Clemson University Cooperative Extension

1947 Negro Orangeburg County Extension Service Report

Clemson University Cooperative Extension Service

G. W. Daniels

Follow this and additional works at: https://tigerprints.clemson.edu/coop_reports

Materials in this collection may be protected by copyright law (Title 17, U.S. code). Use of these materials beyond the exceptions provided for in the Fair Use and Educational Use clauses of the U.S. Copyright Law may violate federal law.

For additional rights information, please contact Kirstin O'Keefe (kokeefe[at]clemson[dot]edu)

For additional information about the collections, please contact the Special Collections and Archives by phone at 864.656.3031 or via email at cuscl[at]clemson[dot]edu

Recommended Citation

https://tigerprints.clemson.edu/coop_reports/161

This Article is brought to you for free and open access by the Clemson Cooperative Extension at TigerPrints. It has been accepted for inclusion in Cooperative Annual Reports by an authorized administrator of TigerPrints. For more information, please contact kokeefe@clemson.edu.
ANNUAL REPORT
COUNTY AGENT WORK
SOUTH CAROLINA
1947

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

1946 -- 1947

G. W. DANIELS
NEGRO AGRICULTURE 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
CONTENTS

Summary of Activities and Accomplishments .................. 1
Project Activities and Results ................................. 1,2,3
County, Community and Neighborhood Organization of Volunteer Farm and Home Leaders.....

1. County Agricultural Committee .................. 4
2. County Executive Committee I .................. 4
3. County Agricultural Committee and Neighborhood Leaders .................. 5,6

Project Activities and Results

1. Agricultural Economics ................................. 7,8
2. Agricultural Engineering ................................. 9q
3. Agronomy .................................................. 10,11,12
4. Animal Husbandry ........................................ 13,14
5. Diarying .................................................. 15
6. Entomology and Plant Pathology ..................... 16
7. Forestry .................................................. 17
8. Four-H Club Work ........................................ 17,18,19,20 & 21A
9. Horticulture .............................................. 21b & 22
10. Marketing ................................................ 23
11. Publicity ................................................ 24
SUMMARY OF ACTIVITIES AND ACCOMPLISHMENTS

General Activities

Days in Office ........................................ 79
Days in the field ..................................... 200
Farm visits made ..................................... 241
Miles traveled ........................................ 13,251
Individual letters written .......................... 319
Circular letters prepared ............................ 46
News paper articles published ...................... 25
Office calls at Agent's Office ...................... 281
Telephone calls ........................................ 126
Meetings held and attended ......................... 71
Attendance ............................................. 1,791
Number of communities in which work was conducted ........................................ 16
Number of leaders assisting ......................... 21

PROJECT ACTIVITIES AND RESULTS

Agricultural Economics

Two community wide outlook meetings was held with an attendance of 284 farmers, homemakers and clubsters. Four community outlook meetings were held with the attendance of 446 farmers, farm women and clubsters. Two farm planning demonstrations were conducted.

Agricultural Engineering

Plans were furnished for construction of 12 farm houses and other farm buildings. Two demonstrations were conducted on the care and use of farm tractors. Two farmers were given assistance in repairing two general purpose barns and one was assisted in enlarging one.

Agronomy

Over seven tons of Coker's 100 Strain 1946 Wilt resistant cottonseeds were ordered by farmers of Orangeburg County Cooperatively. The seeds were ordered by 52 farmers, which represented every section of the county. Six, five-acre cotton demonstrations were conducted and records kept. Over 900 pounds of lespedezia seeds were ordered for the planting of hay and grazing. Four oats demonstrations, five wheat, four corn and 250 acres of pickle cucumbers by farmers cooperatively were conducted.

Animal Husbandry

Two purebred gilts and three purebred boars were placed with five farmers. One beef bull and one beef cow was placed as starters of a small beef herd. Two meat cutting, curing,
and canning demonstrations were conducted with 750 pounds of meat cured. Two feeding demonstrations were conducted with a value of $1,150. Four dairy cows were placed for future milk cows.

Dairying

Two milk routes were followed up, one organized and one started. One dairy cow and one dairy bull and four dairy calves were placed with farmers. Two lespedeza demonstrations were conducted with the curing of four tons of lespedeza hay. Assistance were given farmers in marketing milk and cream. Ten acres of permanent pastures were planted.

Entomology And Plant Pathology

Four demonstrations were conducted on the treatment of cotton-seeds in four sections of the county. Three demonstrations were conducted on the treatment of oats, two on wheat, six on sweet-potatoes and two on cotton infested with boil weevils.

Forestry

One demonstration was conducted on thinning timber. Cooperation was given the County Forestry Department in the prevention and control of forest fires.

Four-H Club Work

Demonstrations completed, cotton, 84; corn, 39; poultry, 48; fat pigs, 50; beefcalves, 18; potatoes, 24 and gardens, 9, with a total profit of $21,016.49. One County beefcalf judging team of 4-H club boys was trained which won the district prize and attended the state conservation camp free. District camp was attended by 19 clubsters, state conservation camp was attended by 12 clubsters and one community picnic was held.

Horticulture

Four pruning demonstrations with a total of 42 clubsters and farmers attending were conducted. One fire-heated hotbed was conducted with a total of 25 thousands plant produced.

Marketing

Farmers were aided in grading and packing many surplus products. Over $825,000 worth of cucumbers, pickles were planted and sold cooperatively.

Poultry

One poultry flock was conducted with an increase of 20 per cent egg production. One culling demonstration was conducted with a total of 18 clubsters attending. One poultry health and sanitation demonstration was conducted.
Visual Instruction

Educational charts, slides and pictures were shown to over 2,000 farmers and clubsters. Over 70 farmers were taken to Coker's pedigreed seed farm at Hartsville, S.C. There they saw modern dairying, modern farm machinery, cotton pickers and improved seed breeding.

