

1947

1947 Lexington County Extension Service Report

Clemson University Cooperative Extension Service

S. E. Evans

R. H. Sams

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ANNUAL REPORT

COUNTY AGENT WORK

LEXINGTON

County

SOUTH CAROLINA

1947

S. E. EVANS

County Agent

R. H. SAMS

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

ANNUAL REPORT OF COUNTY AGENTS' WORK

LEXINGTON COUNTY, SOUTH CAROLINA

1947

S. E. EVANS, COUNTY AGENT

R. H. SAMS, ASS'T. COUNTY AGENT

Elizabeth Leonard, County Home Demonstration Agent

Bobbi Spencer, Ass't. County Home Demonstration Agent

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Cooperative Extension Work In

Agriculture and Home Economics

United States Department Of

Agriculture Cooperating

Extension Service

D. W. Watkins, Director

Clemson, South Carolina

DEC 18 1947

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SUMMARY OF ACTIVITIES AND ACCOMPLISHMENTS

GENERAL ACTIVITIES

1. Days agents spent in office.....	108
2. Days agents spent in field	505
3. Days agents worked.....	613
4. Miles agents traveled.....	24185
5. Farms visited.....	1781
6. Different farms visited.....	950
7. Office calls.....	1743
8. Telephone calls.....	831
9. News articles published.....	267
10. Bulletins distributed.....	2028
11. Meetings held or attended.....	227
12. Attendance at these meetings.....	9397
13. Number communities in which extension work was conducted.....	19
14. Number farmers and 4-H club members conducting demonstrations	334

PROJECT ACTIVITIES AND RESULTS

Agricultural Economics

The farm and home agents held one county-wide outlook meeting with an attendance of 74 farm men and women and 15 community outlook meetings with an attendance of 910 farm men and women. Eighty-seven different farm workers were placed during the year.

Agricultural Engineering

Thirty farm building plans as prepared by the Extension Agricultural engineers were supplied farmers for the construction of farm buildings. One 5,000 bushel capacity sweet potato house was constructed during the year. Four tractor operation and maintenance schools were conducted with an attendance of 208 farmers. One 4-H tractor maintenance club was organized with 25 members. Three drainage demonstrations were conducted with an attendance of 300 farm people. Two drainage ditches were blown with dynamite.

Agronomy

Twenty-five five-acre cotton contest demonstrations were completed in 1947. 31 hybrid corn and 44 other corn demonstrations, seven small grain demonstrations, one sugar cane demonstrations, fourteen legume demonstrations, two hay production and curing demonstrations, 28 permanent pasture demonstrations, 2 demonstrations on legumes for seed, 15 annual grazing demonstrations, 2 silage production demonstrations and 5 grain sorghum demonstrations were completed during the year. Two agronomy tours were conducted, 5 liming demonstrations completed, 57 acres kudzu established and 49 acres of lespedeza sericea were established in the county during the year.

Soil Conservation

Twelve group conferences with soil conservation technicians were held. Three community meetings on soil conservation were held with an attendance of 381 farm people. 128 method demonstrations establishing practices were conducted. eleven news articles published, fifteen hundred bulletins were distributed and three drainage demonstrations conducted.

The soil conservation district technicians worked out farm plans on 97 farms in the county covering a total of 7381 acres of farm land. This brings the total number of soil conservation district farm plans in the county to 435 with a total of 54,682 acres offarm land under these agreements.

"Dairying

Three farmers were assisted in selecting and obtaining purebred dairy bulls during the year. This brings to a total of fifteen purebred dairy bulls in use in the county on December 1, 1947. Five farmers were assisted in obtaining purebred and grade dairy cows.

Entomology and Plant Pathology

Seven hundred and fifty farmers were assisted with miscellaneous insect problems and 323 farmers assisted with miscellaneous disease problems during the year. Eight cotton defoliation demonstrations were conducted and 20 demonstrations on treating cattle for lice and grubs were conducted this year.

Beekeeping

Five transferring demonstrations and five requeening demonstrations were conducted during the year.

Forestry

Five selective cutting demonstrations and five thinning demonstrations were conducted. Fourteen woodland examinations were made and 89,000 board feet of lumber and 294 cords of pulpwood were marked on 206 acres of woodland.

4-H Club Work

Twelve boys 4-H clubs are organized in the county with an enrollment of 251 members. Monthly meetings were held at all clubs and one 4-H encampment was held with an attendance of 68 boys and 110 girls. 107 club members completed demonstrations and submitted records. Three club officer and leader meetings were held with an attendance of 24 boys and girls. Two executive board meetings of the 4-H council were held during the year.

Horticulture

Seven home orchard demonstrations, 28 commercial orchard demonstrations, Five home garden demonstrations, eight truck garden and 12 sweet potato demonstrations were conducted during the year.

Animal Husbandry

Twenty-two farmers were assisted in selecting and obtaining boars, and eleven farmers assisted in obtaining purebred and grade sows and gilts. Three hog feeding and forty swine sanitation demonstrations completed. Six farmers were assisted in selecting and obtaining purebred beef bulls and four farmers assisted in selecting and obtaining purebred and grade cows and heifers. Ten 4-H club members exhibited and sold beef calves at the fat stock show and sale. 127 4-H club members grew out 135 pigs during the year.

Poultry

Twenty-seven poultry vaccination demonstrations and five culling demonstrations were conducted during the year. Four hundred farmers were assisted with disease problems.

Visual Instruction

Educational motion pictures were shown at 42 meetings with an attendance of 1912 adults and 1129 farm boys and girls. Slides were shown at 2 meetings with an attendance of 437 farm people.

Publicity

A total of 854 personal letters were written, 32 circular letters prepared and 10,014 copies mailed. 267 press articles were published in the two county newspapers. 2028 bulletins and circulars were distributed. Three farm tours were conducted and one forage school attended.

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LEXINGTON, COUNTY

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

1. County Agricultural Committee:

The members of the County Agricultural Committee were selected by the Farm and Home Agents to represent the various distinct farming communities of the county. Emphasis was placed on the selection of at least one representative of each type of farming prevalent in the county and members of the other agricultural agencies serving in the county were designated by the heads of their departments.

<u>NAME</u>	<u>ADDRESS</u>
McKendree Barr	Leesville, S.C.
V. S. Bickley	Lexington, S.C.
L. H. Buff	West Columbia, S.C.
Allen Brown	Columbia, S.C.
D. H. Caughman	Lexington, S.C.
J. Ansel Caughman	Leesville, S.C.
Carl A. Dreher	R-2, Columbia, S.C.
Archie H. Dunbar	Pelion, S.C.
D. E. Efird	Lexington, S.C.
A. S. Frick	Chapin, S.C.
J. E. Folk	Irmo, S.C.
Ray Allen Hendrix	Gilbert, S.C.
Grady Hook	West Columbia, S.C.
Mrs. Thomas E. Hook	Lexington, S.C. R-1
O. K. Huffstetler	Chapin, S.C.
Mrs. Roscoe Jackson	Swansea, S.C.
W. Lewis Kennerly	Swansea, S.C.
W. A. Kleckley	Lexington, S.C. R-1
G. R. McSwain	Lexington, S.C.
J. P. Murrah	Batesburg, S.C.
B. B. Oswald	Lexington, S.C.
Mrs. Roy Padgett	Leesville, S.C. R-1
Roy Padgett	Leesville, S.C. R-1
L. L. Rikard	Gilbert, S.C.
W. P. Rawl	Gilbert, S.C.
B. V. Shealy	Leesville, S.C.
Charles H. Sellars	West Columbia, S.C.
Mrs. Roscoe Shumpert	West Columbia, S.C.
Mrs. E. M. Shull	Leesville, S.C. R-1
Mrs. M. L. Steele	West Columbia, S.C.
C. A. Wingard	Lexington, S. C. R-2
Ralph Witt	Swansea, S.C.
Mrs. Hilton Hendrix	Lexington, S. C. R-2
Fred B. Mathias	Lexington, S. C. R-4
A. H. Hite	Gilbert, S.C.
R. F. Murphy	Lexington, S.C. R-2
Lawrence Hook	Lexington, S.C.

Executive Committee

B. V. Shealy, Chairman	Leesville, S.C.
W. P. Rawls, Vice-chairman	Gilbert, S.C.
J. Ansel Caughman	Leesville, S.C.
D. E. Efird	Lexington, S.C.

Program Committee:

L. L. Rikard	Gilbert, S.C.
L. H. Buff	West Columbia, S.C.
W. Lewis Kennerly	Swansea, S.C.

Labor Committee:

B. V. Shealy	Leesville, S.C.
D. E. Efird	Lexington, S.C.
W. P. Rawls	Gilbert, S.C.
J. A. Caughman	Leesville, S.C.
Mrs. Thomas E. Hook	Lexington, S.C.

Representatives on State Agricultural Committee:

B. V. Shealy	Leesville, S.C.
Mrs. T. E. Hook	Lexington, S.C.

Marketing Committee:

B. E. Oswald	Lexington, S.C.
Mrs. W. Aughtry Smith	Lexington, S.C.
Milford Sease	Gilbert, S.C.
D. H. Caughman	Lexington, S.C.
Mrs. Hilton Hendrix	Lexington, S.C.

Veterans Advisory Committee:

J. Ansel Caughman	Leesville, S.C.
A. G. Smith	Lexington, S.C.
J. A. Barr	Lexington, S.C.
D. E. Efird	Lexington, S.C.

Duties and Responsibilities of County Agricultural Committee:

The duties of the County Agricultural Committee will be to meet at regular intervals and study with the county agents the various agricultural problems confronting the farm people of Lexington County, designate members of the committee as sub-committees to work on various phases of the problems and report back to the regular committee findings and recommendations. Assist county farm and home agents in arranging meetings, selection of demonstrations and follow-up plans.

2. Community Agricultural Committees and Neighborhood Leaders:

Batesburg Community

Neighborhoods

Batesburg
Hulon

Neighborhoods

Bethlehem
Samaria

Boiling Springs Community

Boiling Springs

Liberty Hill

Chapin Community

St. Jacobs
Piney Woods
St. Thomas
Providence

Newberg
Macedonia
Chapin
Hilton

Congaree Community

Emanuel
Platt Springs

Congaree
Sand Mountain

Edmund Community

Macedon
Edmund

Sonny South

Fairview Community

Steedman
Pine Grove
Fairview

Oak Grove
Covent

Gaston Community

Sharpes Hill
Gaston
Sand Mountain

Athens
Moores

Gilbert Community

Summit
Camp Branch
Pond Branch

Gilbert
Hallman's Mill
Centerville

Hollow Creek Community

Mt Pleasant
Beulah
Shiloh

Hollow Creek
Cross Roads

Irmo Community

St. Michael
Irmo
Salem

Pleasant Spring
St. Andrews

Pelion Community

Neighborhoods

Cross Roads
Black Creek

Ridge Road Community

St Mark
Ridge Road
Red Star

Round Hill Community

Round Hill
Pisgah
Keisler

Swansea Community

Calvary
Swansea
Central

Leesville Community

Althea
Old Field
Leesville
Hall
Kerney Branch

Oak Dale Community

Dixiana

Lexington Community

St. Johns
Providence
Zions
Lexington
Pleasant Hill
Pisgah

Poole's Mill Community

Macks
Poole's Mill

West Columbia Community

Mt. Hebron
St David
Arthurs
West Columbia

Neighborhoods

King Grove
Pelion

Cedar Grove
Climax

Longs
Barrs

Dixie
Antioch
Culler

Caney Branch
Fredonia
Poplar Springs
Kneece
Providence

Oak Dale

Charter Oak
Rock-E-Ridge
Pilgrim
Red Bank
Spring Hill
Center

North Edisto

Oak Grove
Cayce
St James

PROJECT ACTIVITIES AND RESULTS

AGRICULTURAL ECONOMICS

Work in agricultural economics and farm management in 1946 consisted of outlook meetings, assistance in farm planning, and cooperation with farm credit agencies in the county.

Outlook Meetings: One county-wide outlook meeting was held at the county seat at which time extension economists presented outlook information on farm production, prices, labor, fertilizer and farm machinery to 74 Lexington county farm men and women.

Following this meeting the county agents conducted community outlook meetings in 15 different communities with an attendance of 910 farm men and women. At each of these meetings motion pictures on soil conservation and deworming of livestock were shown and the 1947 farm outlook discussed.

Outlook information presented has proven of great value to many farmers in the county especially in this time of uncertainty. They used this information in planning their farming operations to overcome labor shortages and market demands.

Farm Planning Demonstrations: Three farm operators purchasing farms in the county were assisted in planning their farm operations by the county agents. These farmers were interested in livestock and forestry and recommendations were made as to the establishment of permanent pastures, feed crop production and soil improvement.

Cooperation with Farm Credit Agencies: The county agents have cooperated with the farm credit agencies in the county in their work of extending credit to the farmers of Lexington county. Credit agencies extending credit in the county are, The Farm Home Administration, The Columbia Production Credit Association and the National Farm Loan Association.

