

1947

1947 Kershaw County Extension Service Report

Clemson University Cooperative Extension Service

W. C. McCarley

John B. Griffith

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ANNUAL REPORT

COUNTY AGENT WORK

Kershaw
County

SOUTH CAROLINA

1947

W. C. McCarley

County Agent

J. B. Griffith

Assistant County Agent

Assistant County Agent

Farm Labor Assistant

CLEMSON AGRICULTURAL COLLEGE

Cooperating with

UNITED STATES DEPARTMENT OF AGRICULTURE

EXTENSION SERVICE

D. W. Watkins, Director

Clemson, South Carolina

DEC 14 1947

ANNUAL REPORT OF COUNTY AGENT WORK

KERSHAW COUNTY, SOUTH CAROLINA

1947

W. C. McCarley, County Agent

John B. Griffith, Asst. County Agent

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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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KERSHAW COUNTY

1947-48

I. County, Community and Neighborhood Organization of Volunteer Farm and Home Leaders.

1. County Agricultural Committee:

a. Statement as to how members were selected

This very important committee is a hand-picked group thoroughly familiar with the home and farm conditions in the rural area. They are progressive men and women who have studied the present needs and because of their vision they are willing to give freely of their time in order to see Kershaw County move forward. They represent all sections of the county; they are familiar with farming conditions on each type of soil; they come from both the landowner and tenant class; they vary from a one horse farmer to a 50 horse farmer; others have received their knowledge through long years of experience. Serving on this committee other than farmers are business men who are interested in seeing Kershaw County move forward in an agricultural way, also representatives of state and federal agencies who are cooperating with the farm people. "In union there is strength" and a common cause unites them.

b. List of names and addresses of members, and list of executive committee and /or other subcommittees

H. L. Dinkins	Lugoff, S. C.
K. C. Eppers	Kershaw, S. C., Rt. 1
Mrs. O. J. Smyrl	Camden, S. C., Rt. 3
J. E. Davis	Bethune, S. C.
W. T. Holley	Jefferson, S. C., Rt. 2
Mrs. Ira Ellis	Kershaw, S. C., Rt. 6
Dr. W. D. Grigsby	Blaney, S. C.
J. B. McCoy	Camden, S. C., Rt. 2
Mrs. W. J. Denton	Camden, S. C., Rt. 2
I. J. McKenzie	Camden, S. C., Rt. 1
E. T. Pearce	Camden, S. C., Rt. 1
Mrs. Mattie R. West	Camden, S. C., Rt. 1
L. O. Funderburk	Camden, S. C.
Mrs. Claude West	Camden, S. C.
J. R. West	Cassatt, S. C.
W. R. Capehart	Boykin, S. C.
U. N. Myers	Camden, S. C.
J. B. Cantey	Camden, S. C.
Carl Lightfoot	Camden, S. C.
R. S. Kirk	Lugoff, S. C.
W. B. Fort	Camden, S. C., Rt. 3
Ira B. Catoe	Kershaw, S. C., Rt. 6
M. G. King	Bethune, S. C.
D. K. Stokes	Camden, S. C., Rt. 1
Mrs. J. B. McCoy	Camden, S. C., Rt. 2
Mrs. James Rosborough	Lugoff, S. C.
Mrs. I. J. McKenzie	Camden, S. C., Rt. 1
L. O. Jones	Lugoff, S. C.

Executive Committee

J. B. Cantey	Camden, S. C.
R. S. Kirk	Lugoff, S. C.
M. G. King	Bethune, S. C.
James R. West	Cassatt, S. C.
L. O. Funderburk	Camden, S. C.

Sub-Labor Committee

John Rabon	Lugoff, S. C.
J. R. West	Camden, S. C.
Mrs. O. J. Smyrl	Camden, S. C., Rt. 3

Marketing Committee

L. O. Jones	Boykin, S. C.
L. O. Funderburk	Camden, S. C.
Mrs. Hugh McCallum	Lugoff, S. C.

State Agricultural Committee

L. O. Funderburk	Camden, S. C.
Mrs. O. J. Smyrl	Camden, S. C., Rt. 3

c. Full and comprehensive statement of duties and responsibilities

1. Discussion of program informally with residents of community.
2. Carrying out suggested demonstrations and encourage neighbors to do likewise.
3. Urge millers to install enrichment in mills.
4. Serve as local leaders with 4-H clubs and encourage 4-H work and interest parents of community in this work
5. Attend extension meetings and bring others.
6. Inform selves on State and Federal legislation especially applying to farmers and contact representatives, etc., telling effect of particular legislation on his community.

2. Community Agricultural Committees and Neighborhood Leaders:

- a. Names of communities and neighborhoods with the community and number of active voluntary community and neighborhood leaders in each community.

White Communities	No. Voluntary leaders
Oakland	7
Watkins	
Ratcliff	
Hall	
Lugoff	6
Bell	
Kirkland	
Jones	
Pinegrove	5
Rabon	
Blyther	
Branham	

Three C's	6
Bell	
Croxtton	
Baron DeKalb	15
Etters	
Smyrl	
McDowell	
Truesdale	
Lorick	
Jordan	
Timrod	7
Baker	
Jones	
Mangum	
Gatesford	6
Horton	
West	
Bowers	
Sandhill	4
Jones	
Rutledge	
Mt. Pisgah	8
Buffalo	
Neds Creek	
Holley	
Threatt	
Blaney	5
McLeod	
Rose	
Goff	
Midway	11
Gates Hill	
Malvin Hill	
Cassatt	
Young	
McCoy	
Bethune	
Boykin	5
Boykin	
Pearce	
Smith	
Charlotte Thompson	
Antioch	5
Stokes	
Lee	
Wilson	
Davis	
Charlotte Thompson	6
Pearce	
Workman	
Bruce	

3. Programs or campaigns handled through voluntary leaders in 1947.

1. 1947 Agricultural Program for South Carolina: The community and neighborhood leaders were used to familiarize Kershaw County farm people with the 1947 Agricultural Program for Kershaw County. They also helped us in getting advertisements in the local newspaper advertising the various points in the program.

2. Liming and Superphosphate program: Community and neighborhood leaders assisted in taking orders for lime and phosphate, they also discussed with their neighbors the importance of using lime and phosphate and other educational work in reference to this program. Farmers in the county used 350 tons of superphosphate and 2799 tons of lime.

3. Austrian Winter Peas: The leaders helped in the distribution of Austrian Winter peas in the same capacity as with the lime and phosphate. 19,000 pounds of Austrian Winter and Dixie Wonder peas were put out in Kershaw County.

4. Terracing program: Leaders were familiarized with the importance of the soil conservation program and realizing that terracing is the beginning of any soil conservation program they were asked to talk with their neighbors in reference to having their land terraced. They were also asked to see that the terraces are kept up after they are constructed. This program is beginning to show results.

5. Seeding small grain: The leaders were advised of the importance of a large acreage being planted to small grains due to the good prices and the fact that we want to help feed other countries they also assisted in educating their neighbors in reference to the importance of applying fertilizer to small grain at the time of seeding because of the lack or shortage of nitrate in the Spring.

6. REA Program: Community and neighborhood leaders assisted in getting the \$5.00 deposit fees for REA lines. During the year approximately 300 miles of lines were built in the county with 800 consumers.

7. Labor Saving Show: Leaders in every community assisted us in advertising the labor saving show and in getting people to attend. They also were helpful in getting labor saving devices shown at the show. We had a total of 2037 to attend the show.

8. Fat Stock Show: Community leaders made it possible for the 4-H club boys to have a fat stock show in Camden. Some of them financed the calves for the 4-H members, others got the prize money in the amount of \$500.00 and others visited all meat markets and got them to agreed to buy one or more calves at the show in Columbia. As a result of this the calves from Kershaw County brought on the average more money per pound than the other calves.

9. Boll Weevil Poisoning: We used the community leaders in getting people to poison cotton for boll weevils. Some of them learned to make infestation counts, thereby enabling them to know when cotton should be poisoned. They also helped secure methods of applying the poison for their neighbors.

II. SUMMARY OF ACTIVITIES AND ACCOMPLISHMENTS

GENERAL ACTIVITIES

1. Days agent spent in office -----	253
2. Days agent spent in field -----	533
3. Days agent worked -----	786
4. Miles agent traveled -----	20219
5. Farm visits -----	1026
6. Different farms visited -----	502
7. Office calls at agents' office -----	1780
8. Telephone calls at agents' office -----	1366
9. Meetings held or attended -----	231
10. Attendance at these meetings -----	6961
11. Number communities in which extension work was conducted --	16
12. Number farmers conducting demonstrations -----	85
13. Number voluntary community leaders assisting with extension program -----	97

PROJECT ACTIVITIES AND RESULTS

Agricultural Economics

One county-wide outlook meeting was held with an attendance of 20 farm men and women and 6 community meetings were held with an attendance of 97. The county agent cooperated with farm credit agencies in lending \$392,941.42 for the production of livestock and other farming operations.

Agricultural Engineering

Twenty two farm building plans were furnished farmers. Work was done in rural electrification and farm machinery schools held.

Agronomy

Eleven cotton production demonstrations completed, 16 corn production demonstration completed, 12 hybrid corn demonstrations completed, 2 oat production demonstrations completed, 2 wheat production demonstrations completed, 2 small grain for soil building demonstrations completed, 2 crotalaria for soil building demonstrations completed, 2 lespedeza for soil building demonstrations completed, 2 lespedeza for hay demonstrations completed, 1 demonstration with Dixie Wonder Peas completed, 3 permanent pasture demonstrations completed, 3 annual grazing crop demonstrations completed, 2 peanut demonstrations completed and 1 one variety cotton community continued in 1947.

Animal Husbandry

Five purebred boars and 8 purebred gilts placed in the county, 7 purebred gilts placed with 4-H club boys, 9 purebred sires and 16 beef type heifers placed in the county.

Dairying

Two purebred bulls placed, 3 annual grazing crop demonstrations conducted and work was done on milk production for family use.

Entomology and Plant Pathology

Weekly checks made on boll weevil infestation, survey made to determine prevalence of smut in oats, small grain mildew and rust and Helminthosporium blight in oats, work done on cattle lice control also.

Forestry

Conducted 16 demonstrations in forestry markings and examinations, 3 demonstrations in pine tree plantings, participated in fire prevention campaign, arbor day program and cooperated with Kershaw County Fire Protective Association.