Publicity

A total of 319 individual letters were written, 46 circular letters prepared, with 4,659 mailed, 25 press articles prepared and 243 bulletins distributed.
I. County Community and Neighborhood Organization of Voluntary Farm and Home Leaders.

1. County Agricultural Committee:

a. The county agricultural committee is made up of twenty-one farmers selected from sixteen sections of the county. In order that the extension program may reach the greatest number of people these committee members meet with the agricultural agent whenever called to discuss and identify existing problems, consider ways and means by which they can be reached and assist the agent with the program and demonstrations in the county.

b. Listed are the names of the members of the County Agricultural Committee and their addresses.

- W.B. Williams, President  Route 2, Elloree, S.C.
- C.G. Garvin, Vice-President  Route 1, Rowesville, S.C.
- John Tyler, Secretary  Route 1, Cordova, S.C.
- I.H. Rhodes  Route 1, Rowesville, S.C.
- C.A. McNeal  Route 1, North S.C.
- John Shivers  Route 1, North S.C.
- John Williams  Route 1, Cordova, S.C.
- W.L. Thomas  Route 1, Neeses, S.C.
- Louis Williams  Route 1, Holly Hill, S.C.
- Dr. M. Crawford  Russel St., Orangeburg, S.C.
- E.B. Goodwin  Route 1, Santee, S.C.
- William Young  Route 1, Butawville, S.C.
- Samuel Glover  Route 3, Orangeburg, S.C.
- David Cain  Route 2, Cameron, S.C.
- William Muck  Route 3, Orangeburg, S.C.
- Dr. S.B. Green  Russel St., Orangeburg, S.C.
- Clay Rush  Route 1, Bowman, S.C.
- Jerry Fulmer  Route 1, Springfield, S.C.
- S.W. Crum  Route 1, Rowesville, S.C.
- Augustus Jones  Route 1, Orangeburg, S.C.
- David Wright  Route 2, Norway, S.C.

Listed are the names of the County Executive Committee.

- C.G. Garvin, Chairman  Route 1, Rowesville, S.C.
- M.C. Williams, Secretary  Route 1, Cope, S.C.
- Joseph Milligan  Route 1, Sally, S.C.
- C.A. McNeal  Route 1, North, S.C.
- A.R. Rush  Route 1, Elloree, S.C.
- M.R. Williams  Route 1, Holly Hill, S.C.
- R.W. Bunch  Route 2, Cameron, S.C.
- David Cain  Route 1, Neeses, S.C.
- Will Young  Route 2, Norway, S.C.
- David Wright  Route 1, Springville, S.C.
- Oscar Corbett  Route 1, Santee, S.C.
- F.B. Goodwin  Route 1, Cordova, S.C.
- John Tyler
The duties performed by these committee men are related to developing the county program, discussing major problems and programs confronting the agent, and encouraging and influencing others to adopt certain improved practices and recommendations.

2. Community Agricultural Committees and Neighborhood Leaders:

   a. Listed are the organized committees and neighborhoods and the number of voluntary workers.

   Orangeburg Community .................................. 21 Neighborhood Leaders
      a. Bull Swamp School Neighborhood ... 6 " 
      b. Glover School Neighborhood ........ 3 " 
      c. Lime Stone Neighborhood .......... 6 " 
      d. Forest Chapel Neighborhood ...... 3 " 
      e. Great Branch Neighborhood ...... 3 " 

   Bowman Community .................................. 27 Neighborhood Leaders
      a. East Middle Neighborhood .......... 5 " 
      b. Pinesville Neighborhood .......... 5 " 
      c. Jenkins School Neighborhood ...... 6 " 
      d. Bowman Neighborhood ............ 7 " 
      e. Murray School Neighborhood ...... 4 " 

   Elloree Community .................................. 5 Neighborhood Leaders
      a. Granger Church Neighborhood ...... 5 " 

   Santee Community .................................. 14 Neighborhood Leaders
      a. Parler Neighborhood ............... 6 " 
      b. Santee Neighborhood .............. 5 " 
      c. Providence School Neighborhood ... 3 " 

   Vance Community .................................. 2 Neighborhood Leaders
      a. Vance Neighborhood ............... 2 " 

   Eutawville Community ................................. 4 Neighborhood Leaders
      a. St. James School Neighborhood od. 4 " 

   Holly Hill Community .................................. 3 Neighborhood Leaders
      a. Target Church Neighborhood ...... 3 " 

   Rowseville Community ................................. 5 Neighborhood Leaders
a. Prospect Neighborhood .......... 2 Neighborhood Leaders
b. Rowseville Neighborhood .......... 3 " "

Branchville Community ...................... 11 Neighborhood Leaders
a. Branchville Neighborhood .......... 6 " "
b. McBranch Neighborhood .......... 3 " "
c. Zion Church Neighborhood .......... 2 " "

Cameron Community ...................... 11 Neighborhood Leaders
a. Gardner School Neighborhood .... 3 " "
b. Andrew Chapel School Neighborhood ...................... 5 " "
c. Middle Pen Neighborhood .......... 3 " "

Cordova Community ...................... 4 Neighborhood Leaders
a. Prince School Neighborhood ...... 4 " "

Cope Community ...................... 8 Neighborhood Leaders
a. Mt. Zion Neighborhood .......... 3 " "
b. Cope Neighborhood .......... 5 " "

Norway Community ...................... 7 Neighborhood Leaders
a. Rocky Swamp Neighborhood ...... 7 " "

Nesses Community ...................... 3 Neighborhood Leaders
a. Hickory Hill Neighborhood ...... 3 " "

North Community ...................... 10 Neighborhood Leaders
a. Ebenezer Church Neighborhood ... 3 " "
b. North Neighborhood .......... 7 " "

Springfield Community ...................... 7 Neighborhood Leaders
a. Springfield Neighborhood .......... 7 " "
( ⊕ ) County Committee
( ⊗ ) Community Leaders
( ⋄ ) Neighborhood Leaders

- Lexington County
- Calhoun County
- Clarendon County
- Berkeley County
- Dorchester County
- Barnwell County
- Bamberg County
- Orangeburg County
II

PROJECT ACTIVITIES AND RESULTS

AGRICULTURAL ECONOMICS

Work in Agricultural Economics and Farm Management in 1947 included County and Community outlook meetings, cooperation with the Farm Credit Agencies and Farm Records.

