harvesting Demonstrations

<table>
<thead>
<tr>
<th>Type of Equipment</th>
<th>Acres Harvested</th>
<th>Pounds Harvested</th>
<th>Observation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Milton Bradley Case Combine</td>
<td>10</td>
<td>4,000</td>
<td>Satisfactory</td>
</tr>
<tr>
<td>Eddie Davis John Deere Combine</td>
<td>4</td>
<td>1,500</td>
<td>Satisfactory</td>
</tr>
</tbody>
</table>
Agronomy

Agronomy work 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 program planning.

Cotton

Five-acre Cotton Improvement Demonstrations:

Five Aiken County farmers completed their five-acre cotton improvement contest demonstrations in 1947. A summary of these demonstrations follows:

Summary Results Five-acre Cotton Improvement Demonstrations

<table>
<thead>
<tr>
<th>Name</th>
<th>lbs. seed cotton</th>
<th>lbs. lint</th>
<th>Value</th>
<th>Cost</th>
<th>Net Profit</th>
<th>Lint Cost $/lb.</th>
<th>lint per cent</th>
<th>Variety</th>
</tr>
</thead>
<tbody>
<tr>
<td>Homer Cummings</td>
<td>7,293</td>
<td>2,431</td>
<td>$950.00</td>
<td>$200</td>
<td>$750</td>
<td>8¢</td>
<td>37</td>
<td>Coker 100</td>
</tr>
<tr>
<td>Robert Lee</td>
<td>7,414</td>
<td>2,471</td>
<td>956.00</td>
<td>204</td>
<td>752</td>
<td>8¢</td>
<td>37</td>
<td>Coker 100</td>
</tr>
<tr>
<td>John Adams</td>
<td>6,304</td>
<td>2,101</td>
<td>790.00</td>
<td>210</td>
<td>580</td>
<td>10¢</td>
<td>35</td>
<td>Coker 100</td>
</tr>
<tr>
<td>M. E. Fells</td>
<td>6,780</td>
<td>2,260</td>
<td>838.00</td>
<td>205</td>
<td>633</td>
<td>9¢</td>
<td>37</td>
<td>Coker 100</td>
</tr>
<tr>
<td>Charles Butler</td>
<td>5,778</td>
<td>1,926</td>
<td>698.00</td>
<td>200</td>
<td>498</td>
<td>10¢</td>
<td>35</td>
<td>Coker 100</td>
</tr>
</tbody>
</table>

Average yield lint per acre—447
Average cost per pound—9¢
Average value per acre—$169.00
Average percent lint—36

Improved seed: The campaign for cotton improvement through the use of improved planting seed was continued this year. Four meetings were held, as a result the interest of farmers were aroused, and through a converted campaign 140 bushels of pure seed of improved and recommended varieties were placed with 35 farmers this year.
Corn Production

During 1947 the campaign to increase the yield of corn per acre in Aiken County was continued. Four meetings were held at which results of experiments and demonstrations in corn production were discussed.

Corn Production Demonstrations:

Three farmers completed corn production demonstrations, showing the value of good seed, proper spacing, fertilizing, and proper cultivation. A summary of these records follows:

<table>
<thead>
<tr>
<th>Name</th>
<th>Acres</th>
<th>Yield Bushels</th>
<th>Bushels per acre</th>
<th>Cost prod. per bu.</th>
<th>Cost Crop</th>
<th>Value Profit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Broadus Holmes</td>
<td>4</td>
<td>120</td>
<td>30</td>
<td>$60.00</td>
<td>.50</td>
<td>$270</td>
</tr>
<tr>
<td>Milton Bradley</td>
<td>10</td>
<td>330</td>
<td>33</td>
<td>112.00</td>
<td>.34</td>
<td>742.50</td>
</tr>
<tr>
<td>M. E. Fells</td>
<td>8</td>
<td>280</td>
<td>35</td>
<td>110.00</td>
<td>.40</td>
<td>630.00</td>
</tr>
<tr>
<td><strong>Totals</strong></td>
<td>22</td>
<td>730</td>
<td><strong>Av. 33\frac{1}{3}</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Average prod. bu. per acre 33\frac{1}{3}