The county agents have throughout the year advised farmers with reference to these sources of credit and has assisted the personnel of the credit agencies in recommending practices needed on the farms on which they have loans.

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AGRICULTURAL ENGINEERING

SOIL CONSERVATION

Soil conservation work in Lexington county during the year was in cooperation with the Congaree Soil Conservation District, which includes Lexington county and with the Lexington County Agricultural Conservation Association. The soil conservation service has two technicians working in the county and meetings and demonstrations were planned and held in cooperation with these technicians during the year.

District Farm Plans: During the year 97 district farm plans were prepared by the Soil Conservation service technicians in cooperation with the county agent. This brings to a total of 435 farm plans covering 54,682 acres of farmland in the county.

Terracing: The Soil Conservation Service technicians ran terrace lines on 675 acres on 40 farms. These terraces were constructed by the farmers themselves with tractors and tillers under the supervision of the technicians.

Wide-Spread Establishment of Soil Conservation Practices: The county agents cooperating with the Soil Conservation Service technicians held twelve group conferences in planning soil conservation practices in addition to farms under district agreements. As a result of these conferences and follow-up visits to a selective group of farmers 97 district farm plans were prepared. On each of these 97 farms, a land-use plan was developed in cooperation with the farmer concerned, providing for a balanced cropping program to provide farm income and at the same time conserve and improve the soil.

Meetings and Demonstrations: Three community meetings were held during the year with an attendance of 381 farm people. At each of these meetings motion pictures were shown showing the latest and best methods of soil conservation and improvement practices. Eleven field meetings were held at which method demonstrations on terrace construction were carried out. Also eleven field meetings were held during the year in observation of terracing and terrace maintenance. A total of 264 farmers attended these field meetings. A summary of educational activities, method demonstrations and soil conservation practices carried out during the year in Lexington county follows:

Educational Activities, Soil Conservation in Lexington County

	Number	Attendance
1. Monthly group conferences agricultural workers	12	36
2. Method demonstrations, (establishing practices	128	
3. Community Meetings	3	381
4. Field meetings	22	264
5. County Agents assist farm planning	97	
6. Informational News articles	11	
7. Bulletins distributed	1500	

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Extension Demonstrations Establishing Soil Conservation Practices

	Number
1. Perennial Lespedeza	21
2. Kudzu	19
3. Permanent Pastures	28
4. Summer and Winter Cover Crops	16
5. Terrace Construction	22
6. Terrace Maintenance	8
7. Forestry practices demonstrations	3
8. Liming Demonstrations	5
9. Establishing farm drainage	3

Summary of Soil Conservation Practices Established in Lexington County

	Number
1. District Farm Plans	97
2. Kudzu (acres planted)	57
3. Lespedeza Sericea (acres)	49
4. Pasture Improved (acres)	240
5. Terracing (acres)	675
6. Drainage (acres)	30
7. Tons of Lime	1650
8. Superphosphate (tons)	685.4
9. Vetch planted in fall of 1947 (lbs)	8000
10. Austrian Winter Peas planted fall 1947 (lbs)	20,100
11. Dixie Wonder peas planted fall 1947 (lbs)	545,000
12. Blue Lupine planted fall 1947 (lbs)	3,600

FARM BUILDING

Farm Building Plans: Farm building plans prepared by the Extension Agricultural Engineering Division were furnished to farmers in the construction of the following listed farm buildings.

Summary of Farm Building Plans Furnished Farmers

Buildings	Number
Milking Barns	1
Dairy Barns	1
Sweet Potato houses	1
General Purpose Barns	3
Hog Houses	5
Hog Self-feeders	8
Poultry Houses	4
Machine Sheds	7
Totals	30

Clarks' Dairy located near Gilbert constructed a dairy feed barn and a milking barn during the year. Both of these barns are modern in every way. The dairy feed barn is 34' X 72' and will accommodate 32 cows at one feeding. The milking barn has arrangements for milking 12 cows at a time and is modern and convenient throughout.

Sweet Potato Curing House: A group of sweet potato growers in the Pellion area constructed a 5,000 bushel cooperative sweet potato curing house. This house was constructed according to plans furnished by the Extension Service and will be a great asset to that community.

Farm building construction in the county have again been held to a minimum during the year due to the scarcity and high price of building materials.

Care and Repair of Farm Buildings: Fifteen farmers were assisted in care and repair of farm buildings during the year. Farmers have been urged by the county agents of the need for better care and repair of farm buildings as the cost of replacing these buildings with new ones would involve heavy expenses.

FARM MACHINERY

Farm Machinery Schools and Demonstrations: Four farm machinery schools and demonstrations were conducted during the year with an attendance of 208 farm machinery owners and operators. A summary of these schools and demonstrations follows:

Summary of Farm Machinery Schools and Demonstrations

<u>School or Demonstration</u>	<u>Number</u>	<u>Attendance</u>
Care and Adjustment of Farm Machinery	2	194
Tractor and equipment demonstration	2	14
<u>Totals</u>	<u>4</u>	<u>208</u>

In addition to the above schools and demonstrations a 4-H Tractor Maintenance Club was organized in the county. This club held four meetings at which demonstrations on the care and operation of farm tractors was conducted an extension agricultural engineer. This club had an enrollment of 25 4-H boys and older youth and had an average attendance of 14 members to each of its meetings. Sixty-eight 4-H club members also took the tractor short course at camp this year.

Care and Repair of Machinery and Equipment: In all, 219 farmers were assisted in the care and repair of farm machinery and equipment during the year and advice and help given 15 farmers in the purchasing of new equipment.

Drainage Demonstrations: Three farm drainage demonstrations were conducted in the county during the year. Two of these demonstrations were with the use of dynamite in blowing drainage ditches and one in the use of tile drainage. Meetings were held at these demonstrations with an attendance of 300 farmers. A total of 600 yards of drainage ditches were blown with dynamite and 225 feet of tile drainage established in the county.

Irrigation: One portable sprinkler system is in use in the county in the irrigation of truck crops. This system is owned and operated by Mr. Oliver Porth and sons whose farm extends to Lake Murray from which the water is obtained for this irrigation. This system has not been used to a great amount during the year due to the wet seasons prevailing throughout the year.

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RURAL ELECTRIFICATION

Extension Work in connection with the rural electrification program consisted of educational meetings, demonstrations in use of electric equipment and assistance in the operation of freezer locker plants.

The local county R.E.A. was organized in 1940 and has grown continuously since until it now has 375.57 miles of rural lines in Lexington county serving approximately 1526 farm families. In addition to the local R.E.A. organization two other rural electrification organizations in adjoining counties have 143 miles of rural lines in the county serving 341 farm families.

Also the South Carolina Electric and Gas Company has approximately 350 miles of rural lines in the county serving approximately 708 farm families.

Educational Meetings: One R.E. A. educational meeting was held in the county during the year with an attendance of 96 farm people.

Freezer Locker Plants: Lexington county is fortunate in having three freezer locker plants in operation in the county. The citizens of the county are taking great interest in these plants and large quantities of meat, fruit and vegetables are being stored in these useful lockers. A summary of these plants are as follows:

Summary of Freezer Locker Plants in the County

<u>Name of Plant</u>	<u>Location of Plant</u>	<u>No. Lockers</u>
Tri-County Refrigeration Co.	Leesville, S.C.	400
Lexington Frozen Foods, Inc.	Lexington, S.C.	375
West Columbia Frozen Foods Inc.	West Columbia, S.C.	400

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AGRONOMY

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

Cotton Production

Five-Acre Cotton Improvement Contest Demonstrations: Twenty-five Lexington county farmers completed their five acre cotton improvement contest demonstrations and ten have submitted records to date. A summary of these records are as follows:

Summary of Five-Acre Cotton Contest Records

Name of farmer	Lbs Seed Cotton	Lbs. Lint Cotton	Total Value	Total Cost	Net Profit	Variety
Mrs. Estelle King	11350	4085	\$1719.75	\$505.20	\$1214.55	Delta Pine Land
John L. Jeffcoat	10995	3955	1664.25	448.87	1215.38	Cokers 100 W.R.
Oliver M. Porth	10800	3885	1635.75	510.66	1125.09	Cokers 100 W.R.
H. E. Livingston	10065	3625	1526.35	437.20	1089.15	Cokers 100 W.R.
William G. King	9625	3465	1459.15	489.25	969.90	Cokers 100 W.R.
Kellar D. Jeffcoat	9625	3464	1456.40	468.40	988.00	Cokers 100 W.R.
Willie E. Jeffcoat	9440	3400	1431.60	391.47	1040.13	Cokers 100 W.R.
Joseph L. Shealy	9010	3243	1365.45	479.18	886.27	Cokers 100 W.R.
Ben L. Wessinger	8485	3055	1285.25	437.50	847.75	Cokers 100 W.R.
B. V. Shealy	7870	2843	1195.00	581.68	613.32	Cokers 100 W.R.

Average yield lint per acre..... 700 pounds
Average value per acre..... \$294.78
Average cost per pound lint..... 13.56 cents

The five-acre cotton improvement contest demonstrations have been responsible for the great improvement in the length of staple produced in Lexington county and for the increase in the average yield per acre.

Corn Production

During 1947 the campaign to increase the yield of corn per acre in Lexington county was again given much emphasis. The Lexington County Farm Bureau sponsored a corn contest throughout the county. Prizes amounting to \$525.00 were offered allowing five prizes for each of the three soil types prevailing in the county. This contest was placed on a 3 acre per farm basis. Fifty-nine farmers entered this contest, ten using hybrid varieties and the other 49 using other corn varieties. These fifty-nine farmers completed their contest demonstrations and 21 have submitted records to date. A summary of these records submitted to date are as follows:

Summary of Corn Production Demonstrations

Sandy Soil

Name	Acres	Bu. Per. Cost		Cost Per Value		Profit	Variety
		Acre	Prod.	Bushel	Crop		
B. B. Oswald	3	75.4	\$145.02	.641¢	\$531.10	\$386.08	Woods Hybrid
B. M. Rawl	3	63.3	90.39	.495¢	446.50	356.11	Woods Hybrid S-210
H. T. Harmon	3	53.1	58.47	.368¢	373.65	315.18	Woods Hybrid
J. Brooks Smith	3	51.7	141.55	.913¢	364.25	222.70	Cokers Ellis
V. S. Bickley	3	52.0	103.65	.691¢	454.00	350.35	Orangeburg Ellis
C. W. Pound	3	49.6	85.05	.570¢	350.15	265.10	Farm Grown
J. Arthur Smith	3	42.1	141.55	\$1.12	296.10	154.55	Cokers Ellis
Jack A. Poole, Jr.	3	40.2	51.70	.430¢	282.00	230.30	Lowman Yellow
W. L. Shealy	3	31.6	97.52	\$1.03	223.25	125.73	Farm Grown
T. O. Bodie	3	29.4	57.09	.648¢	206.80	149.71	Farm Grown
Donald L. Roof	3	21.0	87.05	\$1.38¢	148.05	61.00	Woods Hybrid
Totals	33		\$1059.04	696¢	\$3675.85	\$2616.81	

Average production bushels per acre..... 46.0 bushels
 Average value per acre.....\$111.39
 Average cost per bushel..... .696 cents

Summary of Corn Production Demonstrations

Clay Soil

Name	Acres	Bu Per Cost		Cost Value		Profit	Variety
		Acre	Prod.	Per Bu.	Crop		
S. Ralph Epting	3.0	52.1	\$69.80	.347¢	\$366.60	\$296.80	Lowman-Beardon Cross
Murray G. Seay	3.0	51.7	67.10	.433¢	599.25	532.15	Lowman Yellow
J. Gerskin Keisler	3.5	42.6	79.10	.530¢	350.15	271.05	Woods Hybrid
Marshall Buff	3.0	36.5	85.37	.783¢	256.42	171.05	Lowman Yellow
L. H. Buff, Jr.	3.0	34.0	85.37	.837¢	239.70	154.33	Lowman Yellow
Knowlton Hook	3.0	32.8	87.36	.882¢	232.65	145.29	Farm Grown
O. M. Porth	3.0	32.8	90.69	.925¢	230.30	139.61	Woods Hybrid S-210
Robt. Hoy Caughman	3.0	32.6	66.55	.679¢	230.30	163.75	Farm Grown
Totals	24.5		\$631.34	.653¢	\$2505.37	\$1874.03	

Average production bushels per acre..... 39.4 bushels
 Average value per acre..... \$102.26
 Average cost per bushel..... 65.3 cents.

Summary of Corn Production Demonstrations

Bottomland

Name	Acres	Bu. Per Acre	Cost Prod.	Cost Per Bushels	Value Crop	Profit	Varieties
A. A. Richardson	3.0	34.0	\$ 70.90	.695¢	\$239.70	\$168.80	Hastings Prolific
M. M. Shealy	3.0	29.2	115.51	\$1.31	206.80	91.29	Cokers Ellis
Totals	6.0		\$186.41		\$446.50	\$260.09	

Average production bushels per acre... 31.6
 Average value per acre... \$74.42
 Average cost per bushel... .98¢

Average yield Hybrid corn demonstrations per acre..... 47.84 bushels
 Average yield other corn demonstrations per acre..... 39.88 bushels

Small Grain

Three demonstrations in oats production, two in wheat production and two in barley production were completed during the year. Each of these demonstrations were well fertilized, plated with good seed and produced a yield well above the county average.