Outlook Meetings: Two county wide outlook meetings were held with an attendance of 284 farmers, homemakers and clubsters at S.C. State College on February 1st. and July 29th. During the February outlook meeting, Mr. E.N. Williams, State Supervisor of Negro Extension Work, presented the outlook information. The following individuals made short talks: Mr. H.A. Perkins, Professor of Botany at S.C. State College; Mrs. Marion Paul, State Supervisor of Home Demonstration Work and Mr. T.J. Crawford, Professor of Bacteriology at S.C. State College, who spoke on health. The County Council was reorganized and plans made for the year.

During the July meeting the Agriculture agent presented the outlook information and farm problems were discussed by entire group participating. Mr. Wm. Buchannan, Dean of agriculture at S.C. State College, spoke on "Problems Facing The American Farmer Today." Mr. Stewart, Instructor at S.C. State College gave a demonstration on Cement Block Making for farm use.

In connection with the outlook meeting the County Home Cured Meat Show was held, which inspired and encouraged many farmers to grow enough meat for home use.

Community Outlook Meetings: Community outlook meetings were held in the following communities:

Norway, January 18, 1947
Bowman, January 25, 1947
Springfield, March 8, 1947
Eutawvile, March 15, 1947
Cooperation With The Farm Credit Agencies: Cooperation was given the Farm Credit Association, the Federal Land Bank, the Bank of Orangeburg and the First National Bank of Orangeburg. Many farmers were assisted in getting credit at these sources.

Summary of Loans Made by Agencies.

<table>
<thead>
<tr>
<th>Agency</th>
<th>No. Farmer</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Production Credit Association</td>
<td>14</td>
<td>$6,947.00</td>
</tr>
<tr>
<td>Federal Land Bank</td>
<td>9</td>
<td>9,560.00</td>
</tr>
<tr>
<td>The Bank of Orangeburg</td>
<td>18</td>
<td>11,240.00</td>
</tr>
<tr>
<td>The First National Bank</td>
<td>10</td>
<td>28,472.00</td>
</tr>
<tr>
<td>Total</td>
<td>57</td>
<td>$54,219.00</td>
</tr>
</tbody>
</table>

Farm Records: Two farmers were assisted and several advised in keeping complete farm records. The importance of farm records were stressed.

Summary of Record Demonstration

<table>
<thead>
<tr>
<th>Farmer</th>
<th>Address</th>
<th>Size Farm Acres</th>
<th>Type of Farm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Able Hampton</td>
<td>Rte. 2, Cameron, S.C.</td>
<td>218</td>
<td>Cotton-Hogs</td>
</tr>
<tr>
<td>Wilbur Klett</td>
<td>Rte. 2, Cameron, S.C.</td>
<td>160</td>
<td>Cotton-Truck</td>
</tr>
</tbody>
</table>
AGRICULTURAL ENGINEERING

Agricultural Engineering Work done in 1947 included Farm building, Farm machinery, Drainage and Screening.

Farm Building: Building plans, information and assistance in getting supplies were furnished in constructing farm buildings as outline.

<table>
<thead>
<tr>
<th>Buildings</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brooder Houses</td>
<td>6</td>
</tr>
<tr>
<td>Living Houses</td>
<td>3</td>
</tr>
<tr>
<td>Poultry Houses</td>
<td>1</td>
</tr>
<tr>
<td>General Purpose Barn Repaired</td>
<td>2</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>12</strong></td>
</tr>
</tbody>
</table>

Farm Machinery: Two demonstrations were given on the use and care of the farm tractor. A total of 14 farmers and clubsters were present.

Drainage: Two farmers were assisted in draining 250 acres of land in the lower section of the county. The names of the farmers and the amount of land drained are as stated below.

<table>
<thead>
<tr>
<th>Name</th>
<th>Address</th>
<th>No. of Acres drained</th>
</tr>
</thead>
<tbody>
<tr>
<td>Willie Smith</td>
<td>Route 3, Bowman, S.C.</td>
<td>110</td>
</tr>
<tr>
<td>Leroy Rush</td>
<td>Route 3, Bowman, S.C.</td>
<td>140</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td><strong>250</strong></td>
</tr>
</tbody>
</table>

Running Water: Thomas Robinson of Pineville Section was furnished plans to install and to build septic tank. The total cost, including a water line to the barn for livestock cost $ 550.00.

Farm Home Screening: Two farmers of the Santee Section were assisted in screening their homes during the year. Namely, John Scott and Thomas Mitchell.
AGRONOMY

Work done in Agronomy in 1947 included Improved Cotton- Seeds, Oats demonstrations, Wheat demonstrations, Corn demonstrations and Cucumber program.

Improved Cotton Seeds: Orangeburg County farmers under the supervision of the county agent ordered over seven tons of Coker's 100 Strain 1946 Wilt resistant cotton seeds. As a result of the cooperative order, the farmers were able to save an average of $0.90 on the 100 pounds. The seeds were ordered by 52 farmers representing every section of the county.

Four farmers out of the above group conducted Five-acre Cotton Improvement Demonstrations.

Summary of Five-acre Cotton Improvement Demonstrations.

