

1945

## 1945 Chester County Extension Service Report

Clemson University Cooperative Extension Service

M. C. Crain

W. E. Pugh

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*Massey*

# ANNUAL REPORT

## COUNTY AGENT WORK

*Chester*

**County**

## SOUTH CAROLINA

# 1945

*M. C. CRAIN*

County Agent

*W. E. Pugh*

Assistant County Agent

CLEMSON AGRICULTURAL COLLEGE

Cooperating with

UNITED STATES DEPARTMENT OF AGRICULTURE

EXTENSION SERVICE

D. W. Watkins, Director

Clemson, South Carolina

ANNUAL REPORT OF COUNTY AGENTS WORK

CHESTER COUNTY, SOUTH CAROLINA

1915

H C GRAIN-

COUNTY AGENT

W E FUGH-

ASSISTANT COUNTY AGENT

Cooperative Extension Work in Agricultural and Home Economics

Clemson Agricultural College and the

U. S. Department of Agriculture

Cooperating

EXTENSION SERVICE

D. W. WATKINS, DIRECTOR, CLEMSON, SOUTH CAROLINA

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SUMMARY OF ACTIVITIES AND ACCOMPLISHMENTS

General Activities

1. Days agents spent in the office.....	103
2. Days agents spent in field.....	329
3. Days agents worked.....	42
4. Miles agents traveled.....	11,996
5. Farm Visits .....	1,295
6. Different farms visited .....	700
7. Office calls at agents office .....	1,111
8. Telephone calls at agents office .....	1,053
9. Meetings held or attended .....	129
10. Attendance at these meetings .....	5,189
11. No. Communities in which Extension work was conducted.....	22
12. No. Farmers conducting demonstrations.....	55
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PROJECT ACTIVITIES AND RESULTS

Agricultural Economics.

One county-wide farm planning was held at Chester December 4, 1944 with an attendance of 20 farm people. One outlook meeting was held February 9, 1945 attended by 75 farm people; 1 Farm leaders meeting held attended by 100 farm people. Plans for sharecropping cows drawn up. Eight TVA demonstrators kept complete farm accounts during 1945, one of which is given in this report. Agents cooperated with Farm Credit Agencies in loaning to farmers in the county \$174,753.00/

Agricultural Engineering

Soil Conservation 129 farm plans were made in the district in 1945 826 acres were terraced by 24 farmers in 1945. Summary of soil conservation work. A total of 61 plans for farm buildings furnished farmers; one farm machinery school held attended by 125 farmers. 50,000 kudzu crowns were received by farmers from Alabama. Summary of cost records on 4 box silos; summary cost records on 4 sical craft silos.

AGRONOMY

Farmers bought under the AAA program 1,557 tons of lime and 1,325 pounds of phosphate in 1945. TVA demonstrators received 15,800 pounds super-phosphate and 18,500 pounds Ammonium Nitrate in 1945. Ten Chester County farmers enrolled in the 5-Acre Cotton contest in 1945, 5 records of which are listed; 3 corn production records; 1 barley demonstration record; 4 wheat demonstration records; 6 oat demonstrations; 8 small grain for hay demonstrations; 1 lespedeza for hay demonstration; 2 lespedeza for seed demonstrations, and 1 legume soil building demonstration.



### Animal Husbandry

Three purebred bears were placed in 1945, making a total of 24 which have been placed in the county since 1938. D T Welborn, Chester County Hereford breeder again topped the S C Hereford sale at Spartanburg. Freezer locker plant is now under construction and will be completed by Spring.

### Dairying

Golden Guernsey Association is still operating in the county. 800 gallons of Golden Guernsey milk was shipped to Edisto Farms Dairy in Columbia. Borden Plant received the A Award on May 16, 1945. Five purebred bulls were sold at public auction in 1945 at an average of \$535.00, two of which were bought by Chester County Dairymen. Seventeen purebred sires of quality breeding were placed in the county during 1945; 5 dairymen kept silage production records in 1945; 3 annual grazing demonstration records and 10 permanent pasture demonstrations were kept by dairymen during the year.

Inventory of milk sold is as follows:

650 patrons of Borden sold 8,225,000 pounds of milk for \$255,775.00, and fourteen Grade "A" dairymen sold a total of 350,850 gallons of milk for \$114,431.70 during the year.

Out of county sales of dairy cattle brought in \$7,610.00  
Chester County Guernsey Cattle Club sale held September 18th. brought in \$17,155.00- an average of \$350.10 for the forty-nine animals sold.

### Entomology and Plant Pathology

Extension work in entomology and plant pathology in 1945 consisted of crop diseases and insect control. A chinch bug survey was made on May 24th, and the treatment of cattle lice and grubs. Farmers were advised to treat small grain for disease control.

### Forestry

Forestry work in 1945 consisted of one farm woodland management record demonstration and the planting of 22,900 pine seedlings. Two forestry meetings were held to demonstrate a gasoline operated chain saw and a tractor power Ottum saw. These two meetings were attended by 105 farmers. Five winners competed in the I-H Timber thinning contest. \$58.75 was awarded in prize money. Two bow saw demonstrations were completed in 1945. I-H Club gave the program "How forests serves mankind" during the month of September.

### I-H Club Work

Chester County had one member to attend the National Health Contest in Chicago in December 1944. Two I-H Council meetings were held during the year- 185 boys and girls attended these Rally days, conducted by the Council members. Nine I-H Dairy Production records were completed a summary of which showed a profit of \$1,445.89. Jimmy Gaston was selected as the outstanding I-H Guernsey Calf Club member in the County for 1944. Five winners competed in the I-H Forestry contest. 186 I-H boys and girls

4-H Club Work- (Continued)

attended Camp Long. Chester County 4-H Guernsey Calf Club Show and Banquet was held on October 18th. and 19th. 4-H Club records show a total profit of \$6,232.90 in 1945. Ninety-two Club members completed demonstrations- the percent of members completing was 60 percent. 4-H Calf Club members who showed in 1945 will receive \$5.00 each in addition to their winnings at the 4-H Calf Club show in Chester.

Horticulture

3800 bushels of sweet potatoes were sold in 1945 for \$7,200.00. Sixty cars of peaches were shipped in 1945 and fifty bushels sold orchard run for \$122,500.00.

Marketing

A summary of marketing shows County Agents assisted with marketing \$614,673.70 worth of farm commodities.

Poultry

Four hundred chickens were vaccinated during 1945, and one turkey demonstration record was kept. Several flocks were culled during the year.

Publicity

A total of 1,394 individual letters written; 46 circular letters prepared with 8,436 copies mailed. Fifty press articles prepared; 23 radio talks made and 1,422 bulletins distributed during the year.

Visual aids used at eight meetings with a total of 581 farm people present. Pictures were made of different demonstrations for use in educational work and 4-H Club work.

**1. COUNTY, COMMUNITY AND NEIGHBORHOOD ORGANIZATION OF VOLUNTEER  
FARM AND HOME LEADERS**

---

**1. County Agricultural Committee:**

a. The County Agricultural Committee composed of four members was first selected in 1926 by the home and farm agents. These men and women were chosen not only according to their location in the county, but also because of their knowledge of the problems of the county, their interest in alleviating these problems, and their ability to offer helpful suggestions in putting across an Extension Program that would bring up the standard of living of the rural people of Chester County.

As the organization work of the county grew neighborhoods were organized and a president of the neighborhood committee was selected. The president of these organized committees were asked by the original committee to serve on the County Agricultural Committee. The county is so organized that every farm in the county is embraced in the Better Farm Living Organization. A committee man or woman is assigned to each ten farms in the county. A file is set up for each neighborhood.

**b. Names and Addresses of County Agricultural Committee:**

C B Abell	Lowrys	Frank Kirkpatrick	Fort Lawn
W A Byars	Lowrys	Jesse H Hardin	Chester
J F Gilchrist	R1, Sharon	D Burt Colvin	R2, Chester
L A Wade	Lowrys	J W Weir	R2, Chester
Raymond McDaniel	Leeds	J H Gwin	R1, Blackstock
W C McHinch	R3, Chester	J Carl Gibson	Richburg
John A Stevenson	Leeds	James E Anderson	Richburg
Mrs. W. M. Wooten	Lewis	W G Jordan	Richburg
W S Gill	Rockman	J A B Boyd	R1, Blackstock
H L Walker	Edgemoor	Mrs. Graham Grant	R3, Chester
H R McFadden	Fort Lawn	Thomas J Robbins	Lowrys

**Executive Committee**

Mrs. W M Wooten	Lewis
Mrs. Graham Grant	R3, Chester
C B Abell	Lowrys
W S Gill	Rockman

**Marketing Committee**

L E Stroud	Great Falls
Mrs. A. P. Atkinson	Lowrys
Mrs. Mary Wilks	Leeds
W A Byars	Lowrys

**Census Committee**

Mrs. Lindsay J Hays	Lewis
Mrs. T O McKeown	R1, Blackstock
W M Wooten	Lewis
W A Thomas	Edgemoor

**Returning Veteran's Committee**

James F Wherry,	R1, Chester
Frank Kirkpatrick	Fort Lawn
S S Abell	Lowrys

c. Duties and Responsibilities of County Agricultural Committee:

The county agricultural committee meets at intervals and all important phases of Extension work is discussed. This committee suggests to the home and farm agents plans of work they deem necessary. A report is made to this committee on the work of the home and farm agents.