Four-H Club

Ten community clubs were organized with an enrollment of 259 members, 208 members completed their demonstrations showing a profit of \$10,256.97.

Horticulture

Two demonstrations were completed in the production of sweet potatoes, agent assisted in placing orders for fruit trees, giving information on spraying and pruning of home orchards, and information on the planting and fertilization of home gardens.

Marketing

Farmers were aided in the marketing of surplus farm products in the amount of \$10,995.00 and in the buying of products in the amount of \$5110.00. The agent also aided farmers in the grading and inspection of products sold.

Poultry

One demonstration in the vaccination of poultry conducted, surplus eggs sold, plans given for housing chickens and the agent cooperated in the buying of baby chicks and assistance given relative to the feeding of poultry.

AAA Activities

Work done with the AAA was giving educational material to enable farmers to take the best advantage of the AAA program.

Publicity

A total of 1215 letters were written, 15 circular letters prepared with 3990 copies mailed, 140 press articles published, 769 bulletins distributed and 1 farm tour conducted.

Soil Conservation

I cooperated with the Soil Conservation Service in establishing perennials, assisted with work on improving pastures and in the establishment of soil conservation practices and assisted with farm plans and terracing.

Visual Instruction

Visual instruction work consisted of showing charts, maps and educational films at meetings.

Farm Labor Program

Farm labor work consisted of conducting tractor and combine schools and of working with 4-H club members and adults in stressing the importance and the correct methods of handling and caring for farm machinery and in helping to recruit labor.

AGRICULTURAL ECONOMICS

Work in agricultural economics and farm management in 1947 included 1 county outlook meeting, 6 community outlook meeting, farm planning and co-operation with farm credit agencies.

Outlook meetings: One county wide outlook meeting was held with an attendance of 20 farm men and women. These farm people were from every section of the county, some of the community and neighborhood leaders were present and they carried the information back to their neighbors.

After this meeting 6 community meetings were held with an attendance of 97 farm men, women and 4-H boys. Community and neighborhood leaders assisted the county and home agent in getting crowds to the meetings. The outlook for the various farm commodities as given by Mr. Massey was presented at these meetings jointly by the county and home agent. As a result of these, farmers planned their farming operations more intelligently.

Farm Planning: We continued to advise farmers on the farm set up of farms with the idea in mind a good sound soil conservation program would raise the income of the farm. Listed below are farms on which special work was done in farm planning:

Name	No. Acres
H. D. Dinkins	200
W. T. Holley	400

Cooperation with farm credit agencies: The county cooperated with Kershaw County farmers in giving them information as to where they could get credit in order to operate their farms in 1947. Listed below is a summary of farm credit operations to Kershaw County farmers in 1947:

Summary of Loans Made by Production Credit Agencies

Agency	No. Farmers	Amount
Production Credit Association	167	\$ 270,941.42
Farm Home Administration	383	122,000.00
Total	550	\$ 392,941.42

AGRICULTURAL ENGINEERING

Agricultural engineering work included furnishing plans for farm buildings, farm machinery schools, construction and maintenance of terraces and rural electrification.

Farm Buildings

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

Summary of Farm Building Plans Furnished Farmers

Building	No.
Poultry houses	5
Brooder houses	7
General purpose barns	1
Hog self-feeders	5
Corn cribs	2
Beef cattle barns	2
Total	22

Rural electrification: I continued to work very closely with the three Co-ops that are serving farmers in Kershaw County. To date we have approximately 800 miles of rural lines serving 1700 farm families. We also work with the farmers who have electricity in getting them to use labor saving devices that are available with electricity.

Farm machinery schools: We conducted 1 combine school and 1 tractor clinic at which time different makes of tractors and combines were discussed. There were 100 farm people in attendance at this clinic. We also held tractor schools with three 4-H clubs in the county.

AGRONOMY

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

Cotton

Five-acre cotton improvement demonstrations: Eleven Kershaw County farmers completed their demonstrations in the 5-acre cotton improvement contest. Summary of the results follow:

Summary Results Five-Acre Cotton Improvement Demonstrations

Name	Lbs.		Value Crop	Cost Prod.	Net Profit	Lint		Per- cent Lint	Variety
	Seed Cotton	Lbs. Lint				Cost Per Lb.			
R. C. McCoy	6600	2200	895.00	313.30	581.70	.14	.30	Coker 100	
W. L. Miles	6870	2755	1239.81	468.33	771.48	.17	.40	Coker 100	
W. R. Capehart	10500	3750	1395.00	443.75	951.25	11.8	35.7	Coker 100	
W. A. Boykin	7000	2750	1106.25	269.25	837.00	98	25	Coker 100	
D. K. Stokes	3500	1200	496.50	325.25	171.25	27	34	Coker 100	
James McClester	5700	2200	726.00	250.20	455.80	114	38	Coker 100	
A. B. Rozier	8000	3500	1120.00	253.75	1046.25	7	43	Coker 100	
Roy Croxton	8000	3500	1120.00	460.25	839.75	13	43	Coker 100	
Wade Reynolds	5900	2400	768.00	280.45	557.55	11.6	40	Coker 100	
James Pickett	6460	2860	1059.44	248.50	810.94	.087	44	Coker 100	
Sam Patterson	6900	2400	948.00	221.50	726.50	.092	34.7	Coker 100	

Average lint per acre 53.6
Average value per acre \$197.70

Average Per cent lint 39.1
Average Cost lint per lb. .12

Summary cotton contest demonstration records - 1937-47: Following is a yearly summary of five-acre cotton improvement demonstrations in Kershaw County for period 1937-1947:

Summary Results of Cotton Contest Demonstrations, 1937-1947

Year	No. Dems.	Lbs. Lint Per Acre	Value per Acre	Cost per Acre	Profit per acre
1937	5	776.4	91.72	60.52	31.20
1938	2	567.0	66.03	20.60	55.43
1939	3	791.0	99.25	35.57	63.68
1940	4	659.0	84.90	41.28	43.61
1941	2	533.5	126.00	29.48	96.52
1942	2	441.0	115.20	30.30	84.90
1943	2	530.2	142.47	48.47	94.00
1944	2	629.0	153.90	62.00	91.90
1945	11	673.5	171.72	68.93	102.79
1946	11	565.0	241.00	70.11	170.67
1947	11	53.6	197.70	64.26	140.90

Improved seed: The farmers were encouraged by circular letters and newspaper articles to plant seed patches with seed first year from breeder in order that they may have good seed every year.

Corn production: The Service Clubs in Camden again sponsored the Kershaw County corn contest. \$350.00 was given in prizes to the winners of this contest. A summary of these demonstrations follow:

Summary Corn Production Demonstrations

Name	Acres	Yield Bu.	Bu. Per A.	Cost Prod.	Cost Per Bu.	Value Crop	Profit
S. D. Livingston	10	300	30	163.50	.54	650.00	486.50
L. O. Jones	2.5	177.5	71	90.93	.51	355.00	664.07
W. L. Miles	5	275	55	170.77	.52	550.00	379.23
R. C. McCoy	5	225	45	158.30	.70	450.00	291.70
F. R. Hall	3	150	50	50.05	.33	300.00	249.95
Richard Wood	4	160	40	99.35	.62	320.00	220.65
Sam Patterson	5	150	30	72.00	.48	300.00	228.00
A. B. Rozier	2	58	28	49.40	.85	116.00	66.60
R. B. McCaskill	2	130	65	62.60	.48	260.00	197.40
James Pickett	2	70	35	42.55	.61	140.00	97.45
C. B. Mitchel	2	140	70	59.70	.42	280.00	220.30
Wade Reynolds	2	80	40	46.15	.58	180.00	133.85
H. C. Godwin	2	80	40	34.00	.42	180.00	146.00
Roy Croxton	2	70	35	77.95	1.11	140.00	62.05
D. K. Stokes	2	60	30	42.20	.70	120.00	77.80
W. R. Capehart	2	100	50	52.00	.52	200.00	148.00

Totals	52.5	2225.5		1271.45		4541.00	3669.55
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Ave. Production Per Acre	42.3	Ave. Cost Per Bu.	.57
Ave. Value Per Acre @ \$2.00 Bu.	\$84.60	County Ave. Bu. Per Acre	18

The purpose of this contest is to increase the yields of corn in the county and to encourage the use of better seed. It also helps to increase the livestock in the county. A summary of the results of the corn contest from 1940 through 1947 follows:

Summary Results of Corn Contests 1940-1947

Year	No. Dems.	Av. Bu. Per A.	Av. Value Per Acre	Av. Cost Per Bu.	Av. Value Crop	Av. Profit
1940	19	28.8	28.90	34.14	24.65	17.58
1941	24	36.8	32.42	30.9	32.42	21.01
1942	16	35.5	35.94	39.8	35.95	19.37
1943	14	39.2	58.95	30.7	58.93	46.12
1944	19	41.3	62.39	28.0	62.39	38.87
1945	19	39.9	50.52	57.0	50.52	27.44
1946	23	37.9	72.60	87.4	72.60	49.82
1947	16	42.3	84.60	57.0	86.50	69.90

Summary Hybrid Corn as Comparison

Name	Variety	Yield Per A.	Remarks
Dalton Rogers	Coker's Ellis	36.2	Good land, shuck fairly close fitting
Dalton Rogers	Funk's G-708	40.9	Good land, shuck fairly close fitting
Luther Jones	Wood's S-240	72	Has fairly close fitting shuck
Luther Jones	McCurdy's 1005	70	Is good dry weather corn. Has deep root system and close fitting shuck.
W. R. Capehart	N.C. 26-	46	Weevils prevalent, small ears, but good corn.
H. L. Dinkins	McCurdy's 1001	40) Good corn land and favorable weather conditions.
H. L. Dinkins	Douthits Prolific	60	
H. L. Dinkins	McCurdy's 1002	37	
H. L. Dinkins	Wood's Hybrid S-350	48	
Eugene Holland	Woods S-360	30	Planted too late
Norman Shealy	Woods S-360	25	Dry spell at critical growing period and improper cultivation
John Elliott	Woods S-360	30	Improper fertilization

Small Grain

Oat production: Two oat production demonstrations were completed. A summary of these demonstrations follow:

Summary of Oat Demonstrations

Name	Acres	Total Yield Bu.	Yield Bu. Per A.	Cost Per Bu.	Value	Profit
H. L. Dinkins	10	400	40	191.75	400.00	208.25
James Ward	10	450	45	206.75	450.00	243.25
Totals	20	850	95	398.50	850.00	441.50
Average Per Acre			42.5	19.92	.41 47.50	24.57

Due to the feed situation and also the labor situation on the farms, farmers were encouraged to plant more small grain in 1947 to be harvested in 1948 and also so that we might help feed the world. We have had very unfavorable weather conditions for the planting of small grain therefore we will be late in getting in planted. Farmers were encouraged through newspaper publicity, public meetings and by the use of community and neighborhood leaders.