<table>
<thead>
<tr>
<th>Name</th>
<th>Lbs. of Seed Cotton</th>
<th>Lbs. of Lint Cotton</th>
<th>Value</th>
<th>Cost</th>
<th>Profit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Moise Williams</td>
<td>10,550</td>
<td>3,590</td>
<td>$1,400.00</td>
<td>$220.00</td>
<td>$1,180.00</td>
</tr>
<tr>
<td>David Cain</td>
<td>10,462</td>
<td>3,154</td>
<td>1,207.98</td>
<td>225.00</td>
<td>982.98</td>
</tr>
<tr>
<td>David Wright</td>
<td>9,540</td>
<td>3,242</td>
<td>1,101.88</td>
<td>205.00</td>
<td>896.88</td>
</tr>
<tr>
<td>James Glover</td>
<td>9,350</td>
<td>3,120</td>
<td>1,090.80</td>
<td>195.00</td>
<td>895.80</td>
</tr>
</tbody>
</table>

Total 40,002 13,106 $4,800.66 $845.00 $3,955.66

Average yield of seed cotton per acre 2,000.1 pounds
Average yield of lint cotton per acre 655.3 pounds
Average profit per acre $197.78
County average yield per acre, lint. 325 pounds
Oats Demonstrations: Three demonstrations were conducted in oats production and records kept.

Summary of Oats Demonstrations

<table>
<thead>
<tr>
<th>Name</th>
<th>Acre</th>
<th>Bus., Yld.</th>
<th>Bus. per Acre</th>
<th>Value</th>
<th>Cost</th>
<th>Profit</th>
</tr>
</thead>
<tbody>
<tr>
<td>William Sanders</td>
<td>10</td>
<td>520</td>
<td>52</td>
<td>$650.00</td>
<td>$85.00</td>
<td>$565.00</td>
</tr>
<tr>
<td>F.B. Goodwin</td>
<td>5</td>
<td>195</td>
<td>39</td>
<td>243.75</td>
<td>51.00</td>
<td>192.75</td>
</tr>
<tr>
<td>J.C. Gordon</td>
<td>5</td>
<td>140</td>
<td>28</td>
<td>175.00</td>
<td>42.00</td>
<td>133.00</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>20</strong></td>
<td><strong>855</strong></td>
<td><strong>119</strong></td>
<td><strong>$1,068.75</strong></td>
<td><strong>178.00</strong></td>
<td><strong>$890.75</strong></td>
</tr>
</tbody>
</table>

Average yield per acre 42.7 bus.
County average yield per acre 24.0 bus.
Average cost per acre $8.90
Average profit per acre $44.56

Wheat Demonstrations: Many farmers are showing interest in wheat production in Orangeburg County. Three wheat production demonstrations were conducted and complete records kept.

Summary of Wheat Production Demonstrations

<table>
<thead>
<tr>
<th>Name</th>
<th>Acre</th>
<th>Bus. Yld.</th>
<th>Bus. per Acre</th>
<th>Value</th>
<th>Cost</th>
<th>Profit</th>
</tr>
</thead>
<tbody>
<tr>
<td>William Sanders</td>
<td>6</td>
<td>222</td>
<td>37</td>
<td>$555.00</td>
<td>$64.00</td>
<td>$491.00</td>
</tr>
<tr>
<td>Carwell McMichel</td>
<td>3</td>
<td>51</td>
<td>17</td>
<td>127.50</td>
<td>38.00</td>
<td>89.50</td>
</tr>
<tr>
<td>J.C. Funches</td>
<td>4</td>
<td>48</td>
<td>12</td>
<td>112.00</td>
<td>56.50</td>
<td>55.50</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>13</strong></td>
<td><strong>321</strong></td>
<td><strong>66</strong></td>
<td><strong>$794.50</strong></td>
<td><strong>158.50</strong></td>
<td><strong>$636.00</strong></td>
</tr>
</tbody>
</table>

Average yield per acre 24.6 bus.
County average yield per acre 13.0 bus.
Average cost per acre $12.18
Average profit per acre 48.11
### Summary of Corn Production Demonstrations

<table>
<thead>
<tr>
<th>Name</th>
<th>Acres</th>
<th>Bush. per Acre</th>
<th>Bushels Yield</th>
<th>Value</th>
<th>Cost</th>
<th>Profit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Marion Williams</td>
<td>10</td>
<td>42</td>
<td>420</td>
<td>$1,050.00</td>
<td>$134.00</td>
<td>$916.00</td>
</tr>
<tr>
<td>Able Hampton</td>
<td>10</td>
<td>41</td>
<td>410</td>
<td>1,025.00</td>
<td>140.00</td>
<td>885.00</td>
</tr>
<tr>
<td>John Tyler</td>
<td>10</td>
<td>33</td>
<td>330</td>
<td>950.00</td>
<td>115.00</td>
<td>835.00</td>
</tr>
<tr>
<td>Grady Fulmore</td>
<td>10</td>
<td>25</td>
<td>250</td>
<td>625.00</td>
<td>118.00</td>
<td>507.00</td>
</tr>
<tr>
<td>Julius Wright</td>
<td>10</td>
<td>18</td>
<td>180</td>
<td>450.00</td>
<td>110.00</td>
<td>340.00</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>50</strong></td>
<td><strong>164</strong></td>
<td><strong>1,640</strong></td>
<td><strong>$4,100.00</strong></td>
<td><strong>$617.00</strong></td>
<td><strong>$3,483.00</strong></td>
</tr>
</tbody>
</table>

- Average yield per acre: 32.4 bushels
- Average county yield per acre: 16.0 bushels
- Average cost per acre: $12.34
- Average profit per acre: $69.66
**ANIMAL HUSBANDRY**

Animal Husbandry Work done in 1947 included beef cattle, feeding swine, cutting and curing meat.