2. COMMUNITY AGRICULTURAL COMMITTEES AND NEIGHBORHOOD LEADERS:

a. Names of neighborhoods and leaders organized for 10-Point Food and Feed Program.

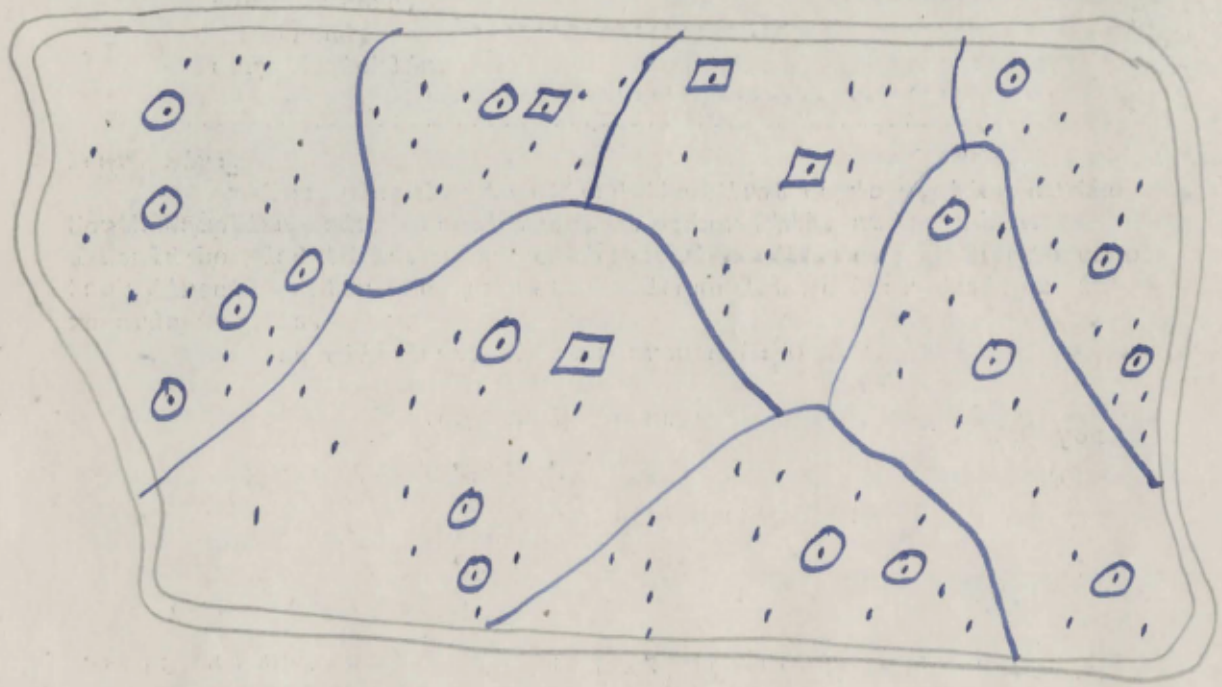
<u>COMMUNITY</u>	<u>NEIGHBORHOOD</u>	<u>LEADERS</u>
No. 1 Wilksburg Baton-Rouge	Mt. Pleasant.....	Mrs. W. H. Rodday, R1, Sharon Mrs. W. W. Dallas, Lowrys Thos. J. Robbins, R1, Sharon J F Gilchrist, R1, Sharon
	Wilksburg- Baton-Rouge.	Mrs. R W Wilks, Leeds Mrs. W. P. Estes, Leeds Mrs. Eva Gilliam, R3, Chester L A Wade, Lowrys Raymond McDaniel, Leeds E C McHinch, R3, Chester Dan Clark, Lowrys Will Clark, Lowrys Ernest Estes, Leeds
NO. 2-LOWRYS.	Leads.....	John A Stevenson, Leeds Mrs. Ira Cornwall, Leeds Mrs. Lancy Wages, Leeds
	Armonia.....	Mrs. Graham Grant, R3, Chester S J Hudson, R3, Chester R O Atkinson, Lowrys Lyles C Grant, Lowrys A Weldon Grant, R3, Chester
NO. 3- Rockman	Lowrys.....	C B Abell, Lowrys W A Ryars, Lowrys Joe Stephenson, Lowrys S S Abell, Lowrys Will Steele, Lowrys J L Guy, R4, Chester Mrs. R C Guy, R4, Chester Mrs. J F Cameron, Lowrys
	Lewis.....	Mrs. W. M. Wooten, Lewis Mrs. Will Rockman, Rockman James Hairy, Rockman J L Kee, Rockman S J Knox, Rockman

<u>COMMUNITY</u>	<u>NEIGHBORHOOD</u>	<u>LEADERS</u>
NO. 4- EL BETHEL	Edgmoor.....	H L Walker, Edgmoor W A Thomas, Edgmoor Mrs. Boyd Westbrook, Edgmoor M A Munnery, Fort Lawn Mrs. R H Westbrook, Edgmoor Harry Thomas, Edgmoor Mrs. R H Hamilton, Edgmoor
	Landsford.....	H R McFadden, Fort Lawn Mrs. A G Westbrook, Catawba Mrs. Lowry, Simpson, Catawba W P McFadden, Fort Lawn
	Fort Lawn.....	Frank Kirkpatrick, Fort Lawn Mrs. A. G. Westbrook, Jr., Ft. Lawn C B Turner, Fort Lawn Mrs. C E Thrailkill, Fort Lawn A G Thrailkill, Fort Lawn Mrs. W H Holder, Fort Lawn S J Cornwell, Jr. Fort Lawn
NO. 5- CHESTER	Chester.....	Jesse H Hardin, Chester C C McAliley, Chester A B Craig, Chester Mrs. J S Stone, R2, Chester
	Sealy Creek..... Highway No. 7	W W Fenster, R2, Chester Mrs. Harry Wright, Leeds
	Rodan Bridge..... Orrs	Mrs. Gertrude Wrenn, Rodan Mrs. T M Minter, Rodan
	Douglas.....	D Bata Colvin, R2, Chester J W Weir, R2, Chester Mrs. Robert Hare, R2, Chester Mrs. L B Weir, R2, Chester J M Grant, R2, Chester E B Bean, R2, Chester Mrs. S M Douglas, R2, Chester
NO. 6- WELLRIDGE-	Wellridge.....	J H Gwin, R1, Blackstock J A B Boyd, R1, Blackstock L W Orr, R1, Blackstock Mrs. Sam Bennett, R1, Blackstock James C Stevenson, Richburg J C Jamison, R1, Chester James M Caldwell, Jr. Blackstock Mrs. H K McGarity, R1, Chester Ed Simpson, R1, Chester
	Cornwell.....	Mrs. H S McKean, R1, Blackstock J S McKean, R1, Blackstock Mrs. O D Love, R1, Blackstock

<u>COMMUNITY</u>	<u>NEIGHBORHOOD</u>	<u>LEADERS</u>
NO. 6- WELBRIDGE (Cont)	Hopewell.....	J J McDaniel, RI, Blackstock Mrs. G W McKean, RI, Blackstock J Watt Weir, Jr., RI, Blackstock
NO. 7 BASCONVILLE	Richburg.....	J Carl Gibson, Richburg Miss Lottie Belle Ferguson, L L McCrerey, Richburg Mrs. Tom Reid, Richburg Flyler Matthews, Richburg Albert Orr, Richburg
	Great Falls.....	J E Anderson, Richburg Mrs. W H Stroud, Richburg L E Stroud, Great Falls Mrs. J B Ferguson, Great Falls
	Basconville.....	W G Jordan, Richburg J H Dye, Great Falls Joe Jordan, Richburg L E Morrison, Star Rt. Chester

**3. OUTLINE MAP OF COUNTY, SHOWING LOCATION OF ORGANIZED COMMUNITIES AND NEIGHBORHOODS- SHOWING RESIDENCES OF MEMBERS COUNTY, COMMUNITY AND NEIGHBORHOOD LEADERS.**

---



- County Committeeman - ◻
- Community Leader - ○
- Neighborhood Leader - •

4. Programs Handled Through Voluntary Leaders

1. 10-Point Food and Feed Program: A meeting of all voluntary leaders was held at the Episcopal Parish House on February 9th. At this meeting in the morning Problems confronting farm people in the production of food and feed in 1945 was discussed. In the afternoon these problems were solved by a panel composed of farm leaders. These leaders learned much by the discussion, and were asked to carry out among ~~that~~ the people in their community the best way to produce more food and feed in 1945. Community leaders were also asked to visit their neighbors and insist on carrying out a feed budget for each farm. As the res ult of this more silage was put up in the county than ever before, and a larger acreage of small grain and lespedeza was planted.