Wheat production: Two wheat production demonstrations were conducted in 1947. A summary of these demonstrations follow:

Summary of Wheat Demonstrations

Name	Variety	Acres	Yield	Yield	Cost		Profit	
			Total Bu.	Bu. Per Acre	Per B	Value		
J. B. Cantey	Hardired	10	150	15	279.55	1.80	337.50	57.95
W. T. Holley	Hardired	10	200	20	262.55	1.03	600.00	337.45
Total		20	300		542.10		937.50	395.40
Average Per Acre				17.5	27.11	1.54	46.80	19.77

Due to the shortage and price of wheat it is becoming more popular as a cash crop. The community and neighborhood leaders have put forth special effort for the past several years getting people to plant wheat enough for home consumption. This past fall an effort was put forth to get farmers to plant wheat not only for home consumption but as a cash crop. Unfavorable weather conditions have delayed the planting of wheat in this county.

Summary Showing Increased Wheat Plantings
1940-1947

Year	No. Plantings	Acres
1940	254	600
1941	505	2170
1942	703	3300
1943	1036	4958
1944	1076	5500
1945	1085	5600
1946	1280	6500
1947	1300	7000

Small grain for soil building: Two demonstrations using small grain for soil building was completed in 1947. Due to the fact that winter legume seed has to be bought every year and also that so much of our soil is of the sandy type where winter legumes will not do well, more people are using small grain as a winter cover crop. Wind erosion is a problem with us in the early spring and small grain helps to check the damage done by wind. A summary of small grain for soil building demonstrations follow:

Summary Small Grain Demonstrations

Name	Acres	Variety	Cost	Cost per Acre
A. S. Jordan	30	Oats	214.00	7.10
Alex Williford	20	Oats	130.00	6.50
Total	50		\$344.00	Av. 6.88

Legumes for Soil Building

Crotalaria for Soil Building: Two demonstrations in Giant Striata Crotalaria as a soil building crop were completed in 1947. A summary of these demonstrations follow:

Summary Crotalaria Demonstrations for Soil Building

Name	Acres	Variety	Cost	Cost per Acre
C. B. Mitchell	20	Giant Striata	204.10	10.50
James West	20	Giant Striata	170.00	8.05
Totals	40		\$374.00	Av. 9.30

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

Summary Lespedeza Demonstrations for Soil Building

Name	Acres	Variety	Cost	Cost Per Acre
J. B. Cantey	20	Kobe	310.00	15.50
C. S. Sprott	20	Kobe	295.00	14.75
Totals	40		\$605.00	15.12 Av.

Legumes for Hay

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

Summary Lespedeza Demonstrations for Hay

Name	Variety	Acres	Yield Cost		Cost Per T.	Value	Profit
			Tons	Prod.			
J. B. Cantey	Kobe	20	20	399.20	19.96	700.00	300.80
C. S. Sprott	Kobe	20	20	350.00	17.50	700.00	350.00
Total		40	40	\$749.20	18.72	\$1400.00	\$650.80

Dixie Wonder Peas: Mr. L. O. Funderburke conducted a demonstration using Dixie Wonder Peas for soil building. Mr. Funderburke was well pleased with the growth of the peas but did not harvest the seed.

Permanent Pasture Demonstrations

Permanent pasture demonstrations: We continued to stress the importance of permanent pastures in Kershaw County. Emphasis was placed on the proper fertilization of old and new pastures and also the proper seeding of pastures. During 1947 40 farmers were assisted in purchasing 4000 pounds of various pasture grasses.

Summary Permanent Pasture Demonstrations

Name	Acres	Remarks
Frank Normandt	5	Well pleased with growth and results.
R. S. Kirk	10	Remarkable stand, well pleased.
G. C. Truesdale	5	Good growth and good stand.

The above pastures were seeded for the first time with grasses recommended by Clemson College Extension Service and also fertilized according to their recommendations.

Annual Grazing Crops

Annual Grazing Crops: The planting of annual grazing crops was emphasized during the year to supplement the permanent pastures and especially was winter grazing crops stressed. A summary of the annual grazing crop demonstrations follow:

Summary of Annual Grazing Crop Demonstrations

Name	Crop	Remarks
J. B. Cantey	Corn & V. Beans	Cattle fattened, economical grazing crop.
R. S. Kirk	Corn & V. Beans	Cattle and hogs grazed, farmer well pleased.
C. S. Sprott	Small grain mixture & C. clover	Good results.

We distributed the nitrate of soda allotted to the County for annual grazing crops between 12 farmers who had planted small grain mixtures according to our recommendations.

Kentucky 31 and Alta Fescue: We distributed between C. S. Sprott and Frank Normandt 20 pounds of Kentucky 31 and 20 pounds of Alta Fescue. These seed were planted according to our recommendation and to date they show promise of being a good winter grazing crop.

Peanut Demonstrations

Peanut demonstrations: Two peanut demonstrations were conducted in 1947. A summary of these demonstrations follow:

Summary Peanut Demonstrations

Name	Acres	Variety	Peanut Yield	Tons Hay	Total Value	Total Cost	Profit
W. R. Capehart	13	Va. Bunch	6	4	1362.00	730.00	632.00
J. B. Cantey	25	Va. Bunch	7½	8	1800.00	1203.00	597.00
Total	38		13½	12	3162.00	1933.00	1229.00
Average per Acre			.36	.3	83.21	50.87	32.34

One Variety Cotton Community

One variety cotton community: The long staple cotton growers which consist mainly of the upper part of the county went in with the long staple growers in Lancaster and Chesterfield Counties and formed what is known as the Carolina Long Staple One Variety Cotton Improvement Association in 1944. This was continued in 1947.

No gins in the county cooperated in the taking of cotton samples this year.

ANIMAL HUSBANDRY

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

Swine

The program of demonstration work with hogs in 1947 included the placing of purebred sires and treating hogs for cholera.

Purebred sires: 5 purebred boars were placed with farmers in 1947. A record of these placings are given below:

Summary of Purebred Boars Placed in 1947

Name	No. Boars	Breed	Age	Cost
John Elliott	1	Duroc Jersey	3 Mo.	\$ 40.00
Mulberry Plantation	2	Hampshire	4 Mo.	100.00
Dixie Boykin	1	Duroc Jersey	4 Mo.	50.00
Abe Hilton	1	Hampshire	4 Mo.	40.00
Total	5			\$230.00

Summary Placings of Purebred Boars - 1938-47

Year	Number Placed
1938	7
1939	7
1940	6
1941	6
1942	6
1943	8
1944	5
1945	6
1946	5
1947	5
Total placed in 9 years	61

As a result of extension work in the promotion of better hogs in the county a total of 55 purebred boars are now being used in the county.

Purebred gilts placed: 7 purebred Berkshire gilts were placed with 4-H club boys in the county through the courtesy of the Camden and Kershaw County Chamber of Commerce. In addition to this 8 purebred gilts were placed with farmers. A record of these placings follow:

Summary of Placings with 4-H Club Boys

Name	No.	Breed	Age	Cost
Lester Branham	1	Berkshire	3 Mo.	25.00
Powell Kirkland	1	Berkshire	3 Mo.	25.00
Bobby Moore	1	Berkshire	3 Mo.	25.00
Jack Corbett	1	Berkshire	3 Mo.	25.00
Stephen Team	1	Berkshire	3 Mo.	25.00
Jackie Horton	1	Berkshire	3 Mo.	25.00
H. L. Dinkins, Jr.	1	Berkshire	3 Mo.	25.00
Total	7			\$175.00

Summary of Placings of Purebred Gilts with Farmers

Name	No.	Breed	Age	Cost
Dixie Boykin	4	Duroc Jersey	3 Mo.	\$200.00
Carl Lightfoot	4	Duroc Jersey	3 Mo.	200.00
Total	8			\$400.00

Beef Cattle

Beef cattle work for 1947 consisted of placing purebred sires and grade heifers.

Purebred sires placed: 9 purebred bulls were placed with farmers in 1947. A record of these placings follow:

Summary Purebred Sires Placed

Name	No.	Breed	Age	Cost
R. S. Kirk	2	Hereford	18 Mo.	\$700.00
C. S. Sprott	4	Hereford	18 Mo.	1000.00
J. L. Guy	2	Hereford	12 Mo.	600.00
Dixie Boykin	1	Hereford	12 Mo.	450.00
Total	9			\$2750.00

Summary Beef Bulls Placed 1938-1947

Year	Breed	Total
1938	Hereford	3
1939	Hereford	5
1940	Hereford	3
1941	Hereford	6
1942	Hereford	7
1943	Hereford	8
1944	Hereford	5
1944	Shorthorn	1
1945	Shorthorn	1
1945	Hereford	6
1946	Hereford	6
1947	Hereford	9
Total		60

As a result of Extension Work in beef cattle production we have 50 purebred Hereford bulls and 2 shorthorn bulls in the county.

Farmers are continueing to increase their beef cattle production in the county. This has been accomplished due to the fact that the extension service has encouraged better pastures, annual grazing crops and to the high prices of beef cattle. The shortage of labor is also requiring more farmers to turn to more livestock. A county wide pasture tour was conducted to see the better pastures and better beef cattle which acted as a stimulus to farmers interested in beef cattle

Grade heifers placed: The county agent assisted farmers in buying grade and purebred Hereford heifers to be bred to purebred Hereford bulls. A summary of these placings follow:

Summary of Beef Type Heifers Placed

Name	No.	Breed	Age	Cost
Dixie Boykin	6	Hereford	1 Year	\$600.00
M. B. Burns	4	Hereford	6 Months	300.00
J. R. West	6	Hereford	1 Year	500.00
Total	16			\$1400.00

Meat canning demonstrations: In cooperation with the home agent meat canning demonstrations were conducted where both beef and ~~pork~~ products were canned.