**Swine:** Two purebred gilts and three purebred boars were placed with farmers in 1947. Educational work was done along the line of improving livestock and building up the breed. A summary of the placing was as follows:

**Purebred Gilts Placed**

<table>
<thead>
<tr>
<th>Name</th>
<th>No.</th>
<th>Breed</th>
<th>Age</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paul Jones</td>
<td>1</td>
<td>Poland China</td>
<td>3 Mos.</td>
<td>$12.00</td>
</tr>
<tr>
<td>Frank Glover</td>
<td>1</td>
<td>Poland China</td>
<td>4½ Mos.</td>
<td>15.00</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>2</td>
<td></td>
<td></td>
<td><strong>$27.00</strong></td>
</tr>
</tbody>
</table>

**Purebred Boars Placed**

<table>
<thead>
<tr>
<th>Name</th>
<th>No.</th>
<th>Breed</th>
<th>Age</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thomas Williams</td>
<td>1</td>
<td>Poland China</td>
<td>2 Mos.</td>
<td>$6.00</td>
</tr>
<tr>
<td>Sammie Williams</td>
<td>1</td>
<td>Poland China</td>
<td>2 Mos.</td>
<td>6.00</td>
</tr>
<tr>
<td>Henry King</td>
<td>1</td>
<td>Poland China</td>
<td>2 Mos.</td>
<td>6.00</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>3</td>
<td></td>
<td></td>
<td><strong>$18.00</strong></td>
</tr>
</tbody>
</table>

*Purebred Boar Placed*
Feeding Demonstrations: Two hog feeding demonstrations were conducted with complete records kept. A summary of the demonstrations are as follows:

<table>
<thead>
<tr>
<th>Name</th>
<th>No. of Hogs</th>
<th>Value</th>
<th>Cost</th>
<th>Profit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Able Hampton</td>
<td>29</td>
<td>$1,124.60</td>
<td>$390.50</td>
<td>$743.10</td>
</tr>
<tr>
<td>John Berry</td>
<td>8</td>
<td>520.00</td>
<td>115.00</td>
<td>405.00</td>
</tr>
<tr>
<td><strong>Totals</strong></td>
<td><strong>37</strong></td>
<td><strong>$1,644.60</strong></td>
<td><strong>$505.50</strong></td>
<td><strong>$1148.00</strong></td>
</tr>
</tbody>
</table>

Cutting and Curing Meat: Two cutting and curing meat demonstrations were conducted with the attendance of 38 farmers and clubsters in the Branchville Section with 750 pounds of meat cut and cured.

Worm Control: In the Norway section, three farmers reporting hogs infested with worm were advised to use Worm Powder in the feed, and the method of pasture rotation, which in both cases did away with the worm.

Beef Cattle: In the rowesville section one beef bull and one beef cow was placed as starters of a heid with Framk Glover.

<table>
<thead>
<tr>
<th>Name</th>
<th>Sex</th>
<th>Cost</th>
<th>Breed</th>
<th>Age</th>
</tr>
</thead>
<tbody>
<tr>
<td>Framk Glover</td>
<td>Cow</td>
<td>$84.00</td>
<td>Hereford</td>
<td>16 Mos.</td>
</tr>
<tr>
<td></td>
<td>Bull</td>
<td>$76.00</td>
<td>Hereford</td>
<td>14 Mos.</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td><strong>$160.00</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
DAIRYING

Dairy Work in 1947 included grazing crops, the follow up of two milk routes, the growing of roughages and placing of purebred calves for dairy and family milk cows.

Grazing Crops: During the months that grazing was limited, two farmers, having been assisted in planting Summer grazing crops, experienced favorable income from milk, above the average, that period of the year.

**Summary of Grazing Crops**

<table>
<thead>
<tr>
<th>Name</th>
<th>Crop</th>
<th>Acres</th>
<th>No. of Cows</th>
</tr>
</thead>
<tbody>
<tr>
<td>John Williams</td>
<td>Pearl Millet</td>
<td>5</td>
<td>7</td>
</tr>
<tr>
<td>Sam Crum</td>
<td>Pearl Millet</td>
<td>8</td>
<td>16</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td><strong>13</strong></td>
<td><strong>23</strong></td>
</tr>
</tbody>
</table>

Milk Routes: Checking the records of the Milk Routes started in 1945, through the cooperation of the West End Dairy of Orangeburg. Milk production and income from milk has increase 60 per cent in one year. Farmers of Orangeburg are becoming more incline to produce milk and those that are producing milk are producing better milk.

One milk route was organized and one is being organized in the Bowman Section.

Two demonstrations were conducted with the curing of four tons of hay, with complete records kept.

**Summary of Hay Demonstrations**

<table>
<thead>
<tr>
<th>Name</th>
<th>Kind of Hay</th>
<th>Acres</th>
<th>Pounds of Hay</th>
</tr>
</thead>
<tbody>
<tr>
<td>C.D. Bowman</td>
<td>Lespedeza</td>
<td>1</td>
<td>1,800</td>
</tr>
<tr>
<td>William Berry</td>
<td>Lespedeza</td>
<td>1</td>
<td>2,200</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td><strong>2</strong></td>
<td><strong>4,000</strong></td>
</tr>
</tbody>
</table>
ENTOMOLOGY AND PLANT PATHOLOGY

Entomology and Plant Pathology work in 1947 included work with Crop Insects and Diseases.

**Small Grain Diseases:** Five demonstrations were conducted on the treatment of small grain with Ceresan, with an attendance of 38 farmers and clubsters.

**Summary of Grain Treatment**

<table>
<thead>
<tr>
<th>Small Grain</th>
<th>Bushels Treated</th>
<th>Farmers attending</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oats</td>
<td>16</td>
<td>20</td>
</tr>
<tr>
<td>Wheat</td>
<td>12</td>
<td>18</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>28</strong></td>
<td><strong>38</strong></td>
</tr>
</tbody>
</table>

**Boll Weevil Control:** Boll Weevil Control was discussed with methods of prevention and control. The 1-1-1 poison, DDT Dust and other methods of control were recommended.

**Cotton Seed Treatment:** Four demonstrations were conducted in the Spring of 1947 on Dust Treatment of cotton seeds. The demonstrations were conducted with the idea of having nearly section of the county represented. One of the demonstrations was conducted in a county wide meeting.

**Sweet-Potatoe Treatment:** Since the county has increased it’s sweet-potatoe production over 60 per cent, much attention has been given to potato treatment before planting. Six demonstrations have been conducted on the treatment of sweet-potatoes with Borax and Bichloride of Mercury.
FORESTRY

Forestry work in Orangeburg County included thinning timber stands and forest fire prevention.