2. Lime Program: This program was handled partly through voluntary leaders in that they were to see that their neighbors took advantage of earning the AAA payment for 1945 either by the use of lime and phosphate, or by the different soil building practices. Many farmers bought lime in 1945.

3. Sales Victory Bonds and Stamps: The same method of procedure as was used in 1944 was followed in 1945. This being that voluntary leaders acted as chairman in their respective communities and boosted up the sale of bonds in this way. The sale of bonds among rural people was steady throughout the year.

4. Seeding Fall Grains: Through the help of the Farm Labor assistant many voluntary leaders were visited and helped in getting their farm machinery in shape for fall planting, and also in getting a line on those people who would need outside labor to get the job done. As yet not all our grain has been seeded, but it looks as if we will have as great an acreage, if not greater, than last year. Many farmers are doing away with corn and depending more on small grain.

5. Farm Labor Program: The farm labor program in Chester County has been more in the nature of the production of more food and feed in 1945. The labor assistant has been in close contact with farm machinery owners. He visited all people who had small grain last spring and saw to it that they would have some one there to get it harvested. He also tried to keep one machine in a particular community so as to save time of traveling over large areas to get the job done during silage harvesting season.

6. Victory Garden Program: Each farm family was urged to have a Victory garden in 1945. Victory Garden Handbook and book on control of insects for vegetables has been distributed to farm families in the county. The vegetables from gardens, both farm and city homes, have helped out with the food supply for table use and for canning.

7. Scrap Collection: Scrap collections were obtained through the collection of paper and tin cans. The local boy scouts were organized and make collection and sold paper to promote their work. The tin cans were collected and assembled by the Bottling plant, sent to Surter and shipped from there to Company headquarters.



**11. EMERGENCY WARTIME ACTIVITIES:**

**1. Farm Labor Program:** A County Farm Labor assistant was appointed August 23, 1943 and was carried on during 1945. All communities are fully organized in the cooperative use of machinery and equipment. In order to save labor in curing hay a campaign was put on by the county agents to build wartime double box silos made completely of 2 X 8 and inch plank. The labor assistant was active in listing with farmers cooperative arrangements for cuttingsilage. The only handicap was that in some communities the farmers were anxious to cooperate but no feed cutter was available in that particular neighborhood.

**2. Scrap Collection:** Scrap collections were obtained through the collection of papers and tin cans. The local boy scouts were organized and made collections, and sold the papers to promote their work.

**3. Sale of War Bonds and Stamps:** The county agent has acted as County War chairman for the War fund during the year. Farmers have cooperated and goals have been met without any special organized campaigns.

**4. Nutrition Program:** The objectives during 1945 was to get out all available information through demonstrations and literature whereby farm families would be enabled to do their part for themselves and their community in the following phases (1) eating green leafy vegetables from a year round garden (2) can or preserve as many summer growing vegetables as possible to last through the winter months (3) insist on enriched foods such as, flour, grits and other cereals.

**5. Food and Feed Production and Conservation:** Due to the scarcity of grain and hay for dairy cattle and other livestock, it has been our aim throughout the year to do as much work as possible in the planting, cutting and curing of quality hay. Campaigns have been put on to increase the grain acreage as much as possible to be prepared for the feed shortage. Demonstrations were given on canning meat and vegetables.

**111. WARTIME ORGANIZATIONS AND AGENCIES COOPERATED WITH :**

**1. Office of Defense Transportation:** Farmers were helped in getting fuel for their tractors, woodsaws, trucks, and other non-highway uses.

**2. Electrical Connections:** All farmers were assisted in getting electrical connections where their animal units warranted it.

**3. County War Board:** An effort was made to secure telephone service to the farm people under the war effort by cooperating with the war board. Quite a few phones were installed.

**4. Red Cross:** Assistance was given the Red Cross in their drives among rural folks.

**5. Selective Service:** Many farmers were helped in filling out their farm plan sheets in order to get their farm labor deferred.

**6. War Necessities:** Some time was spent helping farmers who operated trucks hauling milk, wood, etc.

**IV. PROJECT ACTIVITIES AND RESULTS:**

**1. Agricultural Economics:**

Work in Agricultural Economics and farm management for 1915 included county-wide outlook meetings, community outlook meetings, fertilizer meetings, complete farm records, complete farm and home accounts, cooperation with Farm Credit agencies, and farm planning demonstrations.

County wide Farm Planning meeting: was held at Chester on December 4th. an attendance of 20 showed that the people are interested in food and feed conservation and other important phases of agriculture.

Farm Leaders Outlook Meeting: One outlook meeting was held in Chester County. A total attendance of 100 farmers were present.

Farm Leaders Meeting: Seventy-five leaders met February 9th. for their annual leaders meeting. In the morning Harry Brown, General agent of the Federal Land Bank, led a panel of nine leaders in the problems confronting production of food and feed, etc. for 1915. In the afternoon L B Massey, District Agent, conducted a panel of eight leaders finding ways to solve these problems.

Those participating in the panels are as follows: Mrs. A P Atkinson, Rodgers H Reid, C B Abell, J C Gibson, R A Stevenson, W A Dyars, M G Sandifer, L E Stroud, R A Oliphant, Mrs. Frank Kirkpatrick, Mrs. W H Wooten, Mrs. R W Wilks, Mrs. W W Gaston, Jr. Raymond McDaniel, M O Atkinson, J P Gaston. Specialists participating- L B Massey, W H Craven, W J Barker, C G Cushman, Miss Sallie Pierce and J M Eleaser.

**Share-cropping Cows:**

With M C Rochester share cropping cow plans were written up on farms of Mrs. J M Kirkpatrick, Frank Kirkpatrick, Jesse Hardin and R A Oliphant. These plans are on file in the county agent's office for future reference.



Picture at left shows R A Oliphant and one of his tenant share-croppers. They have worked out a very satisfactory plan for sharecropping cows.

Ammonium Nitrate: Records were obtained from all TVA demonstrators using ammonium nitrate on small grains. Demonstrators were very pleased with results obtained and are anxious to get a supply for this years grain crop. The highest yield of oats reported was 140 bushels per acre and oats cut for hay  $1\frac{1}{2}$  tons per acre.

Ten Point Food and Feed Program: During August dairymen were assisted in building several double box siles. Others were assisted in cutting and curing legume crops.

TVA Nitrate and Phosphate: During the month of December TVA demonstrators received 15,000 pounds of triple superphosphate and 18,500 pounds of Ammonium phosphate Nitrate. The phosphate to be used on pastures and legumes, and the Nitrate for use on small grains.

Agreements were renewed for the following TVA demonstrators in 1945- O D Love, Blackstock; W B Stringfellow, Jr. Chester, and A C Allen, Fort Linn.

Complete Farm Records: Eight Chester County farmers kept complete farm records, or farm surveys in 1945. These records will be submitted to the Extension Farm Management Commission for analysis, the results of which when available, will be used in connection with corresponding records from other counties having a similar type of farming as a source of factual material for extension work in farm management, and in program planning in Chester County. A list of the eight farmers keeping complete farm records is as follows:

List of Complete Farm Record Demonstrations- 1945

Name	Address	Size of Farm Acres	Predominant Type of Farming
Allen, A C	Fort Linn	135	Dairying
Atkinson, A P	Lowrys	250	Cotton, livestock
Gaston, J Porter	Richburg	445	Cotton, livestock
Henry, James R	Rodman	360	Cotton, livestock
Love, Oscar D	Blackstock	160	Cotton, dairying
Simpson, C B	Richburg	165	Dairying
Stroud, Wade H	Richburg	251	Dairying
Thomas, W A	Edgemoor	226	Cotton, livestock

Complete Farm and Home Accounts: One farmer kept complete farm account, which will be submitted to the Extension Management division for summary and analysis. This record when available in summarized form will be used in the same manner as outlined under Complete Farm Records.

Following is farmer keeping complete farm accounts:

List Complete Farm Account Demonstration

Name	Address	Size of Farm Acres	Predominant Type of Farming
Henry, James R	Rodman S C	360	Cotton-Livestock

Cooperation with Farm Credit Agencies: The county agents cooperated with the Rock Hill Production Credit Association, the Emergency Seed Loan Office, and the Farm Security Administration in their work of extending credit to the farmers of Chester County.

Following is summary of these Loans made in 1945.