DAIRYING

Extension work in dairying in 1947 included the placing of purebred bulls, annual grazing crops, milk production for family use, the use of milk and milk products and furnishing of plans for Grade A milk shed.

Purebred Sires

Purebred sires placed: Two purebred bulls were placed with 2 of our dairymen in the county. Summary of which follows:

Summary Purebred Bulls Placed in 1947

Name	No.	Breed	Cost
Melvin Truesdale	1	Guernsey	\$ 75.00
Norman Truesdale	1	Guernsey	100.00
Total	2		\$175.00

Annual grazing crops: Annual grazing crops discussed under Agronomy.

Milk production for family use: This was a joint project with the home agent and both the home and county agent worked toward getting a cow on every farm. We continued to use the community and neighborhood leaders in trying to place cows on farms that did not have one. Progress is being made along this line. We emphasized annual grazing crops, permanent pastures, and plenty of hay crops. The nutritive value of milk in the home was also used as an inducement to get more milk consumed on the farms.

Grade A milk producers: We worked with all of the commercial dairymen assisting them in permanent pastures, annual grazing crops and feeding practices. I assisted 1 returned veteran in getting started in the dairy business. This veteran started off with a few cows and 1 Clemson type Grade A dairy barn. Also assisted him with pastures and annual grazing crops.

ENTOMOLOGY AND PLANT PATHOLOGY

Extension work in entomology and plant pathology in 1947 consisted of work with crop diseases and crop insects.

Crop Diseases

Oat smut eradication: 6 field curves were made to determine the prevalence of smut in 1947. Very little smut could be found in the county and in all the particular fields that were surveyed I did not find any. It is a common practice in the county for everyone to use treatment for smut even though it is a smut resistant variety.

Small grain mildew and rust: I made a survey on 4 fields looking for small grain mildew and rust. No mildew or rust was noticeable in all the surveys made.

Helminthosporium blight in oats: One case of this disease appeared in the county this year. Since a great deal is not known about the control of this disease it was recommended that good practices of crop rotation be followed along with seed treatment, and unless the crop is to be grazed planting dates should be after October 1.

Insects

Boll weevil control: A weekly check on the infestation of boll weevils was made during the fruiting season of cotton. The boll weevil did more damage to cotton this year than in the past several years. We held 2 dusting demonstrations using BHC with airplanes and with tractor machines. A small percentage of the cotton in the county was dusted with BHC, but the ones who did use it reported an increased yield of from 150 to 250 pounds estimated, as a result of using the BHC. Plans are already under way to buy material for the farmers next year on a group basis.

Larger corn stalk borer survey: 4 fields were surveyed to determine the percentage of stalks infected with corn stalk borer. A summary of this survey follows:

Summary of Cornstalk Borer Survey

Name	No. Stalks Affected Per 100 ft.	No. Stalks Unaffected Per 100 ft.	Percent Affected
C. B. Mitchell	15	55	21.4
T. A. Rozier	20	60	25.0
Dalton Rogers	12	42	22.2
Wade Reynolds	16	45	26.2

Cattle lice control: I assisted several farmers in securing the dust mixture mixed according to the Clemson College Extension Service formula in treating cattle for lice. All of them seem to be well pleased with the effectiveness of this dust as a means to get rid of the lice.

FORESTRY

The county agent has encouraged the planting of forest trees on un-productive land. Also encouraged better timber management by selective cutting, fire prevention, and tried to stress the importance of forestry products as another source of farm income.

Forestry marking demonstrations: In cooperation with the State Forestry Service and the Extension Forester the following men were assisted in marking trees to be cut:

Summary Persons Assisted in Marking Trees

Landowner	Address	Acres Examined	Acres Marked	Board Feet	Cords
Mrs. Rufus Thompson	Camden, S. C.				
Mrs. H. L. Richey	Camden, S. C.		50	62,274	
Mrs. E. J. Savage	Camden, S. C.	2750	300	541,666	468.8
M. B. Burns	Camden, S. C.		185	219,965	108.7
W. C. Gandy	Kershaw, RFD	15			
John L. Gettys	Lugoff, S. C.	35			
J. R. Hunter	Kershaw		60	19,290	230.4
J. Team Gettys	Lugoff		200	448,885	19.0
W. H. Radcliff	Bethune	1100			
L. A. Baker	Bethune	730			
Fred W. Cunningham	Liberty Hill	175			
Mrs. J. B. Hunter	Kershaw			44,355	19.1
Julian Burns	Camden		50	53,672	
A. S. Llewellyn	Camden	180			
J. L. Sweet	Boykin	150			
Marvin B. Davis	Camden	57			
Totals		5892	815	1,390,107	846.0

Planting demonstrations: Three demonstrations of planting pine trees were conducted in 1947. A summary of these demonstrations follow:

Summary of Pine Tree Plantings in 1947

Name	No. Trees Planted	Kind	Percent Survival
W. A. Boykin	30,000	Loblolly	80
S. B. Walters	5,000	Slash	85
Mrs. W. R. Capehart	5,000	Loblolly	78

Tree plantings in Kershaw County: A total of 221,000 pine seedlings were planted in Kershaw County in 1947. A summary of which follows:

Summary Tree Plantings in Kershaw County

Name	Address	Species	Number
Ballard, J. G.	Kershaw	Loblolly	5,000
Boykin, W. A.	Boykin	Loblolly	30,000
Capehart, Mrs. W. R.	Boykin	Loblolly	5,000
Drakeford, Willie S.	Cassatt	Loblolly	5,000
Duke Power Co.	Liberty Hill	Loblolly	75,000
Guy, Edwin	Camden	Slash	5,000
Guy, J. L.	Camden	Loblolly	5,000
Kennedy, R. M.	Camden	White Cedar	1,000
Richardson, Marvin	Liberty Hill	Loblolly	5,000
Sunny Hill Plantation	Camden	Loblolly	75,000
Sunny Hill Plantation	Camden	Slash	5,000
Walters, S. B.	Cassatt	Slash	5,000
Total			221,000

Arbor Day Program: In cooperation with the Garden Club of Camden we had an Arbor Day program at which time we planted a cork oak tree at the Seaboard Airline park. This park is under the supervision of the Camden Garden Club.

Fire prevention campaign: One meeting in each 4-H club was devoted to the prevention of fires in our woodlands. These boys were told the importance of keeping fires out of forests and what to do when fires occurred. We also encouraged farmers through meetings, newspaper articles, etc., to prevent woods fires. Summary of fires during fiscal year 1946-47 follows:

Summary Fires During Fiscal Year 1946-47

Year	No. Fires	Area Burned	Damage	Av. Area Per Fire	Percent Area Burned
1946-47	155	3036.7	6283	19.6	.91

Summary Comparison by Fiscal Years

Fiscal Year	No. Fires	Area Burned	Damage	Av. Area Per Fire	Percent Area Burned
1936-37	114	837.2	1101	7.3	.3
1937-38	202	2194.5	4550	10.9	.81
1938-39	181	2681.4	5344	14.8	.98
1939-40	410	8057.8	11201	19.7	2.97
1940-41	343	6649.4	15037	19.4	2.453
1941-42	268	7875.6	21423	29.4	2.90
1942-43	125	1976.0	4992	15.8	.73
1943-44	180	3336.5	8375	18.5	1.23
1944-45	126	2609.0	5259	20.7	.96
1945-46	133	1907.6	3799	14.3	.703
1946-47	155	3036.7	6283	19.6	.91

Tree farm system: In cooperation with the State Forestry Service Mr. C. M. Leonard of Camden, S. C. was honored by being given a certificate designating him as a tree farmer. Other farmers in the county are being considered for a similar award.

FOUR - H CLUB

Four-H club work was conducted in 10 communities in Kershaw County in 1947 with an enrollment of 259 boys. Each club had a local leader and regular monthly meetings were held and attended 4-H summer camp.

Summary of enrollments and completions: Following is given a list of the clubs and a summary of enrollments and completions:

Summary of 4-H Club Enrollments and Completions

Name of Club	No. Members	No. Completed Dem.	Percent Members Completing
Pinegrove	30	28	96
Bethune	27	23	85
Gatesford	25	21	84
Midway	24	23	96
Blaney	16	16	100
Mt. Pisgah	31	27	90
Antioch (High)	19	18	95
Antioch (Grammar)	25	19	72
Miscellaneous	9	7	77
Blaney	53	26	49
Totals	259	208	80.3

Following is given a summary of 4-H club enrollment of boys and yearly completions from 1939-1947:

Summary of 4-H Enrollments and Completions 1939-1947

Year	No. Members Enrolled	Completions	Percent Completions
1939	111	42	37.8
1940	114	39	34.2
1941	130	70	53.8
1942	142	78	54.9
1943	145	112	77.0
1944	124	89	71.0
1945	158	114	72.0
1946	175	127	72.0
1947	259	208	80.3

Summary of 4-H club demonstrations: Following is given a summary of 4-H club demonstrations completed in 1947:

Summary 4-H Club Demonstrations Completed

Demonstrations	No. Completed	Value Products	Cost	Profit
Corn	31	\$ 2740.00	\$ 1109.00	\$ 1631.00
Cotton	37	6031.51	2840.25	3191.32
Poultry	24	1020.75	574.00	446.75
Hogs	63	3374.00	1927.98	1446.10
Dairy Calves	2	140.00	75.00	65.00
Beef Cattle	23	3539.08	2787.78	851.30
Sow & litter	13	1500.00	647.00	853.00
Garden	10	2491.50	717.00	1674.50
Miscellaneous	1	200.00	100.00	100.00
Totals	208	\$21,036.90	\$1,077.93	\$10,256.97

4-H Club Records

Following is given a summary of 4-H club records completed in 1947:

Summary Poultry Club Demonstrations

Name of Member	Eggs Set	Strong Chicks		Total Value	Total Cost	Profit
		Bought or Hatched				
John Whitaker		75		80.00	50.00	20.00
O'Neil Timmons		14		5.00	8.00	-3.00
Hugh Fletcher		26		3.00	5.00	-2.00
John Holley		25		20.00	6.00	14.00
Billy Spears		20		18.00	8.00	10.00
Joe Marshall		50		38.00	20.00	18.00
Kenneth Barfield		50		23.75	28.00	-4.25
Wylie Vaughn		100		80.00	50.00	30.00
Calvin Joyner		100		85.00	50.00	35.00
Harris Martin		100		75.00	50.00	25.00
Laurie Peebles		50		35.00	25.00	10.00
Hubert Sinclair		75		65.00	40.00	25.00
Gerald Gandy		35		30.00	20.00	10.00
Olyn Cecil Catoe		50		40.00	25.00	15.00
Colbert Campbell		35		25.00	15.00	10.00
Leo Ross	20	18		15.00	5.00	10.00
Alvin Branham		35		20.00	14.00	6.00
W. T. Hornsby		50		35.00	15.00	20.00
Rudolph Branham		100		75.00	25.00	50.00
Grady Branham		100		75.00	25.00	50.00
Harold Ross		50		30.00	15.00	15.00
Franklin Nelson		50		35.00	15.00	20.00
Afon Strickland		150		125.00	50.00	75.00
Raymond Moore		75		60.00	30.00	30.00
Totals				\$1020.75	\$574.00	\$446.75

Summary Cotton / Records Completed

Name	No. Acres	Lbs. Seed Cotton	Lbs. Lint	Total Value	Total Cost	Total Profit
Thomas West	1	800	288	96.40	50.00	46.40
Charles B. Pate	3	1400	500	195.95	60.25	135.70
Kenneth Lowery	1	700	250	93.00	50.00	43.00
Furman Hinson	1	600	216	81.80	45.00	36.80
Charles Raley	1	1300	468	165.68	65.00	100.68
Steve McLaughlin	1.5	700	250	93.00	40.00	53.00
Charley McLaughlin	1.5	700	250	93.00	40.00	53.00
James Anderson	4.5	4200	1500	595.50	250.00	345.50
Claude Teal	1	1400	500	186.00	80.00	106.00
Hilbert Taylor	2	1300	480	180.00	95.00	85.00
Cephie Byrd	1.5	800	300	110.00	60.00	50.00
Lindy Byrd	1.5	800	300	110.00	60.00	50.00
Earl Gandy	3	1400	500	190.00	100.00	90.00
Gerald Gregory	2	1000	350	131.00	70.00	61.00
Alvin Bradley	2	1100	380	145.00	65.00	80.00
Harold Dorman	2	700	250	93.00	75.00	18.00
Bill Whitaker	2	800	280	104.80	60.00	44.80
Howard Vinson	1	1000	350	135.00	60.00	75.00
T. C. Reynolds	1	1300	455	177.60	55.00	122.60
Gary Pate	2	2600	900	246.20	100.00	146.20
W. A. Truesdale	3	2800	1000	372.00	150.00	222.00
Jack Sharpe	1	800	260	100.00	55.00	45.00
Jack Catoe	1.5	1000	350	138.00	65.00	73.00
Ted Watkins	4	2700	1112	342.64	100.00	242.64
L. O. Jones	1	900	300	110.00	70.00	40.00
Gilbert Waters	3	2700	970	360.00	150.00	210.00
Ralph Anderson	1	700	250	97.00	50.00	47.00
Jackie Anderson	1	700	250	97.00	50.00	47.00
Cecil Sharpe	1	700	250	100.00	55.00	45.00
C. L. Hinson	5	1400	500	185.00	125.00	60.00
Lewis Price	1	500	185	70.00	45.00	25.00
Wayne Brown	1	1300	485	192.00	50.00	142.00
Richard Branham	3	1400	500	190.00	100.00	90.00
Curtis Moore	1	700	250	90.00	50.00	40.00
Ray Thomas Barrett	2	800	280	100.00	60.00	40.00
Mitchell Branham	3	1300	485	185.00	125.00	60.00
A. V. Branham	2	800	250	80.00	60.00	20.00
Totals				\$6031.57	\$2840.25	\$3191.32

Summary Dairy Calf Demonstrations

Name of Member	No. Animals	Days Fed	Gain in Wt.	Total Value	Total Cost	Profit
Harold Horton	1	300	300	60.00	25.00	35.00
Lynn Young	1	365	325	80.00	50.00	30.00
Totals				\$140.00	\$75.00	\$65.00

Summary Corn Records Completed

Name of Member	No. Acres	Yield Bu.	Total Value	Total Cost	Profit
Alvin Taylor	1	15	30.00	14.00	16.00
Edward Stroud	1	20	40.00	15.00	25.00
Milton Bradley	1	18	36.00	16.00	20.00
David Vinson	1	22	44.00	19.00	25.00
Junior Gainey	1	15	30.00	20.00	10.00
Bruce Vinson	1	15	30.00	25.00	5.00
Willie Holden	1/5	5	10.00	5.00	5.00
Pete Ray	1	20	45.00	20.00	25.00
Tony Ray	1	20	45.00	20.00	25.00
Jackie Horton	1/2	15	30.00	15.00	15.00
Charles Young	3	75	150.00	50.00	100.00
Jack Corbett	1	25	50.00	20.00	30.00
Alvin Elliott	2	20	40.00	22.00	18.00
Curtis Horton	1	25	50.00	30.00	20.00
Thomas Horton	1	25	50.00	30.00	20.00
Jerry Munn	2	35	70.00	40.00	30.00
Byron Holley	2	55	110.00	50.00	60.00
Kenneth Timmons	1	20	40.00	25.00	15.00
William H. Marshall	2	25	50.00	20.00	30.00
Byron Newman	3	135	270.00	70.00	200.00
Lock McKinnon	3	75	150.00	50.00	100.00
R. C. Gainey	1	15	30.00	15.00	15.00
Leo Walters	2	50	100.00	30.00	70.00
Carrol King	1	20	40.00	20.00	20.00
Bobby Horton	2	60	120.00	30.00	90.00
Gerald Newman	2	40	80.00	45.00	35.00
John Aldridge	1/2	5	10.00	8.00	2.00
Leo Jeffers	7	210	420.00	110.00	310.00
Denver Moak	1	35	70.00	25.00	35.00
Ray Strickland	10	250	500.00	250.00	250.00
Totals			\$2740.00	\$1109.00	\$1631.00

Summary Pig Club Demonstrations

(Sow and Litter Class)

Name	No. Pigs Farrowed	No. Pigs Raised	Total Value	Total Cost	Profit
John Elliott	10	8	225.00	125.00	100.00
Jackie Horton			50.00	35.00	15.00
Jack Corbett			35.00	15.00	20.00
Marion Yarbrough			60.00	35.00	25.00
Alvin Elliott			70.00	30.00	40.00
Alton Holland	10	10	300.00	100.00	200.00
Keith Blackmon	6	6	140.00	50.00	90.00
Stanley Rabon	8	8	150.00	75.00	75.00
Powell Kirkland	7	7	140.00	40.00	100.00
H. L. Dinkins, Jr.			75.00	25.00	50.00
Stephen Team			60.00	32.00	28.00
John Pearce	6	6	110.00	35.00	75.00
Lester Branham	8	7	85.00	50.00	35.00
Totals			\$1500.00	\$647.00	\$853.00

Summary Pig Club Demonstrations

Fattening Class

Name	No. Animals	Days Fed	Gain in Weight	Total Value	Total Cost	Profit
John West	1	210	150	50.00	30.00	20.00
Hazel Taylor	1	240	200	60.00	45.00	15.00
Earl Austin	1	230	200	60.00	40.00	20.00
Bobby Austin	1	250	225	62.00	43.00	19.00
Freddie West	1	180	150	40.00	25.00	15.00
Leroy Hinson	1	180	155	40.00	25.00	15.00
Thomas Taylor	1	240	225	50.00	33.00	17.00
Olin Taylor	1	130	150	37.50	20.00	17.50
Buster Taylor	1	200	175	38.00	22.00	16.00
Bobby Taylor	1	200	190	40.00	20.00	20.00
Tommie Byrd	1	190	200	45.00	30.00	15.00
John W. Vincent	1	240	200	60.00	40.00	20.00
Charles Wesley	1	185	150	40.00	25.00	15.00
Eugene Bradley	1	190	175	50.00	25.00	25.00
Grady Gardner	1	200	200	50.00	20.00	30.00
Ralph Byrd	1	200	210	50.00	25.00	25.00
Frank Gregory	1	180	150	45.00	30.00	15.00
Spencer Bowers	1	190	175	48.00	35.00	13.00
Horace Small	1	180	200	55.00	25.00	30.00
Dennis Kelly	1	120	100	20.00	15.00	5.00
David Dowe	1	120	100	25.00	20.00	5.00
Dock Kelley	1	180	200	50.00	30.00	20.00
Donald Watts	1	200	200	45.00	25.00	20.00
Olin Earl Jackson	1	210	150	40.00	30.00	10.00
Billy Watts	1	180	150	38.00	20.00	18.00
Olin Peake	1	180	150	30.00	20.00	10.00
Billy Dowe	1	150	125	25.00	15.00	10.00
Howard Rabon	1	210	200	60.00	30.00	30.00
Roland Rabon	1	210	210	61.00	29.00	32.00
Charles H. Jackson	1	200	180	55.00	30.00	25.00
Bobby Ray	1	175	200	60.00	40.00	20.00
Curtis Kelley	1	300	200	62.50	48.00	14.50
Bobby Dowe	1	250	250	65.00	45.00	20.00
Gene Gardner	1	210	195	55.00	30.00	25.00
Herman Bowen	1	210	200	56.50	35.00	21.50
Thomas Hinson	1	185	210	60.00	35.75	24.25
Jerry Horton	2	190	200	100.00	60.00	40.00
Dudley Bradley	1	195	200	55.00	35.00	20.00
Gerald Johnson	1	210	225	65.00	40.00	25.00
Wayne Gregory	1	240	200	60.00	45.00	15.00
Perry Faulkenberry	1	245	250	70.00	30.00	40.00
Paschal Horton	1	270	250	65.00	35.00	30.00
Robert Watkins	2	120	116	78.00	41.15	36.85
Sonny Galloway	2	300	200	90.00	50.00	40.00
Herbert Davis	1	300	250	63.00	40.00	23.00
Sam McCaskill	1	270	235	56.00	39.00	17.00
Van Catoe	2	120	100	50.00	25.00	Total loss
Cleatus Johnson	1	250	200	45.00	30.00	15.00
Bobby Jones	1	275	230	60.00	40.00	20.00
Johnnie Jones	1	190	175	55.00	30.00	25.00

Summary Pig Club Demonstrations (cont'd.)