Thinning Timber Stands: One demonstration was conducted on thinning timber stands. The proper method was pointed out on thinning for fuel, lumber, pulp-wood and post.

Forest Fire Prevention: Cooperation was given the Forestry Department in its program of prevention and control of forest fires. Clubs and adults were given bulletins, "Forest Management, Fire Prevention and Control."

FOUR-H CLUB WORK

Every community in Orangeburg County was represented in some type of 4-H demonstration in 1947. Nine communities had organized 4-H clubs with a total of 398 clubsters registered in some type of demonstration and 272 demonstrations completed.

Summary of 4-H Completions in 1947

<table>
<thead>
<tr>
<th>Demonstration</th>
<th>Completion</th>
<th>Value</th>
<th>Cost</th>
<th>Profit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cotton</td>
<td>84</td>
<td>$12,209.75</td>
<td>$4,233.10</td>
<td>$7,976.65</td>
</tr>
<tr>
<td>Corn</td>
<td>42</td>
<td>$4,761.00</td>
<td>$1,027.40</td>
<td>$3,733.60</td>
</tr>
<tr>
<td>Poultry</td>
<td>48</td>
<td>$5,599.30</td>
<td>$2,255.99</td>
<td>$3,343.31</td>
</tr>
<tr>
<td>Pigs, Fat</td>
<td>50</td>
<td>$1,779.48</td>
<td>$911.35</td>
<td>$868.13</td>
</tr>
<tr>
<td>Calf, Beef</td>
<td>13</td>
<td>$3,782.28</td>
<td>$1,676.45</td>
<td>$2,105.83</td>
</tr>
<tr>
<td>Potatoes</td>
<td>24</td>
<td>$2,532.25</td>
<td>$809.50</td>
<td>$1,722.75</td>
</tr>
<tr>
<td>Gardens</td>
<td>9</td>
<td>$1,582.80</td>
<td>$316.58</td>
<td>$1,266.22</td>
</tr>
</tbody>
</table>

Total 272 $32,246.86 $11,230.37 $21,016.49
Four -H Beef Calf Demonstrations: A total of twenty clubsters purchased Hereford steers, out of which 18 were fed out, showed and sold in the fat cattle show and sale held in Orangeburg April 24-25, that were placed by the agent. The 18 steers were graded as follows; choice 2, good 6, and medium 10. The Grand Champion was shown by Monroe Crawford of Orangeburg Community weighing 900 pounds brings a total of $339.18 including prizes. The Champion steer sold for 35¢ per pound.

Summary of 4-H Beef Calf Demonstrations

<table>
<thead>
<tr>
<th>Names</th>
<th>Gain in Wt.</th>
<th>Value</th>
<th>Cost</th>
<th>Profit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shellie Klett</td>
<td>440</td>
<td>$210.15</td>
<td>$85.74</td>
<td>$124.40</td>
</tr>
<tr>
<td>Thomas Wright</td>
<td>355</td>
<td>233.17</td>
<td>95.94</td>
<td>137.23</td>
</tr>
<tr>
<td>Maude Wright</td>
<td>376</td>
<td>212.15</td>
<td>87.27</td>
<td>124.88</td>
</tr>
<tr>
<td>Moise Williams Jr.</td>
<td>335</td>
<td>171.17</td>
<td>85.74</td>
<td>85.43</td>
</tr>
<tr>
<td>Clarence Smith</td>
<td>380</td>
<td>209.79</td>
<td>89.57</td>
<td>120.22</td>
</tr>
<tr>
<td>Spencer Smith</td>
<td>375</td>
<td>185.08</td>
<td>94.30</td>
<td>90.78</td>
</tr>
<tr>
<td>George Williams</td>
<td>280</td>
<td>184.76</td>
<td>97.72</td>
<td>87.40</td>
</tr>
<tr>
<td>Carl Williams</td>
<td>275</td>
<td>180.04</td>
<td>97.44</td>
<td>82.60</td>
</tr>
<tr>
<td>Jean Williams</td>
<td>270</td>
<td>146.23</td>
<td>78.94</td>
<td>69.29</td>
</tr>
<tr>
<td>Monroe Crawford</td>
<td>390</td>
<td>339.18</td>
<td>88.44</td>
<td>250.74</td>
</tr>
<tr>
<td>Paul Berry</td>
<td>305</td>
<td>170.10</td>
<td>86.99</td>
<td>83.11</td>
</tr>
<tr>
<td>Howard Williams</td>
<td>385</td>
<td>254.68</td>
<td>83.30</td>
<td>171.38</td>
</tr>
<tr>
<td>Louis Williams</td>
<td>335</td>
<td>205.33</td>
<td>93.68</td>
<td>101.65</td>
</tr>
<tr>
<td>Frenchot Williams</td>
<td>445</td>
<td>258.03</td>
<td>93.80</td>
<td>144.23</td>
</tr>
<tr>
<td>James Williams</td>
<td>330</td>
<td>180.57</td>
<td>107.54</td>
<td>73.03</td>
</tr>
<tr>
<td>Marion Cain</td>
<td>325</td>
<td>262.06</td>
<td>113.20</td>
<td>48.86</td>
</tr>
<tr>
<td>O'Neal Williams</td>
<td>335</td>
<td>240.06</td>
<td>118.70</td>
<td>121.36</td>
</tr>
<tr>
<td>Wilbur Klett Jr.</td>
<td>270</td>
<td>189.75</td>
<td>82.34</td>
<td>107.41</td>
</tr>
<tr>
<td><strong>Totals</strong></td>
<td><strong>6,206</strong></td>
<td><strong>$3,782.10</strong></td>
<td><strong>$1,685.45</strong></td>
<td><strong>$1,796.65</strong></td>
</tr>
</tbody>
</table>

District Grand Champion of Orangeburg County
Four-H Beef Calf judging Team: To participate in a beef calf judging team during the fat cattle show and sale held in Orangeburg April 24-25, 1947, four 4-H clubsters were trained. The judging team won the contest which gave the privilege of attending the State Conservation Camp free and their trainer, the agent. The second highest individual score was taken by Howard Williams of Orangeburg, county, a member of the team.