Agency	No. Farmers	Amount
Rock Hill Production Credit Assn.	225	\$137,900.00
Emergency Seed Loan	168	<del>23,100.00</del>
Farm Security Administration	51	14,588.00

Farm Planning Demonstrations: In cooperation with the Farm Management division and the Tennessee Valley Authority farm management plans have been worked out on eight farms. On these farms rotation, fertilizer recommendation and erosion problems have been worked out. A list of these farms is as follows:

List of Farm Planning Demonstrations

Name	Address	Acres in Farm
Allen, A C	Fort Lawn	135
Atkinson, A P	Lowrys	250
Gaston, J Porter	Richburg	445
Henry, James R	Rodman	360
Love, Oscar D	Blackstock	160
Simpson, C B	Richburg	165
Stroud, Wade H	Richburg	251
Thomas, W A	Edgmoor	228

TVA FARM UNIT TEST DEMONSTRATIONS:

In cooperation with the Extension Service and the Tennessee Valley Authority the county agents established ten unit test demonstration farms in Chester County in 1938. These farms were established to demonstrate the value of a program of land-use adjustment in the interest of soil and water conservation. Crop and livestock plans were developed for each farm for a five year period. Each farmer is to keep a complete farm record of his business transaction each year.

PLAN FOR CROP ROTATION- JAMES R. HENRY

1944 CROP PLAN			CROP PLAN TO FOLLOW 1944					
Field	Acres	Crop	Fertilizer per Acre		1945	1946	1947	1948
			Pounds	Rate				
1A	6.2	Corn	200	10-1-1	S.grain,corn	S.grain,corn	corn	grain, corn
1B	2.8	Cotton	300	3-9-1	grain	Cotton	grain	cotton
1C	5.5	cotton,grain lespedeza	300	3-9-6	cotton	cotton	cotton	S.grain,lespedeza
1D	0.1	vetch	--	--	corn	soil crops	soil crops	soil crops
1E	1.1	Cotton	300	3-9-6	cotton	cotton	cotton	cotton
1F	7.0	cotton	300	3-9-6	S.grain	S.grain	cotton	cotton
1G	5.6	leap.corn	200	10-1-1	S.grain	lespedeza	corn	S.grain
1H	2.9	leap.corn	200	10-1-1	S.grain	lespedeza	oats,vetch	corn
1I	0.2	leap.corn	200	10-1-1	S.grain	lespedeza	oats,vetch	corn
1J	2.0	S.grain	100	soda	lespedeza	lespedeza	lespedeza	lespedeza
2A	1.7	S.grain,leap.100		soda	S.grain,leap.	S.grain,leap.	S.grain,leap.	S.grain,leap.
2B,2C,2D	2.5	leap.	--	--	S.grain,leap.	lespedeza	S.grain,leap.	lespedeza
2E,2F,2G	2.8	idle	0-	--	idle	idle	idle	idle
2H	4.6	lespedeza	--	--	lespedeza	lespedeza	lespedeza	lespedeza
20	9.0	lespedeza	--	--	soybeans	cane	lespedeza	lespedeza

PLAN FOR CROP ROTATION- JAMES R HENRY- (Continued)

1914 CROP PLAN			Fertilizer per Acre					CROP PLAN TO FOLLOW 1914	
Field	Acres	Crop	Pounds	Kind	1945	1946	1947	1948	
3A	2.0	corn	200	5-7-5	leap.	leap.	leap.	leap.	
3B	1.0	oats, leap	100	soda	"	"	"	oats & leap.	
3C	1.0	corn	200	5-7-5	s. grain	leap.	corn	s. grain	
3D	5.0	s. grain, leap.	200	2-12-6	cotton	cotton	s. grain, leap.	s. grain, leap.	
3E	6.0	s. grain	100	2-12-6	s. grain	s. grain	s. grain	s. grain	
3F	3.0	oats, leap.	--	--	leap.	leap.	corn	corn	
3G	21.0	permanent pasture	--	--	permanent pasture	P-P	P-P	P-P	
4A	9.0	leap. cotton	300	3-9-6	leap. cotton	leap. grain	leap. grain	leap. cotton	
4B	4.8	corn	200	3-9-6	corn	cotton	grain, leap.	leap. cotton	
4C	3.8	lepedeza	--	--	leap.	corn	cotton	cotton	
4D	5.2	kudzu	--	--	kudzu	kudzu	kudzu	kudzu	
4E	4.0	lepedeza	--	--	lepedeza	corn	corn	corn	
4F	1.4	cotton	300	3-9-6	cane	leap.	corn	leap.	
5A	2.9	leap.	--	--	leap.	corn	leap.	corn	
5B	0.7	lepedeza	0-	--	"	"	"	"	
5D	1.3	lepedeza	--	--	corn	cotton	lepedeza	cotton	
5E	3.5	corn	200	5-7-5	cotton	corn	cotton	corn	
5F, 5G	1.5	cotton	300	5-7-5	cotton	cotton	cotton	cotton	
5-H	3.2	corn	200	5-7-5	cotton	lepedeza	cotton	cotton	
5-K, 5-L	2.0	lepedeza	--	--	lepedeza	lepedeza	lepedeza	lepedeza	
6	21.0	woods pasture	--	--	woods pasture	W-P	W-P	W-P	
1, 3, 4, 5	11.5	Permanent pasture	--	--	permanent pasture	P-P	P-P	P-P	
2	1.5	annual grazing	500	4-8-6	annual grazing	A-G	A-G	A-G	

The Farm of James R. Henry: This farm is located in the north eastern part of the county. It contains 360 acres, which is about the average for this county. The soil is classified as 40 percent Cecil, 40 percent Appling and 20 percent Durham which represents about 48 percent of the soils in the county. The average pH reading is 5.27 and the soil topography is rolling. This soil is very much in the need of lime. The type of farming carried out consists mostly of cotton, corn and grain.

Purebred Guernseys are produced also on this farm.

Accomplishments: Eighty tons of lime and 4.3 tons of 10 percent acid have been used on the farm of James R Henry in the past two years. All but acres of his farm has been treated with lime and phosphate.

Three acres of bottom land pastures has been recleared and treated with lime and phosphate.

5100 pounds of Korean lespedeza seed and 600 pounds of Kobe lespedeza seed were harvested in 1945. In addition to this eleven acres of lespedeza was left as a cover crop.

The landowner thinned selectively 1.5 acres of pine woodlands.

Mr. Henry sells one or two registered Guernseys in the county sale each fall. This year his cow brought \$310.00.

Improvements: No improvements have been made in recent years.

Future development: Plans are underway for the treatment of remaining crop acres and pasture with lime and phosphate. The operator plans to seed more small grain and plant less row crops for feed.

Acres and Production of Specified Crops grown on the Unit Test Farm of James R Henry in 1945

Crops	Acres	Total Production
Cotton	24.0	20 bales
Corn	22.0	416 bushels
Oats	6.0	225 bushels
Oats & vetch	7.0	5.5 tons
Sorghum	1.5	7.5 tons
Lespedeza for hay	14.0	14.0 tons
Lespedeza for seed	17.0	5100.0 pounds
Soybeans for hay	1.7	1.7 tons
Lespedeza for cover	11.0	--

Summary of Mr. Henry's Farm Business for 1945

	<u>Beginning Inventory</u> Value	<u>Closing Inventory</u> Value
Land	\$2280.00	\$2280.00
Improvements	783.00	783.00
Horses and mules	225.00	225.00
Cattle	974.85	1013.00
Crops, feed, etc.	1787.52	1516.00
Machinery and tools	1381.30	920.12
<b>Total-</b>	<b>\$7431.67</b>	<b>\$6737.12</b>

James R Henry Farm- 1945 (Continued)

Farm Receipts		Farm Expenses	
Cotton and cotton seed	\$2833.99	Hired labor	\$ 70.15
Other crops	171.40	Crop Expense	575.04
Cattle and hogs	151.93	Livestock & poultry	172.01
Dairy products	538.20	Automobile	88.02
Poultry and eggs	--	Truck, tractor equipment	59.19
Miscellaneous receipts	95.75	Miscellaneous	72.36
Share croppers expense	26.82	Share croppers receipts	1,117.01
Total cash receipts	4,121.09	Total cash expenses	2,151.08
Increase in inventory (if any)	--	Decrease in inventory	694.55
<b>TOTAL RECEIPTS</b>	<b>\$4,121.09</b>	<b>TOTAL EXPENSES</b>	<b>\$3,118.63</b>