Legumes for Seed:

Lespedeza for Seed Production: Two demonstrations on lespedeza for seed production were conducted in 1947. Harvesting in each case was done with a combine. A summary of these demonstrations follows:

Summary Lespedeza Seed Demonstrations

Name	Variety	Yield Seed	Acres	Yield lbs per acre	Cost	Value	Profit
Joe Weed	Kobe	6000	12	500	\$114.00	\$900.00	\$786.00
A. A. Richardson	Kobe	3000	10	300	110.00	450.00	\$340.00
Totals		9000	22	800	\$224.00	\$1350.00	\$1126.00
Averages per acre				409	\$10.19	\$61.36	\$51.19

Lespedeza for seed has become a very valuable cash crop in the clay soils of the county where machinery is available to harvest the seed.

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ANIMAL HUSBANDRY

Animal husbandry extension work in Lexington county in 1947 consisted of educational work with swine and beef cattle:

Swine

The program of demonstration work with hogs in 1947 included the placing of purebred hogs, educational work on hog raising and disease control.

Purebred Boars: A total of 22 purebred boars were placed with farmers and 4-H club members during 1947. The county agents assisted these farmers and 4-H club members in selecting these boars as to type and quality. A partial record of these placings is as follows:

Purebred Boars Placed in 1947

Name	No. Boars	Breed
Joe Rawl	1	Duroc
D. B. Thompson	1	Poland China
Clifford Rawl	1	Duroc
Roy Padgett	1	Poland China
A. C. Miller	1	Poland China
E. O. Swygert	1	Berkshire

Purebred and Grade Sows and Gilts: A total of 13 purebred and grade sows and gilts were placed with farmers and 4-H club members during the year. A record of these placings are as follows:

Purebred Sows and Gilts Placed in 1947

Name	No. Gilts	Breed
Murray Seay	1	Duroc
Roy Padgett	2	Poland China
Leonardo Padgett	1	Poland China
D. E. Efird	1	Poland China
A.C. Miller	2	Poland China
Carlos Frick	1	Poland China
F. T. Mathias	1	Berkshire
Weeber Rawl	1	Poland China
Clifford Rawl	1	Duroc
Joe Rawl	1	Duroc
Lee Rawl	1	Poland China

Swine Disease Control: Several outbreaks of cholera has occurred among hogs in the county during the year. The county agents have worked closely with the farmers, local and state veterinarians in vaccinating hogs and other necessary steps in the control of this disease. The state veterinarians office has been contacted by telephone and letters for 65 farmers and at least 450 hogs and pigs have been vaccinated in the county. Nine news articles were published in the local papers urging the farmers of the county to take every possible precaution against this dreaded disease:

Swine Deworming Demonstrations: Five demonstrations on deworming of hogs was given by the county agents during the year with 140 hogs and pigs dewormed at these demonstrations. A summary of these demonstrations follows:

Summary of swine deworming demonstrations

Name	Address	No. Hogs
F. T. Mathias	Lexington, S.C.	50
L. H. Buff	West Columbia, S.C.	5
Evans Shull	West Columbia, S.C.	25
J. Leslie Corley	Lexington, S.C.	25
A.C. Miller	Lexington, S.C.	35
Total		140

In addition to these demonstrations 75 farmers were advised as to best methods of worming hogs and pigs.

Three hog feeding demonstrations were conducted in the county during the year and 40 swine sanitation demonstrations conducted.

BEEF CATTLE

Beef cattle work in 1947 consisted of placing of purebred beef bulls and purebred and grade cows and heifers and educational work in the care and feeding of beef cattle.

Purebred Sires Placed: Six purebred beef bulls were placed with farmers in 1947. These bulls were purchased by these cattle raisers in an effort to produce better grade beef for market. A summary of these placings are as follows:

Summary of Beef Bulls Place in 1947

Name	Address	No Bulls Placed	Breed
Knowlton Hook	Lexington, S.C.	1	Hereford
Clyde Hendrix	Lexington, S.C.	1	Milking Shorthorn
E. H. Salmon	Columbia, S.C. R-2	1	Angus
J.E. Timberlake	Chapin, S.C.	1	Angus
J. A. Caughman	Leesville, S.C.	1	Hereford
Matthew Seay	Lexington	1	Hereford

As a result of extension work in the placing of purebred beef bulls with farmers, the farmers are realizing far greater profits from the sale of beef cattle and the quality of beef marketed is much higher.

Purebred and Grade Cows: Four farmers were assisted during the year in the selection and purchase of sixteen purebred and grade beef cows. A summary of these placings are as follows:

Summary of Purebred and Grade Beef Cows

Name	Address	No. Cows Placed	Breed
Dick Sox	Lexington, S.C.	2	Hereford
J. H. Monts	Lexington, S.C.	1	Hereford
E. M. Corley	West Columbia, S.C.	1	Hereford
E. H. Salmon	Columbia, S.C. R-2	12	Angus

Beef Cattle Feeding Demonstrations: Seventeen 4-H beef feeding demonstrations were conducted during the year. A summary of these feeding demonstrations are listed under 4-H club work.

Beef Cattle Herd Management Demonstrations: Three beef cattle herd management demonstrations were completed during the year on three farms.

DAIRYING

Extension work in dairying in 1947 consisted of educational demonstrations in the placing of purebred sires, and heifers, growing and curing of quality hay, silage production, annual grazing crops, permanent pastures, marketing and milk production for home use.

Purebred Sires Placed: Three farmers were assisted in the selection of purebred dairy bulls during the year. Through the use of purebred dairy bulls on the farms of the county, the quality and production of our dairy cows is steadily being improved. A summary of these placings are as follows:

Summary of Dairy Bulls Placed

Name	Address	No. Bulls	Breed
Ernest Caughman	Lexington, S.C.	1	Guernsey
B. V. Shealy	Leesville, S.C.	1	Guernsey
Ernest Smith	Gilbert	1	Guernsey

Purebred and Grade Cows: Five farmers were assisted during the year in selection and purchase of 15 purebred and grade dairy cows and heifers.

Growing and Curing of Quality Roughages

Growing Hay: This project is discussed under the agronomy section of this report.

Curing Hay: Three demonstrations of curing hay with the new folding racks recommended by the Extension Service were conducted in 1947.

Annual Grazing Crops

Since temporary grazing crops are very important in the economical production of milk in this county, the county agents conducted a special campaign among dairymen in encouraging the production of both summer and winter grazing crops to supplement pastures. Twelve farmers have seeded a small acreage each in alta Fescue during the fall and several more plan to put in some of this fescue during the early spring. Thirty-five farmers are now growing pearl millet, sudan and soybeans for summer grazing of family cows and ten farmers are using recommended year-round annual grazing systems for dairy cattle.

Permanent Pastures

Twenty-eight permanent pasture demonstrations were conducted during the year. Fifty-six farmers have improved 340 acres of permanent pastures during the year through the application of one or more recommended practices. This brings the total number of farms in the county on which permanent pastures have been improved to date through application of one or more recommended practices to 216 with an estimated acreage of 1550 acres which have been improved.

ENTOMOLOGY AND PLANT PATHOLOGY

Boll Weevil Control: Five demonstrations in boll weevil control were conducted during the year with the use of BHC-DDT dust and at each demonstration the results were very favorable. Approximately 1200 acres of cotton were treated with this new dust during the year and about 3,000 acres of cotton were dusted with calcium arsenate. One hundred farmers used liquid poison this year in the control of boll weevils and where properly applied very satisfactory results were obtained.

The usual practice of keeping the farmers informed as to the boll weevil situation was carried out during the year with weekly checks made in both poisoned and unpoisoned plots in representative sections of the county and the results published in the two weekly papers. This method brought out the degree of infestation in unpoisoned and poisoned fields and, at the same time, gave comparisons between poisoned and unpoisoned fields.

Cattle Grub and Lice Control: Twenty demonstrations of treating cattle for the control of lice and grubs were conducted in the county by the county agents with approximately 3,000 cattle treated for lice and grubs during the year. Five demonstrations in the use of DDT for control of flies, lice and grubs were conducted and approximately 250 cattle were treated with DDT during the year.

Miscellaneous Insect and Disease Problems: 750 farmers were assisted during the year with miscellaneous insect problems and 322 farmers were assisted with miscellaneous plant disease problems during the year.

Peach Insect Control: The attention of the peach growers was again called to the importance of the use of Paradichlorobenzine for controlling the root borer of peach trees. Three demonstrations in the use of paradichlorobenzine were conducted in 1947.

Peach tree Jarring Demonstrations: Five demonstrations on jarring of peach trees for the control of curculio were conducted during April. This method of curculio control has proven very beneficial as an aide in addition to the spray schedule for the control of this insect.

Oriental Moth Parasites: A total of 18,750 parasites for the control of the Oriental Fruit Moth were distributed in 20 orchards in the county. These parasites were ordered in the fall of 1946 and were distributed in the orchards on the 19th day of May. All those putting out these parasites believe that they obtained very good results from these parasites in the control of the Oriental Fruit Moth. A summary of the distribution of these parasites is as follows:

Summary of distribution of Oriental Fruit Moth Parasites.

Name	Address	Number Parasites
Carroll Sease	Gilbert, S.C.	2,000
Charles Harmon	Lexington, S.C.	500
C.C. Hendrix	Lexington, S.C.	500
J. A. Sease	Gilbert, S.C.	250
W. P. Rawls	Gilbert, S.C.	3,000
B. Frank Kaiser	Lexington, S.C.	1,000
A. H. Dunbar	Pelion, S.C.	250
Ray W. Dunbar	Pelion, S.C.	250
Walter A. Kleckley	Lexington, S.C.	1,000
A. G. Smith	Lexington, S.C.	5,000
J. A. Kleckley	Gaston, S.C.	1,000
Harley G. Taylor	Gilbert, S.C.	500
F. Beasley Smith	Gilbert, S.C.	750
C. A. Lewis	Gilbert, S.C.	500
M. M. Shealy	Batesburg, S.C.	500
A. Layman Harmon	Lexington, S.C.	250
O. C. Price	Gilbert, S.C.	250
Earl E. Harmon	Gilbert, S.C.	500
A. C. Miller	Lexington, S.C.	250
E. R. McCartha	Lexington, S.C.	500
Totals		18,750

Screw Worm Control: As a result of past educational work by the county agents, methods of screw worm control are generally known among farmers. Benzine and Smear 62 is stock by many of the stores in the county and most livestock producers keep a supply of this material on hand to use as a preventive measure. Timely warnings as to the prevention of infestation and the necessity of prompt treatment were kept before the farmers through press articles and personal contact.

Fence Post Preservation: Four farmers were assisted during the year in securing necessary equipment and starting demonstrations on treatment of pine posts with cresote and fuel oil. Demonstrations of fence post treatment put on in previous years were checked on and the results published.

"Beekeeping"

Transferring Demonstrations: Three demonstrations of transferring bees from old box hives to modern loose-frame hives were given during the year.

Requeening Demonstrations: Five requeening demonstrations were conducted with three beekeepers in the county during the year. All these demonstrations were checked and all queens found alive.

Individual Aid To Beekeepers: Practically all the beekeepers were visited at some time during the year and their hives inspected. Suggestions for improvement were made and the beekeepers seem to appreciate this service.

FORESTRY

Extension work in forestry in 1947 consisted of forest tree plantings, timber estimating and marketing, woodland examinations and recommendations, thinning of young timber and prevention and control of forest fires.