The problem of getting beef calves in Orangeburg county made it impossible for the agent of place but only three steers with clubsters so far for the 1948 fat cattle's show and sale. Other steers have been located but have not been placed.

Summary of Beef Steers placed for 1948 Show

<table>
<thead>
<tr>
<th>Names</th>
<th>Cost</th>
<th>Weight</th>
<th>No. of Steers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frenchot Williams</td>
<td>$162.50</td>
<td>650 pounds</td>
<td>1</td>
</tr>
<tr>
<td>Louis Williams</td>
<td>110.00</td>
<td>500</td>
<td>1</td>
</tr>
<tr>
<td>Howard Williams</td>
<td>110.00</td>
<td>500</td>
<td>1</td>
</tr>
<tr>
<td><strong>Totals</strong></td>
<td><strong>$382.50</strong></td>
<td><strong>1650 pounds</strong></td>
<td><strong>3</strong></td>
</tr>
</tbody>
</table>

Beef calf Showing and Fitting Demonstration

County Beef calves Shown April 24, 1947
Four -H Camp: On July 15-18, 1947, 19 4-H club boys and girls attended the three day camp of the district at Bettis Academy in Aiken which was under the direction of Mr. Hammon, Aiken county agent. The district camp which was organized for only one year was not only enjoyed by the clubsters but the agents attending also.

The State Conservation camp held at state College was attended by 12 4-H boys and girls of Orangeburg county. The twelve included the 4-H beef cattle judging team which won the judging contest during the fat cattle show and sale held in Orangeburg county.

Clubsters in Camp at Bettis Academy
Eight club clusters participated in the state 4-H corn contest of which seven completed the demonstrations. Outline below is a summary of the demonstrations.

<table>
<thead>
<tr>
<th>Names</th>
<th>Bushels Per Acre</th>
<th>Value</th>
<th>Cost</th>
<th>Profit</th>
</tr>
</thead>
<tbody>
<tr>
<td>O'Neal Williams Jr.</td>
<td>51.2</td>
<td>$127.60</td>
<td>$15.00</td>
<td>$112.60</td>
</tr>
<tr>
<td>Louis Williams</td>
<td>45.5</td>
<td>112.70</td>
<td>18.00</td>
<td>94.70</td>
</tr>
<tr>
<td>Frenchot Williams</td>
<td>53.6</td>
<td>132.80</td>
<td>20.00</td>
<td>112.80</td>
</tr>
<tr>
<td>Moise Williams Jr.</td>
<td>36.1</td>
<td>96.50</td>
<td>20.00</td>
<td>76.50</td>
</tr>
<tr>
<td>Thomas Wright</td>
<td>65.1</td>
<td>162.75</td>
<td>28.50</td>
<td>134.25</td>
</tr>
<tr>
<td>Howard Williams</td>
<td>50.4</td>
<td>125.00</td>
<td>26.00</td>
<td>99.00</td>
</tr>
<tr>
<td>George Anderson</td>
<td>34.7</td>
<td>84.30</td>
<td>12.50</td>
<td>71.80</td>
</tr>
</tbody>
</table>

**Summary of State 4-H Corn Demonstrations**

- **Total Bushels**: 337.6
- **Total Value**: $831.65
- **Total Cost**: $140.00
- **Total Profit**: $691.65

Average bushels yield per acre: 49.5
Average county yield per acre: 16.0

**Four-H Club Corn exhibition and Seed Treatment Demonstration**

**County 4-H Council**: Orangeburg county 4-H council which was organized for the second time meet three times during the year. During the meeting officers were trained to better jobs as officers of their local clubs.
Horticulture work done in Orangeburg county in 1947 included home orchards, home gardens, sweet potatoes and cucumbers.

Home Orchards: The planting of small fruits such as strawberries, grapes, and the planting of small grain on land between fruit trees to control insect and diseases was stressed by the agent throughout the year.

Pruning Demonstrations: Four pruning demonstrations were conducted during the year with a total of 42 clubsters and farmers attending.

Sweet Potatoes. As the farmers of Orangeburg county are turning towards sweet potato production, more work has been done to improve the crop. One fire heated hot bed was constructed on the farm of Frank Janison in the Great Branch section and two which was constructed last year was followed up. The above three fire heated hot beds produced over 75 thousands plants.

Home Gardens: Complete records were kept of two home gardens. Insect control was stressed. A summary of home gardens with records kept are as follows.

<table>
<thead>
<tr>
<th>Name</th>
<th>Size</th>
<th>Plot</th>
<th>No. Planting</th>
<th>Qts. Canned</th>
</tr>
</thead>
<tbody>
<tr>
<td>David Cain</td>
<td>4.5</td>
<td>acre</td>
<td>14</td>
<td>610</td>
</tr>
<tr>
<td>John Tyler</td>
<td>1.0</td>
<td>&quot;</td>
<td>18</td>
<td>915</td>
</tr>
<tr>
<td>Totals</td>
<td>1.5</td>
<td>acres</td>
<td>32</td>
<td>1,525</td>
</tr>
</tbody>
</table>

David Cain's Garden Product Exhibited at the County Fair.
Cucumber Program: The farmers of Orangeburg county again accepted a cooperative contract of the Colony Foods Company of Va. to plant cucumbers. Over 250 acres were planted with 210 of the demonstrations completed. Being the second time farmers cultivating the crop, much information had to be given farmers which included bulletins, letters and continually meeting to discuss the crop. As the crop begin to reach maturity grading demonstrations became necessary.

The company paid farmers $5.00 per hundred pounds for No. 1, $3.00 per hundred pounds for No. 2, and $1.00 per hundred pounds for No. 3. Over 15,000 bushels were sold bring the farmers more than $14,000 dollars.