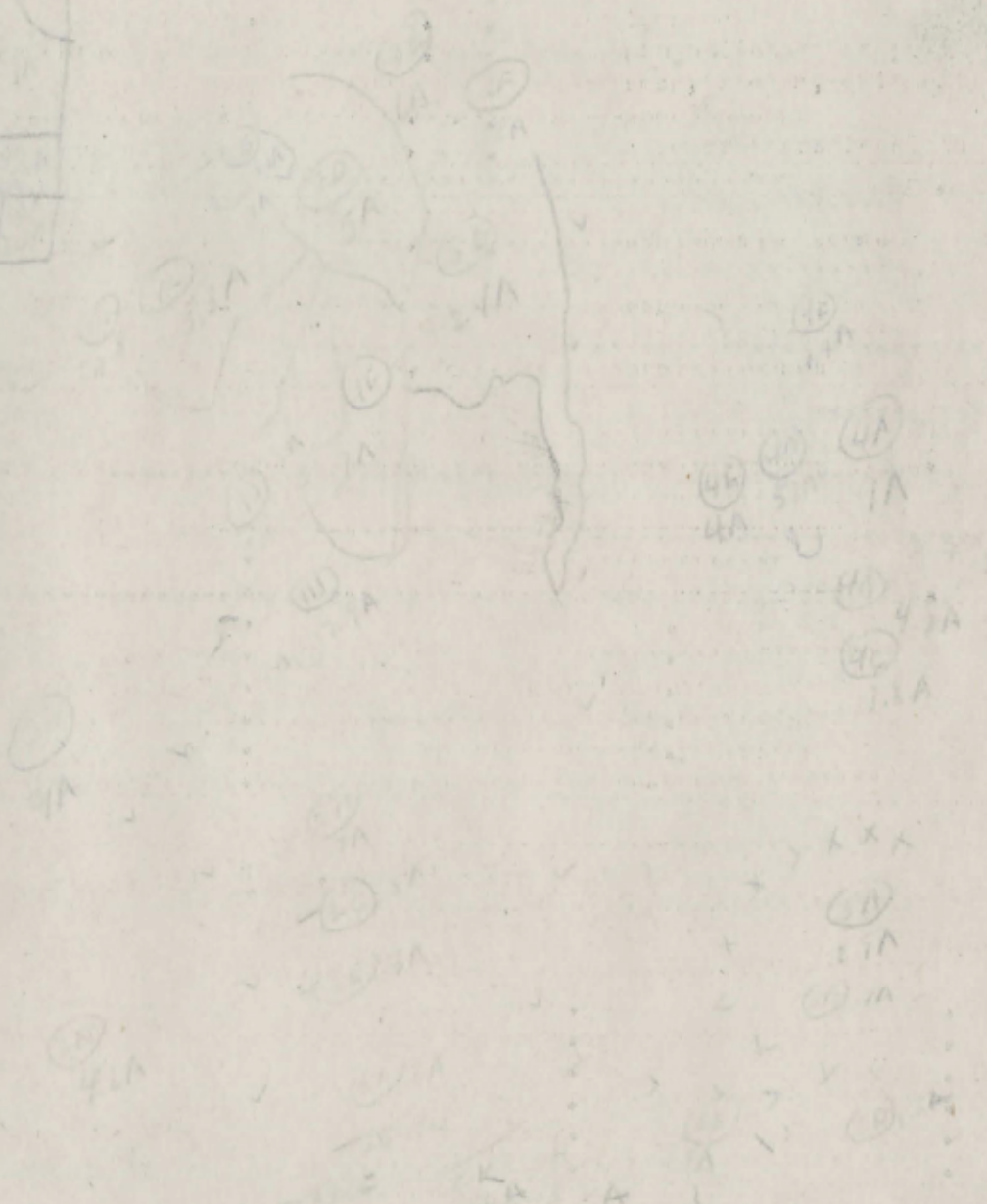
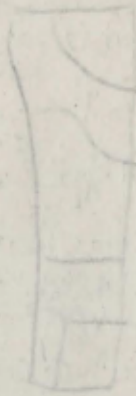
Receipts minus expenses.....	\$ 972.46
Value of unpaid family labor other than that of operator .....	--
Farm income .....	972.46
Interest (1% on average of two inventories).....	283.38
Labor Income.....	698.08

\* Labor income is what a farmer receives for his year's work above interest on his investment and all farm expenses, in addition to having a house to live in and farm products to use in the house.



MAP OF JAMES R HENRY'S FARM

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AGRICULTURAL ENGINEERING

Agricultural Engineering work during 1945 included soil conservation farm buildings, rural electrification and farm machinery.

Soil Conservation:

Soil conservation work was conducted throughout Chester County by Voluntary Soil Conservation Association in cooperation with the Soil Conservation Service and the Catawba Soil Conservation District.

The Chester County Soil Conservation Association organized in 1939 has continually to actively function, and now has 129 members. The headquarters of the Soil Conservation District which included York, Fairfield, Lancaster and Chester Counties was formed in January 1938, and the technical personell is now engaged in setting up the district plan of soil conservation. The county agents have given assistance in this program. One power terracing outfit is in operation in the county.

Soil conservation work for the year was in cooperation with the Catawba Soil Conservation District, which includes Chester County. The soil conservation service is cooperating with the district and two technicians are assigned to this county. Soil conservation meetings and demonstrations are planned and held in cooperation with the Soil Conservation Service technicians working in the county.

District Farm Plans: During the year 79 district farm plans have been prepared by the soil conservation service technicians working in the county. This brings to a total 148 farm plans in the county. Soil Conservation technicians estimate that 75 percent of the soil conservation practices planned on these farms have been established.

Summary of soil conservation work: The table on the following pages gives a summary of (1) Extension educational activities (2) Extension demonstrations in establish soil conservation practices, and a (3) summary of all soil conservation practices established in the county during 1945.

Soil Conservation Report No. 1

Educational Activities Soil Conservation Chester County  
December 1, 1944 to November 30, 1945

	<u>Number</u>	<u>Attendee</u>
1. Monthly group conference Agricultural workers in County.....	8	40
2. Community meetings with community and Cons. District work....	5	50
3. Field Meetings (Establishing practices.....)	6	64
(Meetings at Demonstrations.....)	0	0
4. County Agent assist Soil Conservation Planning .....	0	0
5. Information material.....	2	800 let
6. Meetings with district supervisors.....	3	15
7. Annual meeting of county association.....	2	12

Soil Conservation Report No. 2

Extension Demonstrations Establishing Soil Conservation Practices  
Chester County December 1, 1944 to November 30, 1945

	<u>Number</u>
1. Perennial lespedeza (meadow strip & field planting).....	2
2. Kudzu (meadow strip & field planting).....	4
3. Strip Cropping.....	3
4. Permanent Pastures.....	10
5. Summer & winter annual cover crops.....	6
6. Terrace construction.....	3
7. Terrace maintenance .....	5
8. Woodland Management demonstration.....	1
9. Forestry pasture demonstration.....	4
10. Forestry plantings.....	6

Soil Conservation Form No. 3

Soil Conservation work in District on Farms Under Agreement- Summary

	<u>1945</u>	<u>Total</u>
1. District agreements made.....	70	129
2. Approved rotation....Acres .....	1025	5772
3. Strip rotation - acres.....	164	6102
4. Muku planted, acres.....	103	1228
5. Sorocia Planted, acres.....	231	632
6. Pasture Improvement- acres.....	595	3220
7. Trees Planted- acres.....	54	624
8. Woodland improvement, acres.....	1325	17,624
9. Terracing (with power terracing units.....	470	10,515
(with power owned equipment.....	358	7,009
10. Terracing on farms not under agreement.....	160	625

Demonstrations in Establishing Soil Conservation Practices for Erosion Control and Land Use- 1945

	<u>Number</u>	<u>Acres</u>
1. Establishing perennials (Lespedeza sorocia.....	22	231
(Muku.....	12	103
2. Establishing strip cropping.....	21	164
3. Establishing permanent pasture .....	33	595
4. Establishing summer cover and winter annuals.....	00	00
5. Farmer built terraces .....	14	358
6. Terrace maintenance.....	62	1200
7. Forestry practices (woodlot management).....	48	1325
(Protection from fire and grazing.....	40	4500
( Planting .....	11	54

FARM BUILDINGS

Farm Building Plans: Farm building plans prepared by the Extension Agricultural Engineering division are kept on file for distribution to farmers. Also these plans are ordered for any farmers desiring same. It is not possible to account for all plans distributed, but the following is a portion that has been distributed.

Summary of Farm Building Plans Furnished Farmers- 1945

<u>Building</u>	<u>Number Plans</u>
Poultry houses	8
Brooder Houses	10
General Purpose barns	4
Dairy Barns	8
Sweet Potato curing houses	6
Double Box silo	25
<b>Total-</b>	<b>61</b>

Farm Machinery School: One hundred twenty-five farmers attended the farm machinery school held at the Allis-Chalmers place on the night of April 20th. The operation of farm machinery was explained by Company officials and interesting movies were shown on postwar farm machinery.