Average value per acre $2.25 per bu. -- $74.66

Average cost per bu. 41%

Small Grain

Oats Production: Two demonstrations in the production of oats were completed, a summary of which is given as follows:
Summary of Oats Demonstrations

<table>
<thead>
<tr>
<th>Name</th>
<th>Variety</th>
<th>Acres</th>
<th>Yield bu. per acre</th>
<th>Cost per bu.</th>
<th>Value</th>
<th>Profit</th>
</tr>
</thead>
<tbody>
<tr>
<td>James Brown</td>
<td>Victor Grain</td>
<td>2</td>
<td>80</td>
<td>$20.25¢</td>
<td>$120</td>
<td>$100</td>
</tr>
<tr>
<td>Arthur Kenner</td>
<td>Fulgrain</td>
<td>2</td>
<td>90</td>
<td>22¢</td>
<td>135</td>
<td>115</td>
</tr>
<tr>
<td>Totals</td>
<td></td>
<td>4</td>
<td>170</td>
<td>$40</td>
<td>$255</td>
<td>$215</td>
</tr>
<tr>
<td>Averages per acre</td>
<td></td>
<td>42.5</td>
<td>$10</td>
<td>23.5</td>
<td>$164</td>
<td>$54</td>
</tr>
</tbody>
</table>

Through cooperative orders 20 farmers of the county were assisted in obtaining a total of 175 bushels of improved seed oats for fall seeding in 1947.

Wheat Production: Two demonstrations in wheat production were completed in the spring of 1947. A summary of these demonstrations follows:

Summary of Wheat Production Demonstrations

<table>
<thead>
<tr>
<th>Name</th>
<th>Variety</th>
<th>Acres</th>
<th>Yield Bushels per acre</th>
<th>Cost per bu.</th>
<th>Value</th>
<th>Profit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Morgan Thomas</td>
<td>Hardired</td>
<td>2</td>
<td>36</td>
<td>$17</td>
<td>47¢</td>
<td>108.00 $91.00</td>
</tr>
<tr>
<td>Eddie Davis</td>
<td>Redhart</td>
<td>2</td>
<td>32</td>
<td>16</td>
<td>50¢</td>
<td>96.00  80.00</td>
</tr>
<tr>
<td>Totals</td>
<td></td>
<td>4</td>
<td>68</td>
<td>$33</td>
<td>$48.50</td>
<td>$204.00 $171.00</td>
</tr>
<tr>
<td>Average per acre</td>
<td></td>
<td>17</td>
<td></td>
<td>$51.00</td>
<td>42.75</td>
<td></td>
</tr>
</tbody>
</table>

As a result of Extension work on home food and feed production much interest is being shown by the farmers of Aiken County in the production of wheat for home use, and as a result the acreage is being materially increased.

Permanent pastures:
The campaign for the establishment of permanent pastures in Aiken County was continued during 1947. As result of this work during the past four years, farmers, particularly those with livestock are becoming more and more interested in pasture improvement.

**Animal Husbandry**

Animal husbandry extension work in Aiken County in 1947 consisted of educational demonstration work with swine and beef cattle.

**Swine**

**Purebred sires:** Two purebred boars were placed with two farmers during 1947. A record of these placings is given as follows:

**Record of Purebred Boars Placed in 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>Wilson Burris</td>
<td>1</td>
<td>Duroc</td>
<td>3 mo.</td>
<td>$40.00</td>
</tr>
<tr>
<td>Homer Cummings</td>
<td>1</td>
<td>Duroc</td>
<td>3 mo.</td>
<td>30.00</td>
</tr>
<tr>
<td><strong>Total placed</strong></td>
<td><strong>2</strong></td>
<td></td>
<td></td>
<td><strong>$70.00</strong></td>
</tr>
</tbody>
</table>

**Four-H Beef Calf Club Work:**

Eight 4-H Club boys were enrolled in major 4-H Club beef calf club work. Each of these club members were aided by the production credit association in financing the purchase of a beef calf to be fed out, shown and sold.