The following vocational agriculture teachers cooperated with the agent in getting the program started and finished:
- Mr. Robert Ashley
- Mr. I. W. Harrison
- Mr. Ashley Aiken
- Mr. C. H. Thomas
- H. K. Dowdy

The program will continue another year with the assistance of the vocational agricultural teachers and the supervision of county agent.
MARKETING

Work done in marketing in 1947 included demonstrations in grading and packing products for market, and aiding farmers in cooperative buying and selling.

**Grading and packing:** The agent assisted many farmers in grading, packing products and surplus products, for market. The grading and packing consisted of sweet potatoes, Irish potatoes, cucumbers, eggs, beans and peas.

POULTRY

Poultry work done in Orangeburg county included poultry house improvement, demonstrations in culling, poultry health and management.

**Poultry House Improvement:** During the year plans were furnished for the construction of six brooder houses and one poultry house. A summary of brooder houses according to plans furnished by the agent as follows:

<table>
<thead>
<tr>
<th>Names</th>
<th>Brooder Houses</th>
<th>Poultry Houses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frank Jamison</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>C. D. Bowman</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Permon Smith</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Willie Smith</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Duglas Spells</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>T. T. Crummel</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Spencer Smith</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td><strong>Totals</strong></td>
<td><strong>6</strong></td>
<td><strong>1</strong></td>
</tr>
</tbody>
</table>

**Culling Demonstration:** One culling demonstration was conducted with over 18 clubsters attending in the Norway section.

**Poultry Health and Sanitation:** One poultry health and sanitation demonstration was conducted with a 20% increase of egg production in the Branchville section.
PUBLICITY

Publicity work done in Orangeburg county consisted of circular letters, press articles, and the distribution of bulletins. A summary of publicity work done in 1947 as follows:

<table>
<thead>
<tr>
<th>Summary of Publicity Work in 1947</th>
</tr>
</thead>
<tbody>
<tr>
<td>Individual letters</td>
</tr>
<tr>
<td>Circular letters</td>
</tr>
<tr>
<td>Copies mailed</td>
</tr>
<tr>
<td>Press articles</td>
</tr>
<tr>
<td>Bulletins distributed</td>
</tr>
</tbody>
</table>

Circular Letters: A total of 46 circular letters were prepared and 4,659 copies mailed. A total of 319 individual letters were written. Circular letters and individual contain information concerning agriculture, notices of meetings and demonstrations.

Press Articles: Press articles contained information on meetings and agricultural activities which took place during the year.

Bulletins Distributed: Bulletins containing information of all phases of agricultural specifications were distributed.

Visual Instructions

Visual instruction work in Orangeburg county included slides, filmstrips, and charts, and tours.

Film Strips: Filmstrips were shown to over 2,000 farmers clubsters and farm homemakers. Photographs were made by the county agent of demonstrations during the year.

Tours: Over 70 farmers were taken to Coker’s Pedigreed seed farm located at Hartsville, S.C. There they saw modern farm machinery, diarying, seed breeding, and Coker’s cotton picker in operation.
Wheat Demonstration

Beef Calf Placed for 1948
Dear Co-Worker:

Saturday, July 26, 1947 at State College, Hodge Hall, our county biannual conference will meet at 10:30 A.M. We will also have our home cured meat show that day.

We are asking that all farmers in the county attend this meeting and bring along their home cured meat for exhibition. I'm sure that there is much you can get out this meeting for the progress of your farm. So-- don't forget the time; tell others and above all be on time.

We are also making plans for our annual trip to Coker's Pedigreed Seed Farm on July 29th. Others plans for the trip will be made during our conference on the 26th.

Yours truly,

G. W. Daniels
Negro Agri. Agent
Dear Friend and Co-Worker:

Saturday, May 31, 1947 at 12 o’clock P.M., we are calling a meeting of all farmers having cucumbers planted under contract with The Orangeburg Foods Inc. at the cucumber market. The cucumber market is located near the People’s Livestock Market across from the packing plant.

This meeting has many purposes of which will be of great help to you. One of the main purposes is to SHOW you the grade of cucumbers wanted by the buyer and the cucumbers that will bring you the most money. If you have any cucumbers please bring them along.

Please remember the time, tell others and be on time.

GWD/qjs

Yours truly,

G. W. Daniels
Agriculture Agent.
Dear Friend and Co-Worker:

It will soon be time for you to pick your cucumbers. As you know the buyer want small pickle cucumbers. When you start picking, pick them very close Mondays,Wednesdays,Fridays and Saturdays. If this suggestion is followed we are sure you will get the best results.

Again I would like to emphasize that you will get the most money for the small cucumbers.

The market is not hard to find. It is located near the People's Livestock Market across from the Packing plant.

GWD/qjs

Yours truly,

G. W. Daniels
Agri. Agent.
Dear Parents and 4-H clubsters:

We are calling a county meeting of all 4-H beef calf members and their parents Saturday, May 24, 1947 at 12 o'clock P. M. on State College Campus in Hodge Hall auditorium.

The purpose of this meeting is to present to each clubster showing a beef calf in the showing last April 24, 1947, a prize. Mr. E. N. Williams, District Agent, will make the presentations and speak to you. We would like to have every clubster that grew a beef calf present.

Other clubsters interested in growing and feeding out beef calves for 1948 are also invited to attend this meeting.

Please be on time because we're going to begin on time in order to get out on time.

Yours truly,

G. W. Daniels
Agriculture Agent.
Dear Clubster:

On Saturday, April 5, 1947, at 10:30 o'clock A. M. our county 4-H council is scheduled to meet for the second quarter on State College Campus.

As you know all 4-H club officers are members of the county council and we are asking that all members attend.

We will be expecting all officers present and leaders. Please be on time.

GWD/ qjs

Yours truly,

G. W. Daniels
Negro Agri. Agent.