Woodland Examinations and Selective Cuttings: Information was furnished by the county agents and extension foresters on selective cutting of farm woodlands. This work has been very beneficial to the timber owners of the county and many requests have come in during the year for assistance in this work. A total of 2879 acres of woodland was examined on 14 farms by extension and state foresters and these farmers advised as to the best methods of selective cutting and marketing of their timber and pulpwood. A summary of these examinations follows:

Summary of Woodland Examinations

Landowner	Woodland	Acres Marked	Marketing Assistance	
	Examined Acres		Bd. Ft.	Cords
Mrs. C. B. Stroman	104	15		29
D. E. Efird	20	20	65,000	
J. A. Stevenson		80		101
Mrs. L. C. Brooker		78		164
T. L. Huntley	15	13	24,000	
Mrs. H. G. Williams	270			
Mrs. J. H. Feagle	10			
H. T. Harmon	25			
F. A. Lown	360			
N. C. Ridgell	665			
E. H. Salmon	20			
W. H. Cobb	825			
S.C. Opportunity Sch.	500			
Albert Rish	65			
Totals	2,879	206	89,000	294

Tree Planting: Through special provision of the State Legislature seedlings were available up to 5,000 to landowners under certain conditions for payment of fifty cents per thousand express charges. These seedlings were grown in the nursery operated by the S.C. State Commission of Forestry. The county agents received orders from farmers of Lexington county for 9,000 pine seedlings under this provision. These seedlings were received and planted in the county in the early spring. A summary of these plantings are as follows:

Summary of Pine Seedling Plantings

Landowner	address	loblolly	Slash
Odell Kaminer	Leesville		2,000
Ben W. Poole	Pelion	5,000	
Horace Shull	Lexington		2,000

Arbor Day Programs: Thirteen Arbor Day programs sponsored by the Clemson Extension Service, The State Commission of Forestry and the Crown Cork and Seal Company of Baltimore, Maryland and assisted by 4-H, FFA, Boy Scouts and School Pupils under the guidance of the county agents were held at 12 Lexington county schools and at the County Court House with an attendance of 2416, men, women, boys and girls. Cork Oak seedlings given by the Crown Cork and Seal Company of Baltimore, Maryland were planted at each of these schools and at the Court House. A summary of these Arbor Day programs are as follows:

Summary of Arbor Day Programs in Lexington County

Schools	Attendance	Groups Assisting
Pine View	30	4-H clubs and School pupils
Oak Grove	64	4-H clubs and school pupils
Swansea	450	4-H clubs and school pupils
Pelion	200	4-H clubs, FFA, and pupils
Chapin	147	4-H clubs and school pupils
Irmo	30	4-H clubs and school pupils
Congaree	120	4-H clubs and school pupils
Fairview	136	4-H clubs and school pupils
Red Bank	45	4-H clubs and school pupils
Gilbert	309	4-H clubs, FFA, and pupils
Batesburg	275	4-H clubs, Boy scouts and pupils
Lexington	60	4-H clubs, High School Band and others
Brooklyn-cayce	550	FFA and school pupils.

ALL of the school programs were arranged by the assistant county agent and a great deal of interest were shown by the schools in planting and protection of the cork oak seedlings. In addition to these plantings cork oak acorns were distributed to all 4-H club members in the county. These acorns were planted and many of the 4-H members report a fair germination.

4-H Club work: Forest instruction were given all Lexington county 4-H club members attending camp this year.

Rural Fire Prevention Program: Extension work on rural fire prevention consisted of publicity and 4-H programs. News articles and book markers were used in pressing on the farmers the importance of fire prevention. The County agents cooperated in every way possible with the local fire wardens in the prevention and control of forest fires in the county.

Marketing: A list of all sawmills operating in the county was brought up-to-date and tabulated during the year. This gives us a complete record of the operating sawmills which is valuable information to have on marketing forest products.

The pulpwood directory giving pulpwood specifications and names of buyers and other information was brought up-to-date and was made available to Lexington county farmers. This constituted a valuable service to farmers having pulpwood for sale in referring them to pulpwood buyers operating in the county.

Prices of pulpwood, poles and other forest products were kept up-to date and were furnished farmers requesting such information.

Publications: Leaflets on "Longer Life For Fence Posts" and "Planted Pines Pay" were furnished all farmers requesting information on these subjects.

112 copies of the bulletin "Minimum Cutting Practices" were distributed to the farmers of the county during the year.

4-H CLUB WORK

Boys' 4-H club work was conducted in twelve communities in Lexington county with an enrollment of 251 farm boys. Each club is in charge of a local leader, and regular meetings are held monthly with each club.

Summary of 4-H Enrollment: Following is given a list of the clubs and a summary of enrollment:

Summary of 4-H Enrollment

Name of Club	Number of members Enrolled
Red Bank	12
Chapin	20
Fairview	21
Gilbert	22
Lexington	15
Congaree	16
Irmo	21
Swansea	31
Pine View	15
Oak Grove	10
Pelion	31
Batesburg	37
<u>Totals</u>	<u>251</u>

Summary of 4-H club Demonstrations: Following is a list of 4-H club demonstrations completed in 1947:

Summary of Completed Demonstrations

Demonstrations	No. Completed	Value		
		Products	Cost	Profit
Pigs (fattening)	43	\$2455.75	\$1710.63	\$745.12
Pigs (Breeding)	1	290.00	191.00	99.00
Calf (Beef)	20	3174.20	2412.79	761.41
Poultry	27	1361.00	968.13	392.87
Cotton	2	425.20	245.00	180.20
Garden	5	214.00	57.00	157.00
Sweet Potato	5	828.90	453.60	375.30
Corn Club	8	487.65	223.62	264.03
<u>Totals</u>	<u>111</u>	<u>\$9236.70</u>	<u>\$6261.77</u>	<u>\$2974.93</u>

This summary shows that the 4-H clubs boys completing 111 demonstrations produced farm products to the value of \$9236.70 at a cost of \$6261.77 leaving a profit of \$2974.93.

4-H Pig Club Records

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

Summary of 4-H Pig Records

Name	Number Animals	Days Fed	Gain in Wt.	Total Value	Total Cost	Profit
Joel Dale Bouknight	1	159	170	\$ 48.00	\$19.13	\$28.87
Harold Bickley	1	160	200	38.00	35.00	3.00
Carl Connelly	1	270	300	50.00	35.00	15.00
Thomas Monts	1	240	200	36.00	30.00	6.00
W. E. Derrick	1	240	200	40.00	30.00	10.00
John Earl Bundrick	1	270	250	50.00	35.00	15.00
Donald Amick	1	210	200	40.00	25.00	15.00
John Paul Butler	1	150	150	30.00	25.00	5.00
Guy Slice	1	240	200	40.00	25.00	15.00
Billy Gene Stone	2	220	400	100.00	60.00	40.00
Francis Kennerly	2	210	500	100.00	50.50	49.50
Benny Ray Williams	1	75	100	15.00	12.00	3.00
Sherrell Jackson	1	220	350	80.00	62.00	18.00
Francis Herlong	1	250	375	80.00	50.50	29.50
Milton Smith	1	315	425	110.00	80.50	29.50
Hollie Jumper	1	210	250	50.00	30.00	20.00
Jimmie Kirkland	1	180	200	40.00	24.00	16.00
W. A. Shealy	1	30	40	8.00	3.00	5.00
L. G. Glenn	1	35	60	15.00	8.00	7.00
Billy Ray Shumpert	1	175	200	40.00	15.00	25.00
Brice Sturkie	1	220	250	50.00	35.00	15.00
Willie Williamson	1	170	200	35.00	25.00	10.00
Johnny White	1	55	80	12.75	6.00	6.75
Kendall Gunter	1	185	225	80.00	65.00	15.00
Clyde Thompson	1	250	325	60.00	45.00	15.00
Clifford P. Smith	1	220	265	50.00	30.00	20.00
Buddy Thompson	1	140	175	30.00	15.00	15.00
Nelson Howard	2	110	300	40.00	15.00	25.00
George Gunter	1	240	265	52.00	35.00	17.00
Bobby Miller	1	270	375	98.00	90.00	8.00
Leonardo Padgett	9	195	2475	495.00	400.00	95.00
Raymond Kyzer	1	100	125	49.00	40.00	9.00
Newton Bannister	1	250	220	52.00	40.00	12.00
Dicky Harrison	1	200	225	40.00	25.00	15.00
Clayton Shull	1	250	320	75.00	60.00	15.00
Jimmy Sloan	1	150	200	40.00	25.00	15.00
Robert Sease	1	41	25	15.00	10.00	5.00
Frank Monts	1	32	30	12.00	10.00	2.00
Herman Gable	1	61	90	25.00	15.00	10.00
Lindon Davis	1	65	100	25.00	10.00	15.00
Carl Edward Rawl	1	130	150	30.00	15.00	15.00
Junior Davis	1	130	150	30.00	15.00	15.00
Ebbie Taylor	1	175	225	50.00	30.00	20.00
Totals	54	7530	12265	\$2455.75	\$1710.63	\$745.12

Summary of Sweet Potato Records

Name of Member	No. of Acres	Yield Bushels	Total Value	Total Cost	Profit
Carl E. Keisler	3/4	180	\$247.50	\$127.95	\$119.55
Charles Shumpert	3/4	185	247.50	127.95	119.55
Barrie Dunbar	1	173	213.90	137.70	76.20
Kenneth Jeffcoat	1/4	20	30.00	15.00	15.00
Hubert Adkins	1/2	45	90.00	45.00	45.00
Totals	3 1/4	603	\$828.90	\$453.60	\$375.30

Summary of 4-H Garden Club Records

Name of Members	No. of Acres	Total Value	Total Cost	Profit
Duane Cook	1	\$50.00	\$15.00	\$35.00
Franklin Meetze	2	100.00	25.00	75.00
James Mack	1/2	25.00	5.00	20.00
Bobbie Duncan	1	26.00	8.00	18.00
Roy Smith	3/4	13.00	4.00	9.00
Totals	5 1/4	\$214.00	\$57.00	\$157.00

Summary of 4-H Poultry Records

Name of Member	No. Chicksbought	Total Value	Total Cost	Profit
Marshall Buff	100	\$89.70	\$67.45	\$22.25
Owen Comalander	100	145.00	100.00	45.00
Donnie Huffstetler	25	25.00	20.00	5.00
Carl Chapman	25	20.00	10.00	10.00
Jimmy Summers	100	75.00	50.00	25.00
Donnell Fulmer	100	95.00	90.00	5.00
Stanley Reed	100	80.00	35.00	45.00
Roger Cushman	50	40.00	25.00	14.00
John Richard Hulon	6	9.00	5.00	4.00
Arthur Cartee	10	10.00	4.50	5.50
Grady Harmon	13	25.00	20.00	5.00
Paul Howard	45	40.00	20.00	20.00
Clyde Howard	45	40.00	20.00	20.00
Major Smith	35	35.00	20.00	15.00
Aubrey Derrick	50	60.00	45.00	15.00
W. H. Roof	50	65.00	50.00	15.00
Bobbie Senn	10	12.00	6.18	5.82
Richard Hiller	20	20.00	18.00	2.00
Bobby Cook	102	131.90	84.00	47.90
Lavone Derrick	24	10.00	15.00	5.00 loss
Carl Keisler	100	21.50	35.00	13.50 loss
Raymond Kaminer	100	80.90	78.50	2.40
Jimmy Rankin	100	75.00	56.00	19.00
Teddy Danielson	50	45.00	32.00	13.00
Sumter Lewis	50	38.00	27.00	11.00
Roy Smith	40	38.00	18.50	19.50
Ellis Shealy	45	35.00	15.00	20.00
Totals	1500	\$1361.00	\$968.13	\$392.87

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Summary Sow and Litter Records

Name	No. Pigs Farrowed	No. Pigs Raised	Value	Cost	Profit
Carlos Frick	7	7	\$290.00	\$191.00	\$99.00

Summary 4-H Calf Club Records

Names of Members	No. Calves	Days Fed	Gain in Wt.	Total Value	Total Cost	Profit
John Carroll Swygert	1	365	400	\$ 75.00	\$ 50.00	\$25.00
Noah Derrick	1	300	400	60.00	35.00	25.00
Davis Gefferies	1	350	350	100.00	65.00	35.00
Douglas Comalander	1	305	200	75.00	45.00	30.00
Willie Lee Corley	1	165	140	127.48	115.80	11.68
John Franklin Lindler	1	300	250	50.00	20.00	30.00
Frank Poole, Jr.	2	350	810	397.32	299.05	98.27
H. D. Drafts	1	155	210	166.61	187.97	21.36 loss
Billie Kennerly	1	210	413	220.23	167.20	53.03
Jane Grey Kennerly	1	210	315	178.48	150.55	27.93
Roy Drafts	1	180	275	158.54	171.22	12.68 loss
John William Rabon	1	300	350	125.00	65.00	60.00
Murray Wilson	1	250	400	65.00	48.00	17.00
Leonardo Padgett	2	220	750	388.75	295.00	93.75
Junior Gunter	2	220	725	384.20	295.00	89.20
Marshall Buff	1	220	370	150.15	125.00	25.15
L. H. Buff, Jr.	2	250	670	277.44	198.00	79.44
Earl Addy	1	220	350	50.00	20.00	30.00
Brooks Smith, Jr.	1	225	300	75.00	25.00	50.00
Dwight Derrick	1	240	450	50.00	35.00	15.00
Totals	24	5035	8134	\$3174.20	\$2412.79	\$761.41

Summary 4-H Cotton Records

Name of member	No. Acres	Pounds Seed Cotton	Pounds Lint Cotton	Value	Cost	Profit
Floyd Langford	2	1800	735	\$275.20	\$195.00	\$80.20
Billy Shealy	1	1200	435	150.00	50.00	100.00
Totals	3	3000	1170	\$425.20	\$245.00	\$180.20

Summary 4-H Corn Records

Name of members	No. Acres	Yield Bushels	Total Value	Total Cost	Profit
Carl E. Keisler	1	25	\$50.00	\$25.00	\$25.00
Charles Shumpert	1	25	50.00	25.00	25.00
Thurmond Saylor	1 $\frac{1}{4}$	20	42.25	25.62	16.63
Whitney Williams	1 $\frac{1}{4}$	35	70.00	32.00	38.00
Tabo King	1 $\frac{1}{2}$	38	93.40	35.00	58.40
Lenard Taylor	2	30	40.00	9.00	31.00
David Epting	2 $\frac{1}{2}$	46	92.00	50.00	42.00
Alvin Lorick	3/4	25	50.00	22.00	28.00
Totals	11 3/4	244	\$487.65	\$223.62	\$264.03

HORTICULTURE

Extension work in Horticulture in Lexington county in 1947 consisted of publicity and demonstrations with home gardens, truck crops, sweet potatoes, home and commercial orchards.