Fattening Class

Name	No. Animals	Days Fed	Gain in Weight	Total Value	Total Cost	Profit
Victor Farmer	2	180	200	100.00	60.00	40.00
Marion Stokes	1	180	225	60.00	35.00	25.00
Bobby Huntley	3	90	75	60.00	40.00	20.00
Brant Elmore	1	120	125	35.00	25.00	10.00
Frank Davis	1	250	275	60.00	35.00	25.00
Olym Huntley	1	100	75	20.00	15.00	5.00
Marion Kirkland	1	265	285	63.00	55.00	8.00
Hammy Moak	1	70	50	25.00	10.00	15.00
Franklin Branham	1	180	125	25.00	20.00	5.00
Edward Watts	1	70	50	25.00	15.00	10.00
Perry Kirkland	1	180	150	30.00	15.00	15.00
Cleatus Dixon	1	180	175	44.00	20.00	24.00
Jimmie Nelson	1	200	150	38.00	22.00	16.00
Totals				\$3374.00	\$1927.98	\$1446.10

Summary Garden Club Demonstrations

Name of Member	No. of Acres	Yield (Bu.)	Total Value	Total Cost	Profit
Douglas Horton	1/10	2	3.00	1.00	2.00
Wade Galloway	1/4	5	10.00	3.00	7.00
Charles Ballard	1/4	6	12.00	5.00	7.00
Gerald Reese	1	595 W.melons	238.00	38.00	200.00
Jimmie Lee Byrd	1	600 "	240.00	40.00	200.00
Bobby Horton	1/2	250 "	200.00	125.00	75.00
Jerry Bradley	2	200 "	195.00	30.00	165.00
Grady Bradley	2	500 "	195.00	30.00	165.00
Niven Broome	1/2	15	30.00	10.00	20.00
William Boone	1/4	10	20.00	12.00	8.00
Len Reese	1	295 W.melons	238.00	38.00	200.00
Charles Horton	2	1000 "	500.00	150.00	350.00
Carroll Reese	1	600 "	240.00	60.00	180.00
Joe T. Horton	2	800 "	320.00	150.00	170.00
Hebron Johnson	1/2	20	50.50	25.00	25.50
Totals			\$2491.50	\$717.00	\$1674.50

Summary Mixcellaneous Club Demonstrations

Name of Member	Demonstration	Total Value	Total Cost	Profit
Harvie Catoe	Wheat 5-A.	\$200.00	\$100.00	\$100.00
Totals		\$200.00	\$100.00	\$100.00

Summary Beef Calf Club Demonstrations

Name of Member	No. Animals	Days Fed	Gain in Wt.	Total Value	Total Cost	Profit
Paul E. Jackson	1	120	100	30.00	15.00	15.00
Matthew Branham	1	180	200	120.00	75.00	45.00
John Lee Peake	1	120	150	28.00	20.00	8.00
Arthur West	1	120	150	25.00	15.00	10.00
Ray Reynolds	1	90	100	25.00	15.00	10.00
Cleatus Godwin	1	118	150	128.75	57.93	50.82
John Elliott	1	120	150	137.75	120.38	17.37
Norman Shealey	1	163	245	250.82	213.77	36.75
Charles Young	1	120	30	97.00	147.75	-50.75
Wilson Holley	1	120	60	90.95	103.55	-12.60
Lemuel Wooten	1	180	355	253.59	166.00	87.59
A. D. Goff	1	155	220	110.61	104.00	6.61
Marion Jones	1	186	345	235.66	190.35	45.31
Franklin Kirkland	1	120	210	200.74	171.53	29.21
H. L. Dinkins, Jr.	2	175	485	475.07	398.00	77.07
Edward Jones	1	186	325	236.00	182.35	53.65
Stephen Team	1	135	220	270.61	161.00	109.61
Jimmie McGuirt	1	75	145	166.54	141.00	25.54
Douglas Horton	1	142	240	210.08	135.57	74.51
Corinda Ogburn	1	139	150	151.51	129.60	21.91
John Pearce	1	120	100	170.40	150.00	20.40
Edward Marshall	1	120	100	50.00	25.00	25.00
Donald Bowen	1	120	150	75.00	50.00	25.00
Totals				\$3539.08	\$2787.78	\$851.30

County-Wide 4-H Club Leaders' Conference

One county-wide 4-H club officers and leaders' conference was held in cooperation with the home demonstration agent. We had an attendance of about 50% of the leaders and officers.

Judging Team

One livestock judging team composed of 4 boys was trained and won first place in the beef cattle judging contest of the Piedmont District held in Anderson, S. C. This team also participated in the contest of the Southeastern States at the National Polled Hereford Show held in Knoxville, Tennessee and won fourth place in this contest. This team was composed of Marion Jones, Heyward Kirkland, Ray Strickland and Andrea Brown was alternate.

Purebred Pig Club

The Chamber of Commerce has sponsored a purebred Berkshire pig chain. The Chamber purchased 10 Berkshire gilts which were placed with 4-H club boys throughout the County. Three of these boys have contributed a pig to perpetuate the chain.

4-H Beef Club

The Chamber of Commerce sponsored a county-wide fatstock show. We had 16 boys to feed out steers. This project was carried on in cooperation with the Agricultural teachers of the county. There were a total of 25 calves shown which took approximately \$500.00 in prizes contributed by the Chamber of Commerce. These calves were sold in Columbia, S. C., at a State wide show and sale and averaged $23\frac{1}{2}\text{¢}$ per pound.

The 4-H club members and FFA boys recognized the outstanding work done by Mr. C. L. Shealey in that he canvassed the butcher shops and meat markets in the County and persuaded them to attend the sale and buy Kershaw County calves. This work meant a great deal to the boys who had calves for sale. They presented him an Eversharpe fountain pen in recognition of this work. Following is picture of boys and their calves.



County Fair Exhibits

The 4-H club boys showed greater interest in the county fair this year. A great many more exhibits were entered and they were of higher quality, especially the swine exhibits from the purebred Berkshire pig club.

4-H Club Camp

A total of 64 boys and 4 local leaders attended the summer camp at Camp Bob Cooper this past summer. The camp was well organized and proved an enjoyable and profitable occasion for the boys.

Byron Newman of the Bethune 4-H club and John Elliott of the Midway Club attended conservation camp at Camp Long this summer. These boys expressed great appreciation for having had the opportunity to attend this camp.

HORTICULTURE

Horticultural extension work in Kershaw County for 1947 included 2 production demonstrations in sweet potatoes, home orchards, home garden, and marketing of orchard products.

Sweet Potatoes

Sweet potato demonstrations: Two demonstrations in the production of sweet potatoes were conducted in 1947. A summary of these demonstrations follow:

Summary Sweet Potato Production Demonstrations

Name	Acres	Yield Per Acre			Returns	Cost	Profit
		No. 1's	No. 2's	Culls			
John Rabon	5	600	190	210	1500.00	520.00	980.00
M. B. Burns	3	318	100	110	718.00	350.00	368.00
Totals	8	918	290	320	\$2218.00	\$870.00	\$1348.00
Average Per A.		114.7	36.2	40	277.25	108.75	168.50

Home Orchard

Home Orchards: I assisted 8 people in securing fruit trees for home orchards in 1947. We also assisted farmers in spray schedules and in the pruning of home orchards.

Home Gardens

Home Gardens: In cooperation with the home agent demonstrational home gardens were conducted in 4 communities. The home agent mentioned this in her club meetings and encouraged people to visit these gardens. Garden bulletins were given to people in the county and garden notes were published in the weekly newspaper.

Marketing

Work done in marketing of fruits is discussed under Marketing.

MARKETING

It was not necessary to give too much time to the marketing of farm products in 1947 due to the fact that farm people had no trouble in locating buyers for their produce. However, when there was a surplus the extension service helped to dispose of it.

Marketing of surplus farm products: The following table shows the things that farmers bought and sold in cooperation with the Extension Service in 1947:

Summary Marketing Work in 1947

Products	Quantity	Bought	Sold
Sweet potatoes	800 Bu.		1500.00
Purebred bulls	11 head	2925.00	
Purebred boars	5 head	230.00	
Purebred gilts	15 head	600.00	
Beef type heifers	16 head	1100.00	
Fruit trees	300	240.00	
Poultry	4000 lbs.		1500.00
Pecans	3000 lbs.		710.00
Hay	40 Tons		1400.00
B.H.C. & D.D.T.	10 Tons	5600.00	
Totals		\$10,995.00	\$5,110.00

POULTRY

Extension work in Kershaw County with poultry consisted of vaccination demonstrations, marketing of poultry products, furnishing plans for housing and feeding poultry.

Vaccination demonstrations of poultry: Flock owners in Kershaw County are improving their flocks by complying with the National Improvement Plan and by keeping U. S. approved flocks. Some farmers sold eggs for hatching purposes this year thereby realizing more income from their eggs. A summary of vaccination demonstration follows:

Summary of Poultry Vaccination Demonstrations

Name	Address	No. Birds	No. Birds Reacted	No. Birds Culled	No. Doz. Hatching Eggs Sold	Value With Premium
Ralph A. Martin	Kershaw, S.C.	378	4	0	1390	834.30

Marketing

Marketing of poultry is discussed under Marketing.

Housing

Plans for housing: We furnished plans for 7 brooder houses and 5 poultry houses. These plans were according to the Extension Service plans.

A. A. A. ACTIVITIES

Following is a summary of the educational activities of the county agent in connection with the AAA program in Kershaw County during 1947:

Summary A. A. A. Educational Activities - 1947

Days devoted to A. A. A. activities	7
Number of educational meetings held	10
Number training meetings held for committeemen	2
Attendance	45
Number farm visits made re: A. A. A. matters	6
Number news stories published re: A. A. A.	6
Number circular letters and cards prepared	0
Number individual letters written	0
Number office calls re: A. A. A. program	350

My work with the AAA during 1947 has been to give out educational information to farm people. I meet with the county committee whenever convenient and offer suggestions in regard to the best methods of getting certain practices carried out that will improve the soils and improve living conditions for farm people.