These calves were shown at the Orangeburg Fatstock Show.
After the show they were sold at public auction, and the 4-H Club members were able to pay their notes at the production Credit Association and have some cash left on hand. A summary of these demonstrations follows:

Summary Beef Calf Club Records

<table>
<thead>
<tr>
<th>Name</th>
<th>No. Animals</th>
<th>Days Fed</th>
<th>Gain in wt.</th>
<th>Total Value</th>
<th>Total Cost</th>
<th>Profit</th>
</tr>
</thead>
<tbody>
<tr>
<td>J. D. Williams</td>
<td>1</td>
<td>225</td>
<td>365</td>
<td>$193.65</td>
<td>$84.79</td>
<td>$98.26</td>
</tr>
<tr>
<td>Edward Holley</td>
<td>1</td>
<td>225</td>
<td>290</td>
<td>165.50</td>
<td>82.24</td>
<td>83.36</td>
</tr>
<tr>
<td>Ester Bush</td>
<td>1</td>
<td>225</td>
<td>165</td>
<td>114.41</td>
<td>82.24</td>
<td>32.17</td>
</tr>
<tr>
<td>Wade Robinson</td>
<td>1</td>
<td>225</td>
<td>200</td>
<td>127.60</td>
<td>78.84</td>
<td>48.66</td>
</tr>
<tr>
<td>Ernest Robinson</td>
<td>1</td>
<td>225</td>
<td>230</td>
<td>135.70</td>
<td>75.44</td>
<td>60.26</td>
</tr>
<tr>
<td>Elisha Garrett</td>
<td>1</td>
<td>225</td>
<td>215</td>
<td>127.00</td>
<td>85.64</td>
<td>41.36</td>
</tr>
<tr>
<td>Handy Garrett</td>
<td>1</td>
<td>225</td>
<td>325</td>
<td>163.12</td>
<td>82.24</td>
<td>80.88</td>
</tr>
<tr>
<td>Warren Harvey</td>
<td>1</td>
<td>225</td>
<td>360</td>
<td>194.40</td>
<td>90.74</td>
<td>103.66</td>
</tr>
<tr>
<td>Totals</td>
<td>8</td>
<td></td>
<td></td>
<td>$1220.58</td>
<td>$662.17</td>
<td>$558.17</td>
</tr>
<tr>
<td>Averages</td>
<td>225</td>
<td>1.2# per day</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Four-H Club Work

Boys' 4-H Club work was conducted in twelve communities in Aiken County in 1947, with an enrollment of 191 farm boys. Each club is in charge of a local leader, and regular monthly meetings are held with each club.

Summary of enrollment and completions:

Following is given a list of the clubs and a summary of enrollment and completions:
<table>
<thead>
<tr>
<th>Name of Club</th>
<th>No. members Enrolled</th>
<th>No. completed Demonstrations</th>
<th>per cent member completing demonstrations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dead River</td>
<td>9</td>
<td>9</td>
<td>100</td>
</tr>
<tr>
<td>Monetta</td>
<td>20</td>
<td>19</td>
<td>95</td>
</tr>
<tr>
<td>Pleasant Hill</td>
<td>20</td>
<td>20</td>
<td>100</td>
</tr>
<tr>
<td>Ocean Grove</td>
<td>15</td>
<td>15</td>
<td>100</td>
</tr>
<tr>
<td>Storm Branch</td>
<td>10</td>
<td>10</td>
<td>100</td>
</tr>
<tr>
<td>Salley</td>
<td>27</td>
<td>27</td>
<td>75</td>
</tr>
<tr>
<td>Perry</td>
<td>16</td>
<td>16</td>
<td>100</td>
</tr>
<tr>
<td>Wagener</td>
<td>23</td>
<td>23</td>
<td>100</td>
</tr>
<tr>
<td>Montmorenci</td>
<td>21</td>
<td>21</td>
<td>100</td>
</tr>
<tr>
<td>Randall Branch</td>
<td>12</td>
<td>11</td>
<td>92</td>
</tr>
<tr>
<td>Beach Island</td>
<td>10</td>
<td>10</td>
<td>100</td>
</tr>
<tr>
<td>Spider Webb</td>
<td>8</td>
<td>8</td>
<td>100</td>
</tr>
<tr>
<td><strong>Totals</strong></td>
<td><strong>191</strong></td>
<td><strong>189</strong></td>
<td><strong>98.94%</strong></td>
</tr>
</tbody>
</table>
### Summary Completed Demonstrations 1947