Gardens

Home Gardens: Information on home gardens was presented to the farmers of the county through farm visits, personal contacts and six news articles. Five home garden demonstrations were conducted in the county during the year and fifteen hundred farmers advised as to the proper insecticides for use in control of miscellaneous insects on truck crops.

Truck and Market Gardens: Eight truck and market garden demonstrations were completed during the year. Each of these demonstrations showed considerable profit to be derived from growing of vegetables in this county.

Sweet Potatoes

Sweet potato demonstration work included fire-heated hotbeds, securing of certified sweet potato seed, sweet potato digging demonstrations and sweet potato production.

Fire-heated hotbeds: As a result of demonstration work in the construction and use of fire-heated hot beds a total of 43 were used to grow plants in Lexington county this year. These beds produced an estimated 5,600,000 plants this year and are the best means of getting the sweet potato crop in early.

In addition to the fire-heated hotbeds, seventy-five manure heated beds were used. These beds produced an estimated 1,000,000 plants during the season.

Sweet Potato Digging Demonstration: One sweet potato digging demonstration was conducted near Pelion this fall with an attendance of 30 interested potato growers. Both the Howard Rotary Digger and a middle-buster was used in this demonstration.

Sweet Potato Production: Twelve demonstrations in the production of sweet potatoes were conducted in the county. Two hundred and forty-five bushels of certified sweet potato seed were obtained from the Edisto Station for 77 farmers. Twelve news articles on sweet potato production were published in the two county papers during the year.

Sweet Potato Curing Houses: A 5,000 bushel capacity cooperative sweet potato curing house was constructed at Pelion this year. This gives us three of the new type sweet potato curing houses in use in the county.

Truck Crops

Extension work with truck crops consisted of publicity on best varieties of seed, control of diseases and insects and in marketing, grading and packing of vegetables. The county agents have worked closely with the truck growers of the county in grading and packing vegetables and as a result these farmers are realizing more profit from the sale of vegetables.

Five tomato enterprise demonstrations were completed, two in the production of watermelons and two in the production of cantaloupes. Five demonstrations in the production of miscellaneous truck crops were also completed.

Home and Commercial Orchards

Work with home orchardists and commercial peach growers in 1947 consisted of fertilizer demonstrations, pruning demonstrations, thinning demonstrations and orchard cover crops.

Pruning Demonstrations: Three orchard pruning demonstrations were conducted during the year. All were well attended by interested peach growers who were eager to learn the new methods of pruning.

Spraying Demonstrations: Eight home orchardists were advised as to the purchase of spray materials and assisted in following the spray schedule. These farmers followed the spray schedule and were very much pleased with the results obtained.

Thinning Demonstrations: Eight peach thinning demonstrations were conducted by the county agents among our commercial orchardists. Peach growers doing a thorough job of thinning produced fruit of desirable size and color.

Fertilizer Demonstrations: Twelve orchard fertilizer demonstrations were conducted in the county and results checked. As a result of educational work by the extension service, the commercial peach growers of the county have greatly increased fertilizer practices and as a result are producing better quality peaches and at the same time increasing the life of their orchards.

Orchard Cover Crop Demonstrations: Five orchard cover crop demonstrations were completed during the year. Most of the commercial orchardists in the county now seed their orchards in winter cover crops and are receiving considerable benefits from this practice.

Meetings of Peach Growers: Three meetings of peach growers were conducted in 1947 with an attendance of 104 very interested growers. At the meetings various problems of peach production was discussed by extension specialist and all growers attending felt that they were well paid for the time spent at these meetings.

MARKETING

Extension work in marketing for 1947 consisted of demonstrations in grading and packing of farm produce, grooming cattle for show and sale and in assisting farmers in selecting and purchasing breeding stock, and in purchasing and selling seeds, plants, insecticides, etc.

Grading and Packing: One demonstration in grading and packing of peaches was conducted in one of the peach sheds of the county. The county agents have worked closely with the growers of fruits and vegetables in the interest of improving the grade and pack of these products offered for sale. Farm visits were made during the year and farmers advised through news articles of the necessity of putting our produce up in a more attractive manner.

Grooming Demonstration: Four beef cattle grooming demonstrations were conducted during the year with 4-H club members. These demonstrations were of great help to these boys and girls in grooming and showing their calves at the Fat Stock Show and Sale in April.

Marketing of Surplus Farm Products: The county agents assisted the farmers and 4-H club members throughout the year in marketing surplus farm produce and in purchasing farm supplies, breeding stock, plants, seeds, and other materials needed on the farm. The marketing service was kept informed of surplus produce being offered for sale in the county and the farmers kept advised on prices being offered for goods on the local markets. A summary of farm produce in which the county agents assisted the farmers and 4-H club members in selling and buying is as follows:

Summary of Marketing Work, -1947

Products	Quantity	Bought	Sold
Hogs, (Meat)	19 head		\$975.00
Beef Cattle (Meat)	53 head		\$10816.46
Hogs (Breeding)	9 head	\$615.00	
Beef Cattle (Breeding)	5 head	\$860.00	
Poultry	168 pullets		\$281.45
Baby chicks	1400	\$224.00	
Queen Bees	5	7.50	
Sweet Potatoes	245 Bushels	\$857.50	
Corn seed	10 bushels	90.00	
Cotton seed	2900 pounds	\$362.50	
Lespedeza seed	2000 lbs.		\$320.00
Kudzue Crowns	28500	\$342.00	
Timber or Lumber	89000 bd. ft.		\$1780.00
Pulpwood	294 units		\$1176.00
Oriental Moth Parasites	18750 parasites	\$298.13.	
TOTALS		\$3656.63	\$15348.91
Total value of products bought and sold			\$19005.54

POULTRY

Extension work in poultry in Lexington county consisted of vaccination demonstrations, culling demonstrations, poultry insect and disease control and growing healthy chickens with the 4-H clubs.

Vaccination Demonstrations of Poultry: Twenty-nine poultry vaccination demonstrations for chicken pox were given in 1947 and the results checked. Very few outbreaks of chicken pox were found among the poultry vaccinated. A summary of these vaccination demonstrations follows:

Summary Poultry Vaccination Demonstrations

Name	Address	No. Birds Vaccinated
Otto Reenstjerna	Lexington, S.C.	150
Lucile Corley	Irmo, S.C.	75
John Corley	R-2, Columbia, S.C.	50
James Corley	R-2, Columbia, S.C.	50
H. R. Sales	Lexington, S.C.	50
Mrs. Maze Price	Lexington, S.C.	50
Mrs. J. E. Weese	Lexington, S.C.	50
Mrs. A. Gamble	Lexington, S.C.	25
Henry W. Keisler	Lexington, S.C. R-2	125
J. J. Seay	Lexington, S.C. R-2	200
Bernard Seay	Lexington, S.C. R-2	125
D. I. Wingard	Lexington, S.C. R-1	500
Miss Jennie Wingard	Lexington, S.C. R-1	200
Harley Taylor	Gilbert, S.C.	125
C. A. Wingard	Lexington, S.C. R-2	120
Vera Thompson	Lexington, S.C. R-2	14
Lucile Campbell	Leesville, S.C.	40
Patricia Black	Leesville, S.C.	40
Jo Ann Lucas	Leesville, S.C.	50
Leonara Senterfeit	Leesville, S.C.	90
Shirley Burgess	Columbia, S.C. R-2	20
Jimmy Rankin	Batesburg, S.C.	60
Richard Kaminer	Lexington, S.C.	79
Owen Comalander	Chapin, S.C.	30
Bobby Cook	Columbia, S.C. R-2	51
Darnell Fulmer	Swansea, S.C.	31
Carl Keisler	Pelion, S.C.	16
Marshall Buff	West Columbia, S.C.	54
Totals		2508

Poultry vaccination for chicken pox has become a general practice in Lexington county among our larger poultry producers as our poultrymen have found that the practice will prevent the disease and enable them to carry healthy vigorous layers throughout the winter with less trouble from fowl pox, roup and other diseases. A majority of our larger poultry growers vaccinate their own flock and some vaccination is done by hatcheries, feed salesmen and agricultural teachers. A summary of the last five years of vaccination demonstrations in Lexington county are as follows:

Summary of Poultry Vaccination Demonstrations 1943-1947

Year	Number Demonstrations	No. Birds Vaccinated
1943	3	375
1944	3	300
1945	4	325
1946	7	1400
1947	29	2508
Totals	46	4908

Culling Demonstrations: Four culling demonstrations of poultry were conducted in 1947 on four farms. Poultry culling has become an important factor in economical production of poultry and poultry products in Lexington county. A summary of these poultry culling demonstrations are as follows:

Summary of poultry Culling Demonstrations C.M.

Name	Address	Number Birds
John Corley	Columbia, S.C. R-2	50
James Corley	Columbia, S.C. R-2	50
Lucile Corley	Columbia, S.C. R-2	75
H. R. Sales	Lexington, S.C.	50
Totals		225

Poultry Insect and Disease Control: Eleven news articles were published during the year on poultry insect and disease control and 400 farmers were assisted in controlling diseases and internal parasites. Five poultry deworming demonstrations were conducted by the county agents during the year.

VISUAL INSTRUCTION

Visual instruction work for the year consisted of the use of educational motion pictures, film strips, photographs, and charts and maps.

Educational Motion Pictures: Educational motion pictures were used at forty-two farmers' meetings and 4-H club meetings with a combined attendance of 3041 people. Thirty-nine showings of educational motion pictures were shown with projector assigned to the county agent's office and three were shown with a projector assigned to the Soil Conservation Service. These motion pictures are valuable in teaching agricultural practices, and in increasing attendance at farmers' meetings.

Film strips and slides were shown at two farmers' meetings with an attendance of 437 farm people.

Models of farm and home equipment were used in one meeting with an attendance of 517 farm people.

Charts and maps were used in 16 farmers' meetings, attended by 984 farm people.

Summary Use of Visual Instruction Aids

Visual Aid Used	No. Meetings	Attendance
Motion Pictures	42	3041
Film strips and slides	2	437
Models of farm and home equipment	1	517
Charts and maps	16	984
Totals	61	4979

PRODUCTION AND MARKETING ADMINISTRATION ACTIVITIES

Following is a summary of the educational activities of the county agents in connection with the 'Production and Marketing Administrations' program in Lexington county during 1947

Summary Production and Marketing Administration Activities

Days devoted to PMA activities	13
Number training meetings for committeemen	1
Number farm visits made re: PMA matters	15
Number news articles published re: PMA	5
Number individual letters written re: PMA	35
Number office calls re: PMA program	980

The county agents' work with the PMA program during the year consisted largely of educational phases of the program in keeping the farmers of the county informed of the benefits offered by this organization and in urging them to take full advantage of these benefits especially those offered solely for the improvement and conservation of our soils. Also in assisting farmers in the selection of suitable soil building practices for the various soils of the county.

Farmers of the county are very much interested in the soil conservation benefits offered through the PMA and especially lime, superphosphate and winter cover crop seeds, which are offered as a grant of aid. The county agents have worked diligently with the farmers in securing these grants of aid and as a result orders have been placed by Lexington county farmers for the following:

Summary of PMA Conservation Activities

Number farmers ordering lime	192
Tons of lime ordered by these farmers	1650
Number farmers ordering superphosphate	260
Tons of superphosphate ordered	685.4
Number farmers ordering Austrain winter peas	82
Pounds of Austrain Winter peas ordered	20,100
Number farmers ordering Dixie Wonder Peas	123
Pounds of Dixie Wonder Peas ordered	545,000
Number farmers ordering Vetch seed	52
Pounds of Vetch seed ordered	8,000
Number of farmers ordering Blue Lupine	4
Pounds of Blue Lupine seed ordered	3,600

December 16, 1946

"Essay Contest On "Our Land" In High Schools"

In a few days an official announcement will be issued on a essay contest sponsored by the Soil Conservation District and the South Carolina Bankers' association. This is a most worthy subject for a contest open to all the high schools in the state. We are dependent on "Our Land" for all our food, clothing and many other essentials and our future health, wealth and happiness. We cannot lay too much emphasis on soil conservation and we trust that the authorities in our high schools will take advantage of the opportunity of available literature to see that a large percentage of our high school boys and girls enter. This is particularly true in our rural schools of which all in Lexington county can be considered rural.