Fish Pond Construction: W C White is building a series of fish ponds in various sections of the county. He has already completed twenty-three ponds. The first of which was built in 1925. His charge is fifty cents a day to fish in these ponds and last year his net was around \$500.00. Several other farmers have built fish ponds in the last year.

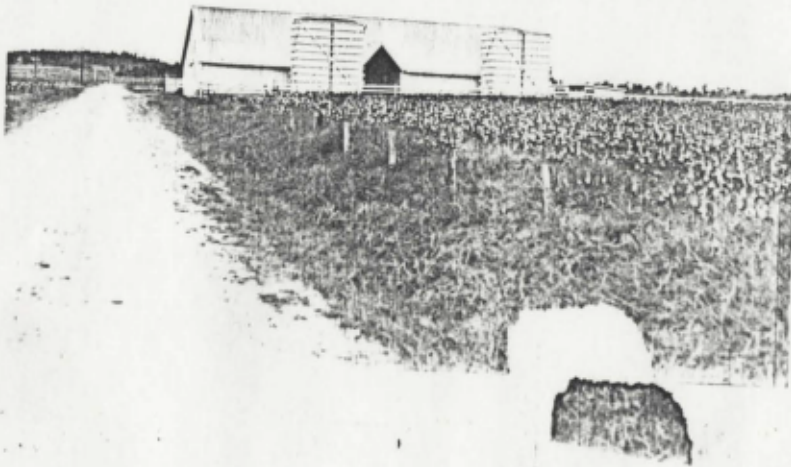
Radsu Crosses: In March 50,000 Radsu crosses were received by farmers in the county from Talapoosa County, Alabama.

Summary Cost Records Single Box Silos

<u>Name</u>	<u>Size</u>	<u>Capacity</u>	<u>Cost</u>	<u>Cost per Ton</u>
J P Gaston	11 X 11 X 25	58 tons	\$100.00	\$1.72
W W Gaston, Jr.	9 X 9 X 20	30 tons	140.00	4.66
J L Lyle	9 X 9 X 22	30 Tons	91.00	3.03
<b>TOTAL-</b>	<b>3</b>	<b>118</b>	<b>\$331.00</b>	
<b>Average Cost Per Ton</b>				<b>\$2.80</b>

SUMMARY COST REPORT DOUBLE BOX SILO

Name	Size	Capacity	Cost	Cost per Ton
J Gill Simpson	10 X 10 X 20	70 Tons	\$200.00	\$2.85
Total	1	70 Tons	\$200.00	\$2.85



The above picture shows the farm layout of R A Oliphant.  
Notice the two double box silos which were constructed at a cost of \$400.00

Summary Cost on Sisalcraft Silos

Name	Size	Capacity Tons	Cost
W M Atkinson	16 X 16	50	\$55.00
L W Orr	16 X 16	50	50.00
W W Gaston, Jr.	12 X 16	35	40.00
G T Ligon	12 X 16	35	42.50
TOTAL	4	170	\$187.50

AGRONOMY

Agronomy work in 1945 consisted of demonstrations and educational work with each of the major Agronomy Projects.

Miscellaneous Activities

Fertilizer: Farmers were urged to obtain lime and phosphate to apply to their soils, and also help earn their soil conservation payments in the AAA Program. In 1945 1557 tons of lime was delivered to farmers in the county and 1325 tons of phosphate. TVA demonstrators received 15,800 pounds of phosphate and 18,500 pounds of Ammonium Nitrate in 1945.

Cotton Improvement: In cooperation with the Coker Pedigree Seed Company at Hartsville, S C ninety farmers planted 2,553 acres of pedigree Coker cotton. These ninety farmers produced this cotton under strict supervision of officials of the Coker Pedigree Seed Company. These seed will be for market. This is the eighth year Chester County farmers have cooperated with the Pedigree Seed Company in growing their increased pedigree seed.

Five Acre Cotton Improvement Demonstrations: Ten Chester County farmers were enrolled in the Five Acre Cotton contest in 1945. Five of these have submitted their records, summary of which are as follows:

SUMMARY RESULTS FIVE ACRE COTTON IMPROVEMENT DEMONSTRATION						
Name	Lbs. Seed Cotton	Lbs. Lint	Value Crop	Cost Prod.	Net Profit	Variety
R E Abell	12975	5060	\$1617.84	\$275.90	\$1341.94	Coker 100 #5
W B Stringfellow, Jr	14295	5002	1419.58	372.20	1047.38	" " "
J B Graham	11755	4114	1351.74	383.09	968.65	Coker 100 Stapl
W P Carpenter	13105	4400	1150.55	326.65	823.90	Coker 100 #4
J A Stevenson	13150	3654	859.03	311.62	547.41	Coker 4-1 Wilt
TOTALS- 5	65200	22230	\$6,378.74	\$1669.46	\$4709.28	--

Average Yield lint per Acre- 889 lbs.  
 Average value per acre \$255.95  
 Average Cost per acre \$ 66.78  
 Average profit per acre \$189.17

Corn Production

Corn Production Demonstrations: Three farmers conducted corn production demonstrations during the year. A summary of these demonstrations follows:

Summary Corn Production Records							
Name	Acres	Yield Bu.	Yield per Acre	Cost Prod	Cost Per Bu.	Value	Profit
W P Carpenter	10.0	120	12	\$203.50	\$20.35	\$210.00	\$7.00
R W Wilkes	4.0	160	40	87.80	21.95	224.00	136.20
J T McDonald	3.0	90	30	72.20	24.07	157.50	85.30



Average Production bushels per acre - 22 Bushels  
 Average value per acre- \$31.80  
 Average cost per bushel- \$ 0.96

SMALL GRAINS

Barley Demonstrations: One demonstration in the production of  
 barley was completed in 1945.

Summary Barley Demonstrations

Name	Variety	Acres	Yield Bu.	Yield per A	Cost per Bu.	Value	Profit
S L Robbins	Marett's Avalans	11.0	560	10	\$307.31	.54 \$810.00	\$532.6
<b>TOTAL-</b>	<b>1</b>	<b>11.0</b>	<b>560</b>	<b>10</b>	<b>\$307.31</b>	<b>.54 \$810.00</b>	<b>\$532.6</b>

Wheat Demonstrations: Four wheat demonstrations were conducted in 1945.  
 A summary of these demonstrations follows:

Summary Wheat Demonstrations

Name	Variety	Acres	Yield Bu.	Yield Per A	Cost per Bu.	Value	Profit
W A Thomas	Coker Red Heart	8.0	200	25	\$101.90	.50 \$324.00	\$222.10
W C McHinch	Coker Hardired	4.0	80	20	75.05	.93 141.00	68.95
Z G Darby	Coker Hardired	33.0	732	22	712.35	.98 \$1207.80	712.35
J D McHinch	Coker Hardired	4.0	72	18	76.60	1.06 129.00	52.40
<b>TOTAL-</b>	<b>4</b>	<b>49.0</b>	<b>1084</b>		<b>\$965.90</b>	<b>\$1804.80</b>	<b>\$1055.80</b>
<b>AVERAGE PER ACRE</b>					<b>\$ 22.12</b>		<b>\$ 21.12</b>

Oat Production: Six demonstrations in the production of oats were conducted  
 in 1945. A summary of these demonstrations follows:

Summary Oat Demonstrations

Name	Variety	Acres	Yield Bu.	Yield per A	Cost per Bu.	Value	Profit
G B Simpson	Coker Fullgrain	33	1320	40	329.55	.25 \$1320.00	\$990.45
W A Thomas	" "	2	76	38	19.80	.26 76.00	56.20
W H Stroud	" Victorgrain	40	1000	25	612.00	.61 1000.00	388.00
J P Gaston	" Forage	12	480	40	124.80	.26 570.00	445.20
J R Henry	" Fullgrain	6	222	37	72.00	.32 222.00	150.00
A C Allen	" "	3	66	22	34.15	.55 66.00	31.55
<b>TOTAL</b>	<b>6-</b>	<b>96</b>	<b>3164</b>	<b>--</b>	<b>1,192.60</b>	<b>-- 3,254.00</b>	<b>2,061.40</b>
<b>AVERAGE PER ACRE</b>			<b>33.0</b>		<b>12.12</b>		<b>\$20.16</b>

Small Grain for Hay: Eight small grain hay production demonstrations were completed in 1915. Results of these demonstrations follows:

Summary Small Grain for Hay

Name	Kind	Acres	Yield		Cost		Value	Profit
			Tons	Prod.	Per Ton	Per Ton		
O D Love	Oats & Vetch	5.0	7	\$117.80	\$16.63	\$210.00	\$92.20	
A C Allen	Oats	9.0	9	101.80	11.20	270.00	168.20	
A P Atkinson	Oats & vetch	12.0	15	122.00	10.13	150.00	268.00	
A P Atkinson	Oats, Barley	3.0	5	68.15	13.69	150.00	81.55	
J P Gaston	Oats	12.0	18	212.00	11.77	510.00	328.00	
W H Stroud	Oats	15.0	68	877.00	12.93	2010.00	1163.00	
W A Thomas	Oats	6.0	6	50.30	8.38	180.00	129.70	
J R Henry	Oats	5.5	4.4	63.10	14.34	132.00	68.90	
TOTAL	8	97.5	132.1	\$1672.15	-	\$3772.00	\$2299.55	
Average	1.25 tons per Acre-				\$12.63	\$23.58	profit per Acre	

Legumes for Hay

Lespedeza Hay Demonstration: One lespedeza for hay demonstration was completed in 1915. A summary of this demonstration follows:

Summary of Lespedeza for Hay Production

Name	Variety	Acres	Yield		Cost		Value	Profit
			Ton	Prod. per Ton	per Ton	per Ton		
W C McWinch	Korean	2.0	4	\$65.80	\$16.15	\$120.00	\$54.20	
TOTAL-	1	2.0	4	\$65.80	\$16.15	\$120.00	\$54.20	

Legumes for Seed

Lespedeza for seed Production: Two lespedeza seed production demonstrations were conducted in 1915. A summary of these follows:

Summary Lespedeza Seed Demonstrations

Name	Acres	Variety	Pounds Seed	Pounds per Acre
C B Simpson	5	Korean	3000	600
J R Henry	17	Korean	5100	300
TOTAL	- 2		8100	

Pounds per acre- 360

Legumes for Soil Building:

Soil Building: One demonstration in legumes for soil building was conducted in 1945. A summary of this follows:

Summary Legume Soil Building Demonstration

<u>Name</u>	<u>Acres</u>	<u>Cost</u>	<u>Cost Per Acre</u>
J S Blaney	60.0	\$327.00	\$5.45
TOTAL- 1	60.0	\$327.00	\$5.45

ANIMAL HUSBANDRY

Animal Husbandry Extension work in Chester County in 1945 consisted of educational demonstration work with swine, beef, cattle, sheep, horses and mules.

Swine: The program of demonstration work with hogs in 1945 included the placing of purebred sires and feeding and management problems.

Purebred Sires: Three purebred boars were placed with farmers during 1945. A record of these placings is given as follows:

Purebred Sires Placed in 1945

<u>Name</u>	<u>No. Boars</u>	<u>Breed</u>	<u>Age</u>	<u>Price</u>
L. L. McCroney	1	Hereford	4 months	\$20.00
Jim Crosby	1	Hereford	5 months	50.00
M A Numery	1	Berkshire	4 months	15.00
<b>Total</b>	<b>3</b>			<b>\$85.00</b>

Summary Placings of Purebred Boars 1938- 1945

<u>Year</u>	<u>Number Placed</u>
1938	3
1939	3
1940	2
1941	4
1942	0
1943	2
1944	7
1945	3
<b>Total</b>	<b>24</b>

S.C. Hereford Sale: D T Welborn's Domino bred bull topped the South Carolina Hereford Breeders sale at the Spartanburg fair, selling for \$1000.00.

Meat Curing: Farmers are becoming more and more interested as to the proper method of curing and cutting pork. The Chester Ice and Fuel Company, which has a storage for meat curing, has increased its number of patrons year after year. This shows that farmers are coming more and more to realize the advantages of this method of saving and properly curing their meat.

Beef Cattle

Beef cattle work in 1945 consisted of placing purebred animals increasing feed production and management problems. A few farmers in Chester County who are not interested in Dairy Cattle and so situated are encouraged with beef cattle production.

Beef Cattle Sales: Quite a number of steers have been sold to 4-H Club boys in other counties for fitting in the fat stock sale. Five of these animals were bought by Greenville County Clubsters.

Male Colt Productions: Farmers are becoming more interested in producing their own males, and are having splendid results with their colts. Many farmers are relying on their brood mares, and have so bred their mares to keep their workstock on the increase without outside production.

Meat Preservation: The freezer locker plant in Chester is to be completed by next spring. This will enable farm families to have a year round supply of fresh meats for the table. Also it will help preserve our meats and vegetables.

### DAIRYING

Extension dairying in 1945 consisted of educational work in the placing of approved purebred sires, advanced registry testing, growing and curing of quality roughages, silage production, annual grazing crops, permanent pastures, construction of dairy barns, use of dairy equipment, buildings, marketing milk, milk production for family use, and commercial milk production for the evaporated milk plant.

Golden Guernsey Cooperative: On December 1, 1943, Grade "A" dairymen met at the Hotel Chester for the purpose of organizing themselves into a Golden Guernsey Cooperative. The plan is to assemble 1000 gallons of Golden Guernsey milk per day for shipment to an out of the county market. Frank Johnson, Representative of Golden Guernsey Inc. was the main speaker.

On November 16, 1944, an Agreement with price schedule was set up and signed by all members of the Cooperative for having their milk hauled to the Edisto Farm Dairy in Columbia, S C.

Bull Survey-Purebred Guernseys: A map of the county has been made for the county agent's office. This map shows the three types of bulls in use in Chester County. A blue button represents on the map the residence of a breeder using a bull out of a cow with a butterfat record of 600 pounds and over, a red button for bulls whose dams have records under 600 pounds, and a yellow button for purebred bulls whose dams have no record.

Cow Sales: The cow, Improver's Flora, bred by Wade H Stroud, Richburg, topped the Trakler Promotional sale on March 20, selling for \$700.00. Sixteen registered heifers and one bull were sold to Alabama farmers for use in 4-H and other promotional work.

Bull Campaign: Breeders were assisted during 1945 in getting their calves registered. The purebred bull campaign which started several years ago has reached the extent of 150 purebred bulls in use within the county. Borden patrons are seeing the value of good bulls and are doing away with scrubs and replacing with bulls of good breeding. Several breeders in the county are swapping their purebred stock for grade bull calves.

Borden Plant Receives Award: On May 16th, the Borden Plant received the War Food Production A award. Three hundred farmers and interested persons attended the event.

Cattle Sales: County Reark and Mr. Allbrook from Alexandria, La. were in Chester County during April and purchased twenty 4-H Club animals for Club boys in Louisiana.

PUREBRED SIRE

Purebred Sires Placed: The purebred sire campaign started in 1935 was continued. Seventeen outstanding bulls were placed in Chester County during 1945. One hundred seventy-four purebred bulls have been placed in the county since 1935. Five bulls were sold in the Chester County Guernsey Cattle Club's Tenth annual sale at public auction for an average of \$533.00. Two of these being bought in the county. One by W B Stringfellow, and the other by Dr. L W Fort. The high standard of selling only bulls out of cows with a butterfat record of 600 pounds of butterfat or better was maintained.

Below is a Summary of Bulls Sold at Public Auction

Year	No. Sold	Total Price	Average
1935	12	\$1710.00	\$142.50
1936	4	505.00	126.26
1937	5	1015.00	203.00
1938	10	1295.00	129.50
1939	5	1015.00	203.00
1940	5	1380.00	276.00
1941	8	1935.00	241.88
1942	4	785.00	196.25
1943	5	1095.00	339.00
1944	6	2115.00	357.50
1945	5	2665.00	533.00
<b>TOTAL-</b>	<b>69</b>	<b>\$11,006.00</b>	<b>Ave. \$203.00</b>

Purebred Sires Placed in Chester County from December 1, 1944 to November 31, 1945

1. Edisto Farms Meddler. Sire-Majesty's Babe Ruth #251503.  
 Dam- Supreme's Lois #477513  
 1111.7- 541- EE  
 Purchased by J Gill Simpson, Rodman, S.C.
2. Klondike Klingsor #271777. Sire- Argilla Knight #193529  
 Dam- Klondike Myrtle #482090  
 9206.9 0 503.5 - G  
 Purchased by Jarvis Fraser, Chester, S C
3. Golden Glow Maxim's Count #327657. Sire-Quail Roost Bonnie Maxim #251093  
 Dam- Count's Gippy Beatrix #444520  
 12165.3- 633.0 - AA  
 Purchased by G P Gilliam, Richburg, S C
4. Klondike Herrod #328313. Born- Sept. 30, 1942. Sire-Klondike Hollimost #237473  
 Dam-Klondike Isabelle #589164  
 11,083- 556.0- FF  
 11,967- 738.0- A  
 Purchased by A P Atkinson, Lowrys, S C