We had 1125 farmers in Kershaw County who cooperated with the AAA program in 1947. These cooperating farmers have or will receive approximately \$54,980.00 in soil conservation payments.

Under the terracing and liming program meetings were held to explain the method of getting deliveries to the farms and terraces built under the AAA program. Newspaper articles were written in reference to both of the above mentioned programs. As a result 2799 tons of lime and 350 tons of superphosphate were delivered to the farms. Under the terracing program 27 farmers terraced 186,374 feet on their farms. 22,100 pounds of Austrian Winter Peas were also delivered to farmers in Kershaw County.

PUBLICITY

Publicity work and the distribution of educational information connected with the 1947 extension program of work in Kershaw County was done through circular letters, newspaper articles, distribution of bulletins, and farm tours.

Summary Publicity Work in 1946

Individual letters written	1215
Circular letters	15
Copies mailed	3990
Press articles	140
Bulletins distributed	769

Circular letters: A total of 15 circular letters were prepared and 3990 copies mailed to farmers and 4-H club boys in Kershaw County. These letters contained timely information on agricultural matters. Specimen copies of circular letters are attached to this report.

Press articles: A total of 140 press articles were published in Kershaw County newspapers during the year. Specimen copies of news articles are attached to this report.

Bulletins distributed: A total of 769 bulletins were distributed to farmers and 4-H club boys in Kershaw County during 1947.

On the following pages will be found specimen copies
of circular letters issued during the year 1947.

COOPERATIVE EXTENSION WORK
IN
AGRICULTURE AND HOME ECONOMICS

STATE OF SOUTH CAROLINA

CLEMSON AGRICULTURAL COLLEGE
OF SOUTH CAROLINA AND
UNITED STATES DEPARTMENT OF
AGRICULTURE COOPERATING

Camden, S. C.
February 19, 1947

EXTENSION SERVICE

WHAT? A Tractor and Equipment Demonstration

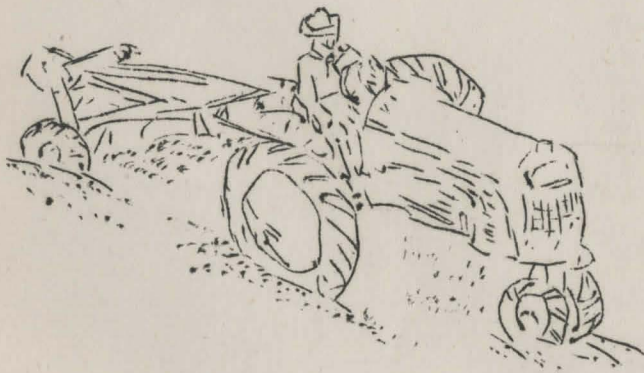
WHEN? February 24th at 2:00 P. M.

WHERE? Whitaker-Boykin Company

WHO IS INVITED? Any tractor owner or tractor operator in Kershaw 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 lubrication demonstrations.



Yours very truly,

W. C. McCarley

W. C. McCarley
County Agent

A. H. Maybin, Jr.

A. H. Maybin, Jr.
County Labor Assistant

COOPERATIVE EXTENSION WORK
IN
AGRICULTURE AND HOME ECONOMICS

STATE OF SOUTH CAROLINA

CLEMSON AGRICULTURAL COLLEGE
OF SOUTH CAROLINA AND
UNITED STATES DEPARTMENT OF
AGRICULTURE COOPERATING

Camden, S. C.
May 2, 1947

EXTENSION SERVICE

TO: PARENTS OF 4-H CLUB MEMBERS:

We are very glad to have your son enrolled as a 4-H club member for 1947. We of the Extension Service expect to do all that we can to cooperate with him and to assist him in carrying out the South Carolina 4-H Club Slogan "Learn to do by Doing", and the National Club Motto "Make the Best Better".

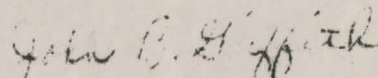
Your son has expressed his interest in 4-H club work and in farming by joining the 4-H club. In order for him to do a good job he must have some kind of project at home. An acre or more of cotton, corn, a garden, a number of chickens, a pig, calf, or something he can have for his own. I am sure it is his desire to make a good record in competition with other club members in every county of the United States. The job is bigger than he will be able to accomplish alone, however. He will need your cooperation, encouragement, and advice throughout the year. This, I am sure, you will gladly give him. In too many cases the enthusiasm and desire to do a better job have been killed when the boy's calf becomes dad's cow, or when the boy realizes the cotton was his to raise and dad's to sell. May I urge that you encourage your son to conduct his 4-H club project on a business-like basis and that you enter into a business agreement with him which will enable him to do this?

The boys of today must prepare themselves to face the problems of tomorrow. Let's do all we can to help them.

We are enclosing a booklet, "Parent's Part in 4-H Club Work". We hope you will take the time to look through it and perhaps get some ideas as to how you might help your son and Kershaw County in 4-H club work.

Your suggestions on plans to improve the 4-H club program in Kershaw County will be appreciated.

Very truly yours,



John B. Griffith
Assistant County Agent

JBG:S

COOPERATIVE EXTENSION WORK
IN
AGRICULTURE AND HOME ECONOMICS
STATE OF SOUTH CAROLINA

CLEMSON AGRICULTURAL COLLEGE
OF SOUTH CAROLINA AND
UNITED STATES DEPARTMENT OF
AGRICULTURE COOPERATING

EXTENSION SERVICE

Don't miss it!

Camden, S. C.
October 31, 1947



Dear Farm Family:

In this time of labor shortage and high wages more and more the farm family is having to take on extra jobs and tasks around the home and farm. To aid the farm family with these extra duties the Extension Departments of Winthrop and Clemson cooperating with the local Home and Farm Agents have prepared an exhibit of Labor Saving devices.

This Labor Saving show was exhibited in 1946 in about half the counties and was enthusiastically received by large crowds.

The Extension Department plans to present this Labor Saving Show at the Camden Armory on Wednesday, November 12 from 10:00 to 4:00. Local electrical and Farm Implement dealers will also demonstrate the new labor saving devices they are offering the public. Homemade or handy gadgets for saving time and labor and doing the job more efficiently will be demonstrated.

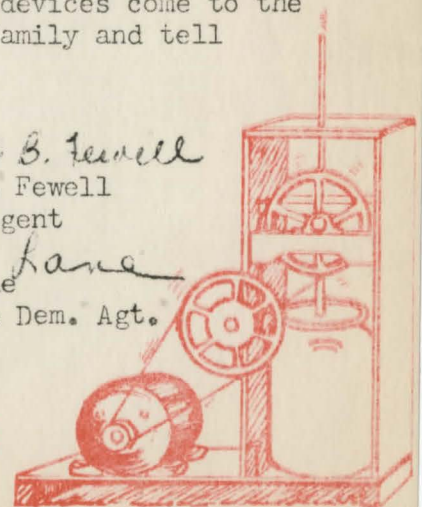
Are you planning built in cabinets for your kitchen or a new poultry house? Would you like to see something new in wood saws or learn quick ways of doing the family ironing? Would you like to see corn meal being enriched and improved methods of a number of other things? If you are interested in any of this and many other labor saving devices come to the Labor Saving Show on November 12. Bring your entire family and tell your neighbors to come also.



"Use of TRACTOR POWER shifts the heavy jobs from the worker to the machine."

Very truly yours,
W. C. McCarley *Margaret B. Fewell*
W. C. McCarley Margaret B. Fewell
County Agent Home Dem. Agent
J. B. Griffith *Merrell Lane*
J. B. Griffith Merrell Lane
Ass't. Co. Agent Ass't. Home Dem. Agt.

**FARM and HOME
LABOR SAVING
SHOW**



Take the labor out of
churning -

On the following pages will be found specimen copies
of press articles published during the year 1947.

PREVENT FOREST FIRES

This is the time of year when farmers are burning around the hedge-rows getting ready for this year's crop. During the past week we noticed several bad fires which did considerable damage that were started due to carelessness on the part of the farmer burning the hedge-rows. It is very important that you use care and not let fires burn over the woods.

4-H FITTING AND SHOWMANSHIP SCHOOL

On Saturday, February 22nd at 10:00 o'clock Mr. J. R. Hawkins, Livestock Specialist from Clemson College, will be here to instruct on the fitting and showing of beef cattle to 4-H boys who will show steers at the Fat Stock Show which will be held here on Thursday, April 3rd. These cattle will be carried from here and shown and sold on Friday, April 4th. All 4-H boys and their Dads are invited to attend this meeting and also future farmers and their agricultural teachers.

FARM TRACTOR SCHOOLS

Mr. J. L. Willis will be here February 24th and will give a school on the care and maintenance of tractors at Whitaker and Boykin platform behind the Freezer Locker. All owners and operators will find it worth while to attend this school.

TOO MANY FISH DIE OF OLD AGE

According to Allen M. Pearson, Extension Wild Life Specialist of the Alabama Polytechnic Institute, most fish die of old age before they have a chance to make a good story for some fisherman.

It appears that in most cases, fishing accounts for less than half of the total deaths among fish in our lakes and streams. Therefore, to reap the greatest benefit from farm ponds, good management to insure rapid growth of the fish is essential.

A state fish hatchery will help you obtain only the best kind of fish with which to stock your pond. Once your pond is well populated, fertilize regularly using 100 pounds per acre of 6-8-4 plus 10 pounds of readily soluble nitrogen. Start fertilizing in March and continue until October making the applications whenever the water is clear one foot down.

The fertilizer feeds the minute water plants in the bed of the pond which in turn feed the fish. Coarse plants such as lilies and cattails should be removed as these make poor fish food. When the fish are well-established, fish regularly -- catch them when they are biting best -- before they die.

February 10, 1947

BLUE MOLD ON TOBACCO BEDS

Blue Mold has been definitely identified in plant beds on two farms near Olanta, S. C., and is also present in Beds in Columbus County, North Carolina. The infection in one of the beds in South Carolina has been present since February 18, but was not reported until now, and secondary infection has already occurred on this bed. It is felt that there are other such mold infections in various parts of the State which have not yet been reported.