In spite of the information gained since the early studies of "Laws and Gilbert" a few hundred years ago, we yet have a great deal to learn about conservation and treating our soils for greatest efficiency. For years we have known that additional applications of nitrogen, phosphorus and potash were necessary to obtain economical yields, however it is just in the last few years that we have found it necessary to add lime, magnesium, manganese, iron, borax, etc. on certain of our soils for specific crops.

We commend the sponsors of this contest and hope that it will secure the cooperation and wholehearted support which it deserves. The prizes, when announced, will be a real incentive.

"Good Attendance At Arbor Day Programs"

Complete returns from the Arbor Day exercises at 13 schools in the county where cork oak trees were planted show that 2416 people attended.

We hope that as the younger generation grows up more interest will be taken in trees and forest preservation. The present high price of lumber is a major indication of the necessity of more interest in the preservation of our timber. Lexington county landowners have taken considerable interest in planting pine seedlings and we hope after this year there will be abundance of seedlings to supply the large and growing demand.

"1947 Fertilizer Supply"

The outlook for an abundant fertilizer supply was none too promising prior to the coal strike and this supply was reduced as a result of the strike--for example each day of the strike meant the loss of approximately 125,000 to 150,000 units of nitrogen. Farmers are urged to produce more home-made nitrogen or compost and to order their commercial fertilizer without delay.

Prior to the coal strike it was estimated that the 1946-1947 supply of fertilizers for the United States would show an increase over the 1945-1946 as follows: Nitrogen- 2 percent; phosphoric acid--14 percent; and potash 5 percent. However, with this possible slight increase it doesn't mean that our South Carolina farmers will get an increase. Other sections of the United States are using much more fertilizer than they normally used and we in this state are taking advantage of the scarcity and high price of labor by using more fertilizer on the acres we are cultivating in order to maintain or increase our production. It pays to fertilize and fertilize liberally but we must use our available supply of plant food wisely and economically. Place orders without delay if they have not been already placed.

"Culling Poultry"

We would advise our poultry growers to cull out non-laying hens and get them to market immediately. Feed is too high to keep up non-laying hens. Prices have been quoted up to 30 cents a pound which is too attractive to take chances on. The peak of egg prices has probably been reached for the season and we may expect a downward trend quite early in the new year if not before. Lets' cull and sell the hens while we can get a good price for them.

R. H. Sams, assistant county agent and S. E. Evans, county agent will attend a meeting at the Truck Experiment Station near Charleston Tuesday and Wednesday of this week.

Farm Demonstration News
By S. E. Evans
County Agent

January 21, 1947

"Five-Acre Cotton Contest"

We congratulate the county winners in the 5-Acre cotton contest, W. G. King with a yield of 4505 pounds of lint and C. A. Bachman with a yield of 4210 pounds of lint. Both planted Coker 100 Wilt resistant Strain 3. It is no small accomplishment for farmers in Lexington county to produce nine or eight and one-half bales respectively on five acres under seasonal conditions which prevailed during the growing season of 1946.

R. Tillman Jackson came third in the county with a yield of 4050 pounds, Seburn E. Williams 3990 pounds; Tot Phillips and W. G. King 3885 pounds; Purvis H. Bedenbaugh 3815 pounds; D. Ed Etheridge 3815 pounds; Joseph L. Shealy 3625 pounds; Berly V. Shealy 3525 pounds, Frank L. Poole and L. L. Blackwell 3580 pounds; Ryan T. Jackson, Jr. 3265 pounds, H. P. Jackson 3145 pounds; C. A. Padgett 2325 pounds and Dora Redmond with 1495 pounds of lint from the 5 acres. The fourteen contestants in the county averaged 3516.4 pounds of lint cotton on five acres. We consider this a worthwhile accomplishment on the part of all of these contestants.

J. Harvey Hecley of Smith Turnout, Chester County produced a world's record of 8275 pounds of lint on five acres or $3\frac{1}{2}$ bales per acre.

This state contest has contributed a great deal to the economical production of cotton in South Carolina as well as bringing to the forefront cotton of superior quality. Farmers throughout the state are falling in line and growing varieties which have been leading in this contest for years. The contest has aided in the stabilizing of varieties to such an extent that one of the outstanding breeders of this state, whose cotton has led not only in the South Carolina contest but in other states for the past several years, is limiting their breeding to two varieties of cotton, one of medium length $1\frac{1}{16}$ and the other long staple of approximately $1\frac{3}{16}$ to $1\frac{1}{4}$.

Announcement was made at the awarding of prizes last Thursday that funds had been made available for both the state and county prizes for 1947. We urge our cotton growers to enter this contest and place orders for good seed immediately. We have in sight sufficient seed for probably a dozen contestants and it may be possible to get more if orders are placed with us or the dealers during the next few days. A discount is given by some of the breeders for five acre contest plots. Let us hear from those interested.

"Treating Fence Post"

For several years our farmers have been interested in treating fence posts to give more lasting benefits to their fencing program. From tests conducted throughout the state over a long period of years, we find nothing better than using a mixture of equal parts of common fuel oil and creosote. The posts should be cut, peeled and dried under a shed for at least two to three months than soaked in the fuel oil and creosote from twelve to twenty-four hours.

Some sixteen or seventeen years ago, Mr. Harry Hendrix of this county treated 500 fence posts using gas tar and after fifteen years service only one post had to be replaced. This is one of the outstanding examples of treated posts in South Carolina.

We only need to use our sap pine poles and treat as mentioned above. We would suggest cutting the top section as though we were partly splitting an eight foot gas drum to soak the post in. Heating is not necessary. Lets save labor and timber by properly treating the fence posts.

"5-Acre Timber Thinning Contest"

We again call attention to the fact that the period for the 5-Acre Timber Thinning Contest will end March 1st. A \$25.00 premium is given to the winner in each county and a second prize of \$10.00 and third prize of \$5.00. We would like to see many of our farmers enter this contest. The thinning must be done by the owner or if the work is being hired the landowner is supposed to mark the trees to be cut by hired labor.

In the thinning of our woodland we get the opportunity to use the current material for fuel, pulpwood or fence post. In addition to the prizes given for the thinning contest, the A. A. A. program provides for \$5.00 per acre benefits where the timber is properly thinned in accordance with their specifications.

"Fat Stock Show"

The Orangeburg Fat Stock Show and sale which is to be held on April 24th and 25th is open to all livestock producers, 4-H club members and FFA boys. Hogs can be entered in this show with liberal prizes for fat barrows and gilts individually and pens of three. Individual awards for barrows and gilts up to \$15.00 and pens of three up to \$20.00. We would like to see our 4-H club members, FFA boys and adult farmers enter this contest. The Columbia Fat Stock Show has not in the past provided premiums on hogs.

"Enriched Grits Available Now"

A little over a month ago South Carolina's degerminated grits enrichment law was reenforced after having been suspended in lat August because of a severe shortage of corn. Recent observation in grocery stores show that enriched grits as well as enriched corn meal are now available in large quantities in most stores. Degerminated grits which are shipped into the state are now plentifully available in the enriched form.

Millers from many different parts of the state are writing Clemson College for information and for enrichment feeders for their mills, in order that they might begin producing enriched corn meal and grits, says Dr. E. J. Lease, Clemson nutrition authority. Millers who already have enrichment equipment are ordering new supplies of enrichment ingredients and are beginning to grind the new corn. Several millers say they cannot sell meal and grits unless they are enriched because their customers demand enriched products.

There are now approximately 200 mills enriching meal and grits in South Carolina, Dr. Lease points out. Lexington county now has four mills using the enrichment attachment which adds materially to the value of our meal and grits.

Farm Demonstration News

By S. E. Evans

County Agent

April 3, 1947

"Farm and Home Labor Saving Show"

The Extension Service with the cooperation of farm implement dealers, electric supply dealers and other agencies are putting on one of the most outstanding labor saving shows ever displayed in this section today, Thursday April 3rd, in the Columbia Township Auditorium. This show will be open from 10:00 A. M. until 8:00 P.M.. Lexington county farmers and housewives are particularly invited to attend this interesting and instructive show. We hope that several hundred will take advantage of this opportunity.

"Fat Stock Show and Sale"

Tomorrow, Friday the 4th, the fat stock show and sale at Fairwold will be held. Approximately twenty 4-H club members will exhibit their fat calves. Several F.F.A. calves from this county will also be in the show.

Local buyers are urged to attend the sale and buy some of these outstanding calves. No better beef will be offered in this section for some months to come and should be attractive buys for freezer lockers and local meat markets.

"Hybrid Corn"

With the renewed interest in high yields and greater production stimulated by the liberal prizes for corn production in this county this year, every farmer should make a desparate effort to secure high yielding strains. The acreage of hybrid corn has increased in this section during the past few years. Perhaps ten percent of the corn grown in some sections of South Carolina has been of some of the hybrid strains, however, in the nation as a whole well above sixty percent has been of these high yielding strains.

It takes seven years to develop a strain of hybrid corn. Our breeders were late in beginning this important work and we are still without a strain bred here and better adapted to our conditions, however, many of the strains tested far outyielded our old strains of corn.

The breeders change their pedigreed numbers so frequently that it is hard to say which of the available strains for 1947 are the most desirable. Those in recent tests and now available are: Wood's Hybrid W-60; North Carolina 1111; North Carolina 26; Wood's S-210 A; Woods' S-315; Funk's G-714; Funks G-713; Funk's G-717; Green's Hybrid-2-W or Tennessee No. 10 and several others which are very promising. I would not advise a farmer to grow his entire acreage in hybrid this year, however, I do think it advisable for most farmers to plant some of the better hybrids. There is no question about some of them being superior in production and superior in drought resistance to our old strains. Yet some of the varieties are soft, years not well covered, resulting in heavy weevil damage which has been so common to most varieties during the past few years. I would advise farmers to secure their needs without delay in order to plant what they desire and at the proper time, for hogs as well as other livestock and poultry.

"Farm Bureau Meeting"

There will be a meeting of the directors of the Lexington County Farm Bureau in the court house Monday night April 7th at 8 o'clock. All Agricultural Teachers of the county are invited and urged to attend this important meeting.

"Lexington County 4-H Council Meeting"

The meeting of the Lexington County 4-H council here in the Carolina Theater last Saturday was the most enthusiastic club meeting ever held in Lexington county. More than 350 club members and local leaders attended this meeting.

We wish to extend our sincere thanks to Mr. Horry Wessinger for the use of the theater and to the many club leaders, teachers and school authorities who made this fine meeting possible. Such cooperation leads to higher potential citizenship.

"Farm Demonstration News"

By S. E. Evans
County Agent

April 17, 1947

"Order Lime and Phosphate Now"

P. D. Rush, County Administrative Officer, AAA tells me that orders for only 663 tons of lime have been placed by farmers of Lexington county this year. Last year more than \$23,000 of unearned benefits, intended for Lexington County, went back to the Federal Treasury. This sum of money would have made the governments' contribution for almost 8,000 tons of lime. Applying at a ton to the acre it would have supplied enough for eight to nine percent of the cultivated farm land in this county.

Where minerals are added to the soil the resultant crops are much higher in feed value and particularly higher in mineral content. Too much emphasis cannot be placed on supplying the needed mineral elements for our soil and supplements for our livestock and poultry.

The AAA office is now prepared to receive purchase orders for lime and phosphate. Orders have to accumulate in sufficient quantities to make reasonable carlot shipments in the respective sections of the county to warrant distribution at a reasonable cost. Let your orders for lime come in without delay. Those who expect to apply it in preparation for small grain in the fall need to place their orders now and let them be going through the regular channels. We are not dealing fair by future generations when we fail to do our utmost to build the soil for future economic production.

"Building Farm Fences"

With the few days of warm weather and abundance of rain, our many improved pastures are showing up wonderfully well. Abundance of feed is provided on a small acreage when the land is properly prepared, well fertilized with additional supplies of lime, phosphate, basic slag and potash and seeded to Dallis grass, White Dutch clover and lespedeza. All livestock growers should have a few acres of highly improved pastures. It produces more high quality feed than perhaps any other similar acreage on the farm and one of the most interesting phases is that the livestock does their own harvesting.

The AAA will pay farmers for fencing where a substantially built permanent fence is put up according to their specifications. Either barbed wire or woven wire may be used in constructing the fence.

Where the requirements are met the Triple-A will pay cooperating farmers 45 cents per rod for barb-wire or 75 cents per rod for woven-wire fences. Interested farmers should see their county agents, county AAA office, or committeemen for further information and details.

"3-Acre Corn Contest"

Applications will soon be available for contestants to make official entry in the Farm Bureau corn contest this season. Farmers are urged to prepare and enter this contest at an early date. There is an excellent opportunity to gain valuable experience in fertilization and cultivation of corn in such a contest. Drop us a card or come see us and we will supply application forms.