<table>
<thead>
<tr>
<th>Demonstration</th>
<th>No. completed</th>
<th>Value Products</th>
<th>Cost</th>
<th>Profit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Corn</td>
<td>34</td>
<td>$2026.50</td>
<td>$505.00</td>
<td>$1521.50</td>
</tr>
<tr>
<td>Poultry</td>
<td>36</td>
<td>1404.00</td>
<td>493.00</td>
<td>811.00</td>
</tr>
<tr>
<td>Sow Litter</td>
<td>20</td>
<td>1074.00</td>
<td>205.00</td>
<td>869.00</td>
</tr>
<tr>
<td>Pig Fattening</td>
<td>29</td>
<td>1134.00</td>
<td>290.00</td>
<td>840.00</td>
</tr>
<tr>
<td>Dairy Calf</td>
<td>5</td>
<td>600.00</td>
<td>250.00</td>
<td>350.00</td>
</tr>
<tr>
<td>Beef Calf</td>
<td>8</td>
<td>1220.88</td>
<td>662.17</td>
<td>558.71</td>
</tr>
<tr>
<td>Potatoes</td>
<td>27</td>
<td>2552.30</td>
<td>379.00</td>
<td>2173.30</td>
</tr>
<tr>
<td>Garden</td>
<td>24</td>
<td>767.00</td>
<td>167.00</td>
<td>600.00</td>
</tr>
<tr>
<td>Peanuts</td>
<td>6</td>
<td>322.00</td>
<td>60.00</td>
<td>262.00</td>
</tr>
<tr>
<td><strong>Totals</strong></td>
<td><strong>189</strong></td>
<td><strong>$11,100.68</strong></td>
<td><strong>$3,011.17</strong></td>
<td><strong>$7,985.51</strong></td>
</tr>
</tbody>
</table>

### Horticulture

**Home Gardens:** Information on home gardens was presented to the farmers of the county in 5 circular letters, four newspaper articles, and at 6 farmers' meetings. The monthly garden letter issued by the extension service was sent monthly to 500 farmers during the year.

**Sweet Potatoes**

**Fire-headed hotbeds:** Two record demonstrations were conducted on the operation of fire-heated hotbeds for production of sweet potato plants. A summary of these demonstrations follows:
### Summary Fire-Heated Hotbed Demonstrations

<table>
<thead>
<tr>
<th>Name</th>
<th>Size of Bed</th>
<th>Bu. Bedded</th>
<th>Date Bedded</th>
<th>Date first plant drawn</th>
<th>No. plants</th>
</tr>
</thead>
<tbody>
<tr>
<td>George Crawford</td>
<td>6x50</td>
<td>30</td>
<td>March 3</td>
<td>April 10</td>
<td>35,750</td>
</tr>
<tr>
<td>Josh Whack</td>
<td>6x50</td>
<td>30</td>
<td>March 7</td>
<td>April 16</td>
<td>30,500</td>
</tr>
</tbody>
</table>

**Home Orchards:**

Home orchard work consist of placing orders for 1,000 fruit trees. Saving them $40.00 from the retail list price on the orders.

**Pruning and Spraying Demonstrations:**

Ten pruning and spraying demonstrations were given.