Our plants are quite small and will not survive an attack of Blue Mold unless control measures are used. Under present conditions we consider it advisable for growers to begin treatment of beds immediately, or as soon as plants begin to come up in any quantity. The cost of the treatment is rather small and should not be considered as an item, since treatment may mean the difference between plants and no plants. The fact that plants are small, and flat on the ground in most cases, makes it necessary that extreme care be exercised to see that a good coating of the Fermate is obtained on all of the exposed leaf surface.

KERSHAW COUNTY WINDS 2nd PLACE IN JUDGING CONTEST

Kershaw County 4-H livestock judging team won second place in the Piedmont District judging contest held in Anderson on March 11th.

Oconee County won first by a small margin, Anderson 3rd, Laurens 4th and Fairfield 5th.

The contest consisted of placing 2 classes of fat hogs and 2 classes of fat steers, and giving reasons for these placings on one class of each.

Members of Kershaw County team are Heyward Kirkland, Andrea Brown, Ray Strickland and Elred Goff all of Blaney High School.

The team was first on cattle judging. Heyward Kirkland was highest individual scorer in the contest and Ray Strickland was 3rd highest.

March 18, 1947

MEAT ANIMAL PROJECTS TRAINING 4-H MEMBERS

The 4-H meat animal project program provides club members the opportunity to learn how to properly manage meat animals, says Dan Lewis, state boys' club agent. In caring for their animals clubsters learn to provide shelter and other comforts, to supply pure water freely, to protect against disease and parasites, and to handle and market without injury.

The project includes 4-H beef, swine, and sheep enterprises. The state winner in this program is awarded a standard American-made 17 jewel gold watch in a gift box. Many of these watches are being worn by South Carolina club members who have formerly won this honor.

Eight sectional educational trips to the 26th National 4-H Club Congress in Chicago this fall will be awarded to a blue ribbon group consisting of the two highest scoring participants in each of the four sections of the United States. This means two trips for the Southern section. Then four college scholarships, one from each extension section, will be awarded this group of blue ribbon winners, Mr. Lewis points out.

CONSERVATION CONFERENCE FOR 4-H'ERS SUCCESSFUL

Byron Newman of the Bethune 4-H club and John Elliott of the Midway club were representatives from Kershaw County at the conservation conference held at Camp Bob Cooper near Manning July 21-25. "Conservation in the Full Development of Mankind" was the theme of the conservation and leadership institute. 165 delegates and leaders attended.

Using the theme as his subject, E. A. Gwynne, business manager of the Spartanburg Herald, opened the program Monday evening. Other speakers at the conference included A. H. Ward, extension district agent, who discussed Conservation of S. C. Soils; Dr. and Mrs. W. H. Chapman of the health unit at Bishopville who spoke on Conservation of health; and J. T. Iazar, extension district agent, who told campers How to Get and

Use Conservation Information. Friday evening R. Y. Bailey, Soil Conservation Service, Spartanburg, gave a summary of what had been learned in lectures and group meetings.

After the morning talks L. O. Clayton, district boys' 4-H club agent, directed group discussions of the facts presented. At the afternoon sessions club members observed practical demonstrations and planned ways of promoting various phases of conservation.

Leaders helping with these group activities included E. C. Turner, extension conservationist; W. J. Barker and C. W. Hall, extension foresters; Miss Janie McDill, extension nutritionist; J. W. Burnette and John Dukes, Soil Conservation Service; A. A. Lehocky, State Commission of Forestry; and county and home agents who accompanied club delegates.

George W. McCullough, wildlife technician for the Federal Cattridge Corporation, Minneapolis, attended the camp and address the clubsters. His organization sponsors this 4-H conservation meeting.

Clubsters participated in campfire services, wespers, stunt programs, softball and swimming during the week. Delegates attending this conservation camp were selected from each county, two boys and two girls 14 years old and above, on the basis of the best 4-H conservation and leadership work.

August 4, 1947

DESTROYING COTTON STALKS

One good way to combat the boll weevil is to destroy cotton stalks just as soon as all cotton is picked. The Pee Dee Experiment Station says that you can decrease the number that go into hibernation very much by destroying stalks. This should be done on a community wide basis.

KERSHAW COUNTY FAIR

The Kershaw County Fair will open on Monday, October 6th. It looks now as if we will have 6 community booths. All farmers, 4-H club boys and FFA boys are urged to bring exhibits to the fair. Premium books can be secured at the Agricultural Building.

FAT STOCK SHOW

The Chamber of Commerce is again sponsoring the Fat Stock Show in Camden for 4-H and FFA boys. The prizes will be as good or better than last year. Any 4-H club boy or FFA boy that expect to feed out a calf for this show should get his calf and start it on feed just as early as possible.

4-H JUDGING TEAM TO GO TO KNOXVILLE, TENNESSEE

Mr. J. B. Griffith, assistant county agent, trained a 4-H judging team last fall and since this team made such a good record on judging beef cattle they have been selected to represent S. C. in the International Polled Hereford Show and Sale on November 1st in Knoxville, Tennessee. At this show this team will judge 8 classes of polled hereford cattle. The winners of the contest will receive valuable awards. The boys who compose this team are Heyward Kirkland, Ray Strickland, Andrea Brown and Marion Jones.

September 22, 1947

PINE SEEDLING PLANTING DEMONSTRATIONS PLANNED

In cooperation with the S. C. Forestry Service we plan to hold tree planting demonstrations on Friday, December 5th. One of these demonstrations are to be held on Sam Truesdale's Farm near Westville at 10:30 A.M., the other one is to be held on the Mackey tract just beyond the Fair Grounds on the Sumter Highway. We will meet at Ownes' Store at 10:30 at DeKalb just prior to the demonstration on the Truesdale Farm and at 2:30 in the County Agent's office before the demonstration on the Mackey tract. Kershaw County farmers are putting out a large number of pines this year and these demonstrations are being conducted to help you get a higher percentage of seedlings to survive.

At present the West Virginia Pulp and Paper Company is using a machine for putting out pine seedlings. This machine requires only 2 or 3 men to operate it and will plant several acres per day. Anyone interested in seeing this machine in operation will be welcome to visit the West Virginia Pulp and Paper Company farm which is part of the Guion Farm in Lugoff.

EAT HENS TO HELP SAVE NEEDED GRAIN

South Carolina families are asked by P. H. Gooding, leader, Clemson Poultry Extension Work, to participate in the "Eat Hens to Help" campaign. This campaign recently launched by the Poultry and Egg National Board is designed to save 30 million bushels of grain for Europe. It is being supported by government agencies as well as by members of the poultry industry.

It calls for every American family to eat at least one hen per week for the next six weeks. It is putting into effect pledge number 5 of the five-point program worked out by poultry and government leaders as a better grain-saving plan than poultryless Thursdays originally suggested.

It is estimated that the success of this campaign will transform 136,000,000 grain-eating hens into pot pie, chicken a la king, chicken 'n dumplings, and other favorite dishes which housewives create from stewing fowl. The canning of hens or freezing them for storage in freezer plants also provides means for carrying out the program.

Mr. Gooding suggests that this program provides an additional incentive for poultry raisers to cull and dispose of non-laying, nonprofitable hens. He points out that unless the flock has been culled in recent weeks such hens will be found in almost every flock. Also, he suggests that it is well to cull this year's pullets to remove those that do not give promise of becoming good layers. Male birds should also be removed from the flock where it is not planned to use the eggs for hatching purposes.

Where the flock is culled and it is not desired to use all the culls immediately he suggests that they be penned separately so that they can be used when desired without having to disturb again the laying flock.

RAT ERADICATION CAMPAIGN

In furthance of grain saving program several counties have been successful in conducting a rat eradication campaign. Kershaw County plans to conduct such a campaign early in January. It is estimated that one rat will eat and destroy a total of 150 pounds of grain per year. As you can readily see the eradication of rats in Kershaw County will aid materially in the grain conservation program.

December 2, 1947

SOIL CONSERVATION

SUMMARY OF EXTENSION EDUCATIONAL ACTIVITIES IN CONNECTION WITH
SOIL CONSERVATION DISTRICTS

1. No. group conferences Extension and SCS technicians in County	<u>0</u>
a. Attendance at these conferences	<u>0</u>
2. No. community meetings with Soil Conservation District work	<u>2</u>
a. Attendance at these meetings	<u>15</u>
3. No. field meetings	<u>2</u>
a. No. method demonstrations establishing practices	
1. Attendance	<u>12</u>
b. No. meetings at demonstrations (observation)	<u>1</u>
1. Attendance	<u>5</u>
4. No. farms on which county agent assisted with soil conservation farm planning	<u>12</u>
5. Informational material on soil conservation	
a. No. informational circular letters	<u>1</u>
b. No. informational news articles	<u>6</u>
c. No. bulletins (soil conservation) distributed	<u>100</u>
d. No. radio programs (soil conservation)	<u>0</u>
6. Soil conservation program with 4-H clubs	<u>9</u>
7. No. contestants 4-H soil conservation contest	<u>6</u>
8. No. demonstrations to establish farm drainage	<u>0</u>
a. No. acres drained	<u>0</u>
9. No. demonstrations maintenance drainage ditches	<u>0</u>
10. No. demonstrations establish cover of summer or winter annuals or perennials for soil conservation	<u>4</u>
11. No. method demonstrations farmer-built terraces	<u>3</u>
a. Attendance	<u>18</u>
12. No. method demonstrations terrace maintenance	<u>2</u>
a. Attendance	<u>8</u>
13. No. organized communities in county for soil conservation	<u>2</u>
a. No. farms in these communities	<u>75</u>

VISUAL INSTRUCTION

Visual instruction work for 1947 consisted of showing charts and maps at various farmer meetings to help put across the teaching of various farm problems. We showed 23 films at 4-H club and outlook meetings during 1947.

FARM LABOR PROGRAM

The farm labor program: Mr. A. H. Maybin, Jr. was labor assistant in the county until July 18th. Since that time we have not had one but the Extension Service tried to carry on the work being done by Mr. Maybin. Tractor schools were conducted in 3 of the 4-H clubs, 2 combine schools with adults were given. Local leaders in the various communities cooperated in getting various jobs done by the use of exchanging labor for the use of farm machinery, working with combine operators in seeing that all grain was harvested and helping to get labor to do jobs such as chopping cotton, picking cotton, etc., distributed where it was needed most. One county-wide labor saving show was held in the county at which time labor saving devices in the home and on the farm were shown. 2037 farm people attended this show.