"Poultry Outlook"

Since meat has been taken from the ration list many growers of poultry have expected the prices of eggs, broilers and hens to decline substantially. While there have been some temporary decline the market has remained higher than most observers expected. There are fewer broilers and pullets being produced than was expected and this indicates that eggs will continue at a relative high level next fall. The cost of feed is constantly rising, however, those growers who are in position to grow their scratch grains should be in a favorable position for making a substantial profit using well bred disease free pullets of high production. Those who have houses and can meet the above conditions may well consider some increase in pullets for next fall.

"Hogs"

The continued cold wet spring has caused heavy losses among some hog producers in this section. Diseases are becoming more prevalent each year and it seems that we are getting our share in Lexington County. We cannot always effect immediate control of outbreaks of new diseases. With hogs selling at or nearly record prices, where any unusual symptoms occur among hogs, farmers should take steps to check the disease before it spreads through the herd. The veterinarians play an important part in disease control where expanded livestock production is taking place.

"4-H Livestock Judging Team"

R. H. Sams, Assistant County Agent accompanied the Lexington County 4-H Livestock Judging team to Fairfax last Thursday. The team consisted of Carl Keisler Frank Poole, Jr., Billy Kennerly, and Charles Shumpert all from the southeastern corner of the county. This is fine educational training for these young livestock growers. This is their first experience on a livestock judging team and with further experience these boys should develop a team second to none in the state.

Farm Demonstration News

By S. E. Evans,
County Agent

August 28, 1947

"Small Grain"

During the next few weeks farmers will be making plans and preparations for their small grain crop. Of primary importance is the necessity of rotating land where small grain is planted to aid in the conservation of soil fertility and control of insects, plant disease and weeds. Where row cultivation is becoming less numerous, weed control is becoming more important than ever. We have certain chemicals which are giving promising results in the control of most of our weeds and more general use of chemicals will be employed during the next few years, but chemicals alone will not serve for complete control of such weeds as cheat, chess, and certain other undesirable infestation.

The first short-course on weed control and seed certification is now underway at Clemson College where some of the outstanding authorities of the nation are taking part. Quantities of poor quality grain have been sold throughout the state in past years resulting in a heavy influx of noxious weeds and other pest to give us trouble for generations to come. Re-cleaning of badly infested seed does not always eliminate all of the undesirable weeds. The best obtainable seed planted behind a clean cultivated crop is most desirable in securing seed for the next year's crop. The recently organized South Carolina Seed Improvement Association is expected to render a great service in supplying high quality seed free of weeds and adapted to our local needs. Several farmers in this county had their fields inspected last spring and are in position to supply good clean seed and as the years pass the seed improvement association will probably employ more rigid regulations giving us a more liberal supply of better seed.

With the infestation of Curl Dock, Blessed Thistle, Corn Cockle, and many other weeds that is becoming common, we cannot be too careful about securing the best of seed and planting on relatively clean land. The longer we plant any one crop on the same soil, the more hazard production becomes.

With improved farm machinery and equipment, better preparation can be obtained. Since the Triple-A program has been supplying phosphate and the farmers beginning to use a fair amount of mixed fertilizer at planting time, higher yields are being obtained. 300 to 500 pounds of a high grade fertilizer such as 3-12-6 or 4-12-4 can be most profitably used. In case nitrates are scarce next spring, this will go a long ways toward securing high production. Our relatively stiff soils with a clay or clay-ban subsoil is desirable for our grain crop. With prospects of high-price corn, another large oat, barley and wheat crop should be desirable.

"Enrichment of Corn Meal and Grits"

Our better livestock producers have long realized that a balance ration with abundance of mineral and vitamins is essential to cheap meat, poultry and egg production. For years we have neglected putting into practice similar knowledge applied to human nutrition. Clemson College has done a tremendous amount of research work leading to an excellent program of enrichment of meal and grits applied at the larger grits mills of the state. We have a half dozen in this county and we would like to see several more of the larger millers install this equipment. Most of the millers will gladly install it if a majority of their customers request it.

A radio transcript was prepared at Clemson in July reproducing a discussion on nutrition given by some of the outstanding authorities of the nation. This transcript will evidently be heard over many of our radio stations in the near future. The same transcript has been placed on two records that can be used on an ordinary phonograph and given at local meetings.

For years our sportsmen have considered black tongue in dogs an incurable disease. In recent years research has shown that black tongue in dogs corresponds somewhat to pellagra in the human family and can be easily cured by proper vitamins and minerals. Scientists at the University of Wisconsin have brought about the black tongue disease by supplying food lacking in the essential vitamins, then quickly restoring the dog to health by adding these essential requirements. The health of our people is so much more important that we cannot afford to let present knowledge of better health requirements go without heed in our land. Lets eat more food enriched by proper vitamins and minerals and not let the livestock program advance faster than our human welfare program.

"New Barns"

Mr. and Mrs. J. Alvin Clark of the Black Creek section have under construction a modern milk barn and a large feed barn for their herd of 30 dairy cows. The milk barn is modern and will meet the strictest health regulations in every way. The feed barn is 34 by 72 feet with gambrel roof capable of holding an enormous tonnage of hay and feed and giving ample protection to a large herd of cattle in bad weather. Mr. and Mrs. Clark and their son Wilton are among the county's most industrious, progressive and hardworking citizens and we commend them for the progress being made in their dairy development. These barns are a decided credit to their community and this progressive county.

"Alta Fescue Grass"

Comment has been made on the quality and long grazing period of alta fescue grass. The first shipment of this valuable grass seed for this season has arrived and livestock growers who are interested in trying out an acre or more of this grass should secure their seed at once. Seedings of twelve to fifteen pounds per acre is desirable. J. Ansel Caughman, C. A. Wingard, Knowlton Hook and several other progressive livestock minded citizens have made plans to put in a small acreage of this grass which has become famous in Kentucky and other states. Because of the tremendous demand for seed those interested should secure it from the distributor without delay.

"Farm Demonstration News"

By S. E. Evans,
County Agent

October 23, 1947

"Cut Cotton Stalks Early"

There has been less published in the press so far this season on early stalk destruction than in previous years. In spite of the lack of publicity many farmers have done an excellent job in getting the cotton out, the stalks cut and the land disked. This is one of the best practices that a cotton farmer can pursue. When the stalks are destroyed two to three weeks before the first killing frost, the food supply is removed from the boll weevil thus putting him into hibernation lean and hungry. Under such conditions a small percentage of the weevils will survive the winter. Since most of the cotton has been harvested, we hope that our farmers will see that the stalks are destroyed at the earliest possible date.

"Pasture Meeting"

One of the largest assemblage of young farmers in this or any other section of the state took place last Thursday evening in the Lexington High School auditorium. About 400 farmers heard H. A. Woodle, Leader, in Extension Agronomy Work of Clemson College give an illustrated lecture on the development of pastures in South Carolina. Mr. Woodle discussed the soils suitable for pasture together with fertilization and seeding of pastures and grazing crops. He stated that throughout South Carolina farmers were learning that there is more net profit per acre in good pastures than in cotton, corn and even tobacco. He emphasized the importance of a mixture of legumes and grasses suitable for all year grazing in permanent pastures, using 2 tons of lime, 500 to 1000 pounds of basic slag, 500 to 1000 pounds of commercial fertilizer per acre together with all the farmyard manure obtainable. He stated that records from the best pastures of Florida showed that a ton of beef has been produced on an acre of pasture, in one year and that improved pastures are to be seen all over South Carolina. This year a greater acreage than ever before is being put in. For winter grazing he advocated eight to ten bushels of oats and barley, 25 to 30 pounds of Rye grass and 20 pounds of Crimson Clover. He also emphasized the importance of getting a start of alta fescue for 10 months grazing and the importance of getting some Ladine clover started in our permanent pastures. From interest manifested at this meeting of interested farmers and G I classes more acreage will be seeded in the near future. This is particularly attractive where labor is scarce and high-priced. The day is coming when livestock should be required to harvest most of their feed.

We are very grateful to Duke Richardson, the agriculture teacher, and Odelle Harmon for the use of the High school auditorium and for their usual cooperation in matters pertaining to the improvement of agriculture in the county.

"State Fair"

Prospects Saturday afternoon on the State Fair grounds indicated good agricultural and livestock exhibits this year. The usual Lexington County booths are being placed by N. C. Leaphart, L. D. Roof and Mrs. Jesse Bickley.

Quite a number of 4-H and F.F.A. boys and girls are exhibiting hogs, calves and poultry from this county. A very large percentage of the hogs on exhibit were from Lexington county. Among the hog breeders exhibiting are F. T. Mathias and Sons, Vernon S. Bickley, J. Leslie Corley and Tillman and James Meetze.

"Free Pine Seedlings"

We have mentioned several times in the past few weeks about the availability of pine seedlings from the South Carolina State Commission of Forestry. Orders have gone in for many thousand from this county and shipment should take place about December 1st. We are told that orders now on file will probably take up practically all available seedlings. A check is being made on the total available supply together with orders already sent in and we will know at an early date definitely what to depend on. In the meantime orders continue to go in from over the state and will be filled in the order in which they are sent in. There is a possibility that we may still be able to get more. Every landowner in the state is entitled to as many as 5,000 if he needs that many and if he has labor to put them out properly. We still have a supply of order blanks and would advise any others needing seedlings to come to the office without delay and file your order paying 50 cents per thousand for express charges. Act now or regret later.

"Sale of 4-H Pullets"

A mail-order house provided funds for buying 1400 chicks for 4-H club members in this county and 700 for Richland last Spring. Out of these lots the 21 members have sent in 12 pullets each to the State Fair. Saturday afternoon, October 25th at 3:00 o'clock approximately 250 spring pullets will be sold at auction in or about the poultry building at the State Fair. The proceeds from the sale of these pullets will be used to buy day-old chicks to go to other club members next Spring. Parties interested in securing a few nice pullets will have an opportunity to secure them and at the same time contribute to the extension of this chain program which is helping a number of club members and is intended to help greater numbers from year to year. The sale, 3:00 P.M. Saturday October 25th.

"Farm Bureau"

Let's don't overlook the fact that the Lexington County Farm Bureau drive for membership is now on. Pay your 1948 membership fee to your director so that the food committee will have some idea of how many to prepare for Wednesday night, the 25th. Hogs for barbecue are too high in price to prepare for too many, however, it would be most unfortunate for a number of our good citizens to come in and the barbecue run short. Make your reservation immediately by paying your membership fee to your director, agriculture teacher or other worker.

Farm Demonstration News
By S. E. Evans,
County Agent

October 30, 1947

"Five-Acre Pulpwood Thinning Contest"

For the third consecutive year the pulpwood thinning contest is again on and we would like to see several of our forestry minded farmers enter this interesting and constructive contest. So far Lexington has not had a single contestant to fully comply. Several have started thinning but because of sickness or lack of help or failure to personally mark the trees to come out have dropped by the wayside. Forty dollars are offered as prizes in each county in the state. First county prize \$25.00, second \$10.00 and third \$5.00. First prize in the district is \$125.00 and the state prize is \$250.00 or a total of \$2465.00 is offered by the pulpwood interest to contestants in this state.

A tenant may enter and receive the prize money provided it is acceptable to the landlord. Send us a card stating your interest and we will call and give details. Lets see that our prize money is used this year and with it stimulate more interest in a constructive farm forestry program.

"The National Food Program"

Much has been said in the press during the past two weeks about the urgent need for producing and conserving food so that we might materially aid in helping to feed the starving millions in other parts of the world. This is not a program to help people who are not helping themselves. There are millions of people living in congested areas of Europe and Asia who have been displaced that have no land, no equipment, no seed, fertilizer and other needed materials to produce their own food. The Bible commands us to feed the hungry. Most of these now starving are in that condition because of devastation of war destroying all the physical property of the hungry people. We have been blessed in more ways than we can conceive of. The favorable position of we American people was made so largely by fortunes which this generation isn't responsible for. We have escaped the tragedy of battlefields through two world wars and are improving our capacity for increasing production every year.

We are only on this earth for a relatively short time and as we reach the sunset of life, we should be in position to feel that we had rendered a service to man and to the upbuilding of the Kingdom of God. No service is worthwhile without some sacrifice involved. Lets' economize to the core, produce more winter vegetables and small grain which will permit a greater amount for exporting to the needy and hungry of the world.

"Farm Bureau"

While the annual meeting of the Lexington County Farm Bureau has been held, the membership drive should by no means be over. There are hundreds of outstanding farmers in the county who have not been approached. These are men who should be active and working for the upbuilding of the agriculture of the county, state and nation. Lets continue our drive and build a stronger farm bureau in the county.

"4-H Poultry Contest"

The Sears-Roebuck sponsored poultry contest and show was held at the State Fair grounds during Fair week. Fourteen 4-H boys and girls showed 168 young laying pullets that they grew out from 1400 baby chicks given them last March. These baby chicks were paid for by Sears Roebuck and Company. The contestants agreed to (a) feed and care for their chicks using proven practices recommended by the county agents and submit a record of their project, (b) enter 12 choice pullets in the show in the fall sponsored by the Sears-Roebuck foundation and under the direction of the county agents. These pullets competed for prizes to be awarded on a county basis after which they were auctioned off to the highest bidder, (c) cash received from sale of these pullets will be used by the county agents to start another group next year on the same basis.

The 168 young laying pullets were auctioned off last Saturday and brought \$281.45. This money will be used next spring to start another group.

These boys and girls also won prizes from the Fair aside from the prizes offered by Sears Roebuck

Listed below are the winners in the Sears Roebuck contest and the State Fair winners: Sears Winners: Marshall Buff, West Columbia, \$20.00; Carl Keisler Pelion \$20.00; Patricia Black, Leesville-\$20.00; Bobby Cook, Irmo-\$10.00; Jimmie Rankin, Batesburg-\$10.00; Joe Ann Gunter-Steadman-\$10.00; Betty Jane Lucas-Swansea-\$7.50; Lucile Campbell Leesville \$7.50; Raymond Kaniner, Lexington-\$7.50; Darnell Fulmer Swansea, -\$7.50; Vera Thompson, Lexington \$5.00; Shirley Burgess, Irmo-\$5.00; Leona Senterfeit Leesville \$5.00 and Owen Comalander Chapin \$5.00. State Fair winners were Darnell Fulmer, Swansea first pullet; Jimmie Rankin, Batesburg second pullet; Jimmie Rankin Batesburg first cockrell and Vera Thompson Lexington second cockrell.

November 6, 1947

"Farm Bureau Annual Meeting"

The officers, directors and community workers of the Lexington County Farm Bureau are to be commended for the fine drive made which terminated with the annual meeting and a most excellent barbecue last Wednesday night. Many of the workers did an outstanding job. The drive is only half-way complete. This county should easily have 1,000 members giving their active support to a farmers' organization program. Greater need is shown every day for a strong farmers' organization and it is to be hoped that there will be no let up in the drive until the goal has been reached. The farmer must protect his own interest since no one else will protect it for him. The only means to accomplish this is through organization.

"State-wide Rat Control Campaign"

Plans are being made for a state-wide rat control campaign to be put on throughout the state at an early date. Rats are among the most destructive and disease carrying pests which this country is infested with. A rat can eat 50 pounds of corn and waste 50 to 100 pounds more a year according to the N. C. State College. It is said that there are five million rats in the state of Iowa and a hundred million in the United States. With each rat costing two dollars (at present prices about five dollars) each year for its living expenses, you can easily determine just how big a hotel bill you are paying.

Antu is a new and efficient rat killer. Red Squill and Baron Carbonate are considered two of the most effective poisons. Details of a program for rat destruction will be worked out for Lexington county at an early date and we sincerely hope that the cooperation of the entire county can be had. Community action can reduce the rat population to a minimum. This is like many other undertakings, organization and full cooperation is absolutely necessary if we care to protect our individual interest.

"Forestry Thinning Contest"

We have had several inquires about the announcement last week of the five acre pulpwood thinning contest. Certain fiber companies are furnishing the money for this contest. It is our desire to have a dozen or more contestants from Lexington county this year, since it will prove to be a great advantage to our landowners in improving the forest of the county. The contest runs from now until March 1st, 1948. Drop us a card and we will supply you with a valuable file of information.

"Turkey Production"

Lexington county is fortunate in having sufficient turkeys to take care of demands of our local people. We have a large number of most outstanding and successful turkey growers. A turkey to be of best quality must be properly finished. If marketed too early it is somewhat like a watermelon pulled before being ripe. Good finish in turkeys is characterized by soft tender flesh and a complete covering of fat. Such quality results when the birds are fed for maximum growth on a sound feeding program.

Turkeys properly fed and managed should be finished and marketed at 26 to 28 weeks of age. Turkeys finished after this age are less profitable since they require more pounds of feed per pound of gain.

Grain consumption should be encouraged. They should consume more grain than mash during the last month. Corn is exceptionally good; however, barley will give a satisfactory finish. Two grain hoppers to one mash hopper should be used during the six weeks before marketing.

"Fertilize Grain"

Lets fertilize our grain crop before seeding with a liberal application of complete fertilizer. Three to five hundred pounds of a complete fertilizer will insure a fair crop in case we are unable to get soda next spring. Lets put in a big crop of small grain, fertilize it well, try to make some money for ourselves and help feed the world. The millions of hungry people need it.

"Labor Saving Show"

Next Friday, November 14th, the farm and home labor saving show sponsored by Clemson Extension Service and the U. S. Department of Agriculture will be displayed in the high school gymnasium at Pelion from 10:00 A. M. until 4:00 P.M.. This show is made up of three parts consisting of the exhibits on display at the State Fair which includes the enrichment mill plus an enormous amount of other labor saving devices. Second division will be farm and household machinery and equipment displayed by hardware stores, implement dealers, electrical supply stores, utilities, manufacturers, etc.. The third will be local homemade devices built or equipped by citizens of Lexington county. We invite dealers and farmers to supply equipment and demonstrators as material for the latter department. We hope that our local dealers, farmers and farm women will display such equipment as will be helpful to the farmers and farm women of the county. This is a county-wide show and all sections of the county are invited and urged to supply material and attend this most valuable display of labor saving equipment. All equipment should be placed Thursday afternoon. Those unable or inconvenient to take in Thursday afternoon, should have it there not later than 9:00 o'clock Friday afternoon. Lets make this a red letter day for Pelion and Lexington county. Eighty percent of what we learn is acquired by seeing. Lets turn out and see many of the useful devices for making life worthwhile and labor much easier and more productive. Lets meet at Pelion on the 14th and have a good time together.

American farmers are the most efficient food producers the world has ever known. Four American farmers produce enough for themselves and 20 to 25 others. Four Asiatic farmers produce only enough for themselves and one other. This is why we are called upon to help feed the world. We must show our ability as leaders by helping the unfortunates.

COOPERATIVE EXTENSION WORK
IN
AGRICULTURE AND HOME ECONOMICS

STATE OF SOUTH CAROLINA
Lexington, South Carolina
February 7th, 1947

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

EXTENSION SERVICE

Dear Sir or Madam:

Continuing our series of community meetings to be held throughout Lexington County for the purpose of taking the 1947 Farm Outlook to as many of our farm men and women as possible. We will show a suitable educational picture at each of these meetings. The farm agents will discuss the outlook for farm crops, fertilizer, livestock, farm machinery etc. while the home agents will discuss the outlook for quantity and quality of home equipment, textiles, etc.

Do you know what the outlook for price trend for hogs, dairying, cotton, beef, poultry, eggs, clothing, farm machinery, fertilizer, household equipment etc. is?

Come out and hear these and other matters discussed.


The following meetings are scheduled for the next two weeks.

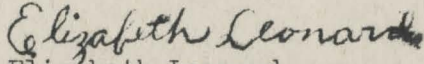
<u>Date</u>	<u>Place</u>	<u>Time</u>
Monday, February 10th,	Hollow Creek School	7:30 P.M.
Tuesday, February 11th,	Gaston School	7:30 P.M.
Wednesday, February 12th,	Pelion High School	7:30 P.M..
Thursday, February 13th,	Congaree School	7:30 P.M.
Monday, February 17th,	Batesburg-Leesville High School	7:30 P.M.
Wednesday, February 19th	Chapin High School	7:30 P.M.

We trust that you will be present at one of these meetings and bring some of your neighbors with you.

We invite a full discussion on matters pertaining to the outlook by those in attendance.

Most sincerely,


S. E. Evans,
County Farm Agent


Elizabeth Leonard
County Home Demonstration Agent.

COOPERATIVE EXTENSION WORK
IN
AGRICULTURE AND HOME ECONOMICS

STATE OF SOUTH CAROLINA

Lexington, South Carolina

February 13, 1947

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

EXTENSION SERVICE

To Certain Farmers of Lexington County:

In order to produce a high class product of livestock or farm crops, it is necessary to have good seed. Sweet potato production has been gradually increasing in quantity and quality in this county and we believe that it is very necessary that we improve our seed stock from year to year if we are to compete on the markets with the better growers of this state and the southeast.

We have an opportunity of getting the best available stock in the state from the Edisto Experiment Station where a great amount of research breeding is being done. We are asking Superintendent Rogers of the Station to save some of these potatoes for our growers. I quote from his letter of February 5th as follows:

"We have ample supplies of Unit 1 or copper-skinned type Porto Rica seed sweet potatoes on hand for this season. We are again offering free delivery of large lots to be unloaded at one or more central points in any one section of the state."

"We are again packing mixed sizes for seed but due to the fact that our seed fields last year were planted somewhat late our seed may average a little smaller in size than usual. This also caused us to make a slightly longer type potato. This size and shape will of course have no influence whatsoever on the type of potatoes your growers would produce from our seed. Our price is \$3.50 per bushel f.o.b. Blackville or as stated above, delivered, in large lots at one or more central unloading points in any one section of the state."

If you are interested in securing some of these seed, please advise us during the next few days. We hope to get the stock delivered here during the last days of February unless otherwise requested.

When we can serve you do not hesitate to call on us.

With kind regards and very best wishes for a successful crop year,
I am

R. H. Sams
R. H. Sams
Ass't County Agent.

Very truly yours,

S. E. Evans
S. E. Evans,
County Agent

**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

Lexington, South Carolina
July 29, 1947

EXTENSION SERVICE

To Certain 4-H Club Members and Tractor Owners:

Re: Tractor Maintenance Clinic.

Dear 4-H Club Members and Others:

Our second tractor maintenance meeting will be held at 9:00 A.M., Tuesday August 5th instead of August 12th as agreed on at our last meeting.

We are expecting Mr. M. C. McKenzie, Extension Agricultural Engineer, with us again at this second meeting.

We hope to have the Ford, and Farmall-A tractor at the meeting August 5th.

Mr. McKenzie stated that he would bring films this time. I feel sure you will enjoy these pictures at this second meeting.

Please bring your 4-H worksheet notebook filled out as far as you have been able to work up.

We will be expecting all who attended the first meeting to be with us Tuesday August 5th and also others if they are interested in tractors.

Yours very truly

R. H. Sams
R. H. Sams,
Ass't. County Agent.

RHS: fhr

COOPERATIVE EXTENSION WORK
IN
AGRICULTURE AND HOME ECONOMICS

STATE OF SOUTH CAROLINA
Lexington, South Carolina
November 7, 1947

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

EXTENSION SERVICE

Don't miss it!



To Citizens of Lexington County:

A Farm and Home Labor Saving Show sponsored by the Clemson College Extension Service and the U. S. Department of Agriculture will be held in the gymnasium of the Pelion High School, next Friday November 14th, from 10:00 A. M. to 4:00 P.M..

The show will consist of three parts: First, The Clemson College exhibits which was displayed at the State Fair. Second, Displays of commercial exhibits from hardware and implement dealers and third, homemade labor saving equipment from the farms and homes of Lexington county. We will be glad for you to exhibit any homemade labor saving devices which you feel will be useful to the citizens of Lexington county. If you have any such labor saving equipment, please send it, well labeled, to the Pelion gymnasium between 3:30 and 4:30 o'clock Thursday afternoon or not later than 9:00 o'clock Friday morning.

This is a county-wide show intended to help our people equip themselves with inexpensive labor saving devices. Farm people must mechanize their farms and homes if they are to compete with industry in securing a fair share of the national income. Lets all plan to attend and contribute something to the homemade labor saving show.

Most sincerely,

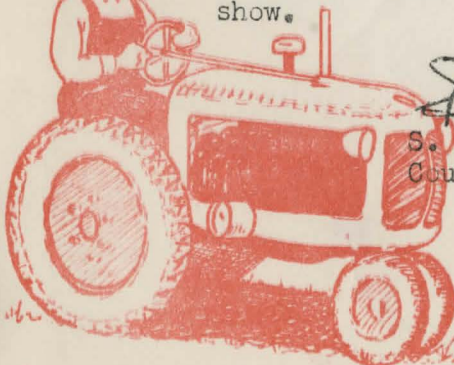
S. E. Evans

S. E. Evans,
County Agent

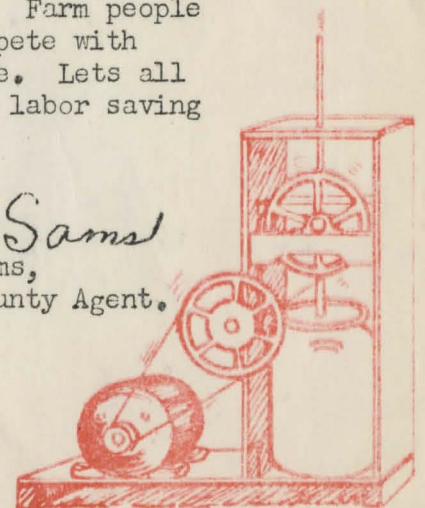
R. H. Sams

R. H. Sams,
Ass't County Agent.

**FARM and HOME
LABOR SAVING
SHOW**



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



Take the labor out of churning -