5. Birth Reported. Sire- Quail Roost Improver #228261  
Dam- St. Nick's Lady Mary -  
10,166- 476- GG  
Purchased by John A Simpson, Richburg, S C
6. Quail Roost Prin Maxmoor #370954. Born- Oct. 16, 1914.  
Sire- Quail Roost Maxin's Prince #216634.  
Dam- Rivelon Royal Annie May #1404368  
13,876 - 699- AA  
Purchased by W B Stringfellow, Chester S.C. for \$1,00.00
7. Edisto Farm's Victor #369295. Born- Nov. 20, 1914.  
Sire- McDonald Farms Super Prediction #307814.  
Dam- Valree of Edisto Farms #536696  
13,512 - 702 - EE  
Purchased by Dr. L W Fort, Great Falls, S.C. for \$1,10.00
8. Rover's Fancy Lad #373331. Born Feb. 19, 1915.  
Sire- Edisto Farms Rover #309764.  
Dam- Commonwealth's Nancy Lass #537325  
Purchased by Sampson Smith, Leeds, S C
9. Red Girl's Mae #372190. Born- Aug. 6, 1914.  
Sire- Edisto Farm's Knight #309763  
Dam- Zimacrest Design's Red Girl #709501.  
Purchased by H H Killian, Edgemoor, S C
10. Colvin George of Shirley Farm #372191. Born Feb. 26, 1915  
Sire- Klondike Klingsor #271777  
Dam- Lucile Dale of Sunset Farm #1479793  
Purchased by J G Colvin, Jr. Chester, S C
11. Handee's Ambrose - Born- July 4, 1914  
Sire- Klondike Handee #272769  
Dam- Lucy of Hamilton Echo #186546  
Purchased by Ambrose Wrenn, Chester, S C
12. Demonstrator's Caballero #370064. Born- Feb. 20, 1914  
Sire- Riegeldale Demonstrator #309963  
Dam- Lady Ruby Caballero #732051  
Purchased by George McKown, Blackstock, S.C.
13. Vicar's Gay Cavalier #369102. Born- Dec. 1, 1914  
Sire- Klondike Vicar #271278  
Dam- Cavalier's Coker Helen Gay #553592.  
Purchased by J H Wade, Chester S C
14. Rufus Gay Bill #369625. Born- Jan. 1, 1915  
Sire- Hazelwood's Rufus #279678  
Dam- Gay Mab #619168  
Purchased by W H Bennett, Chester S C



15. Sunshine's Lucky Tector #27063. Born- Sept. 15, 1912  
Sire- Quail Roost Lucky King #280275  
Dam- Sunshine's Rowena #595721.  
Purchased by Geo. E White, Chester, S C
  
16. Improver's Con #361380 . Born May 3, 1912  
Sire- Quail Roost Improver #212938  
Dam- Constance of Stroudcrest #154185  
Purchased by Joel A Smithwick, R2, Chester, S C
  
17. Lady Eloise's Valmost #360975. Born- April 1, 1913  
Sire- Klondike Valmost #270140  
Dam- Ferdinand Lady Eloise #754030  
Purchased by John R Morrison, Richburg, S C

GROWING AND CURING QUALITY ROUGHAGES

Growing Hay: This project is reported under Agronomy Section of this report.

Silage Production: Five demonstrations were conducted with dairymen in the production of silage. A summary of these records follows:

Summary Silage Production Demonstration

Name	Crop	Acres	Ton yield	Yield per A-	Cost	Cost per Acre
W P Carpenter	Corn & S-beans	12.0	85 tons	7 tons	\$204.50	\$17.04
C B Simpson	Cane	9.0	100 "	11 "	147.75	16.42
R H Gladden	Cane	5.0	25 "	5 "	82.25	16.45
A C Allen	Cane	4.5	80 "	18 "	83.25	18.49
J P Gaston	Cane	10.0	150 "	15 "	143.50	14.35
<b>TOTALS</b>	<b>5</b>	<b>40.5</b>	<b>440 Tons</b>		<b>\$661.25</b>	
<b>AVERAGE</b>				<b>11 Tons</b>		<b>\$16.32</b>

Five dairymen produced silage at an average cost of \$16.32 per acre with an average yield of 11 tons per acre.

Annual Grazing Crops: The campaign for annual grazing started in 1940 was carried through 1945. Four annual grazing demonstrations were conducted with farmers. Summary of these demonstrations are as follows:

Winter Grazing Crops: Two farmers conducted demonstrations on winter grazing as follows:

Summary Winter Grazing Crops

Name	Crops	Acres	No. Cows	Days grazed	Cost
J P Gaston	oats, barley & c-clover	30	33	135	\$459.05
W P Carpenter	" " "	9	30	150	163.10
<b>TOTAL-</b>	<b>2</b>	<b>39</b>	<b>63</b>	<b>185</b>	<b>\$622.15</b>

Average Cost per Acre- \$16.00

Average cost per cow per day- \$0.086

From this summary it is shown that winter grazing was produced at a cost of \$16.00 per acre- average cost per cow per day \$0.086.

Summer Grazing Crops: One farmer conducted a summer grazing demonstration as follows:

Summary Summer Grazing Demonstration

Name	Crop	Acres	No. Cows	Days grazed	Cost
W P Carpenter	Meal millet	9.0	105		\$112.00
<b>Total</b>	<b>-</b>	<b>9.0</b>	<b>105</b>		<b>\$112.00</b>

Average cost per acre \$12.14  
 Average cost per cow per day \$0.043

Permanent Pastures: Ten dairymen conducted permanent pasture demonstrations in 1945. A summary of these demonstrations follows:

SUMMARY PERMANENT PASTURE DEMONSTRATIONS IN 1945

Name	Acres	Year Started	Soil Type	PH Soil Test	Degree of Erosion	Mechanical Eng. Prep.	Fertilizer Used	No. Animals grazed	Grasses Seeded	Grazing Dates
W A Thomas	7.4	1939	Cecil	5.90	Sheet	None	Line & Phos.	8	Bermuda & Les.	May 8-Oct.22
W B Stringfellow, Jr.	14.9	1940	Iredel	6.96	Slight	Terraced	Line & Phos.	15	W-Dutch, Ber. Dallas, Lesp.	Mar.1-Nov.1
J Porter Gaston	59.7	1939	Iredel	6.05	Slight	Contoured	Line & Phos.	28	Bermuda, W-Dutch Lespedeza	Apr.1-Oct.1
Frank Kirkpatrick	15.0	1940	Iredel	6.12	Slight	None	Line & Phos.	10	Lesp. Bermuda Dallas	Apr.15-Oct.1
Oscar D Love	14.5	1940	Cecil	5.94	Sheet Gullied	None	Line & Phos.	10	Lesp. Bermuda Dallas	Apr.15-Oct.1
James R Henry	19.2	1940	Iredel	6.20	Slight	None	Line & Phos.	6	Dallas, Bermuda W-Dutch, Lesp.	Apr.15-Oct.20
Wade H Stroud	15.8	1939	Iredel	6.77	Sheet	Terraced	Line & Phos.	50	Bermuda W-Dutch Alslike	Apr.1-Nov.1
Andrew C Allen	22.0	1940	Cecil	6.16	Slight	None	Line & Phos.	15	Dallas, Bermuda White Dutch	Apr.1-Oct.1
C B Simpson	32.0	1944	Cecil	6.50	Slight	None	Line & Phos.	10	Dallas, Bermuda Lesp.	May 1, Oct.1
A P Atkinson	15.0	1944	Cecil	6.70	None	None	Line & Phos.	10	Dallas, Bermuda W-Dutch, Lesp.	Apr.1-Oct.1

Dairy Building and Equipment: The agents and Extension Dairy specialist have cooperated closely with the dairymen in furnishing plans and adopting plans for dairy barns, milk houses and silos. Three new dairy barns were built in 1945 and twelve double box silos were built. A report of this work is under Agricultural Engineering Section of this report.

MARKETING MILK AND DAIRY PRODUCTS

Marketing Milk: The Borden Company began receiving milk as reported in last years report on August 12, 1940. Fifty farmers delivered 3,400 pounds of milk on the first day. In 1941 farmers delivered 30,000 pounds of milk; this was the capacity of the first plant. Only cheese was made in this first plant. Officials of the Borden Company began immediately to complete the evaporating milk plant according to the plans drawn in the beginning which anticipated expansion. Equipment was hard to get but the plant was finally finished at a cost of \$250,000.00 and the plant has a capacity of 150,000 pounds of milk daily. The first can of evaporated milk ever produced in South Carolina was sealed July 12, 1942. This can is carried in the county agent's office and is being kept as official record.

The Borden Company began broadening their territory by placing a feeding plant in Newberry, S C. The first milk was delivered at this plant on August 12, 1942. On account of the scarcity of labor at the plant it is not possible to get an audited record of the number of patrons from Chester County as has been done in previous years, but an increase shows in the number of patrons and pounds of milk sold.

A Summary of Milk Sold and Prices Received at Borden Company from 1941 through 1945

Year	Ave.No Patrons	Pounds Milk Sold	Ave.Price Per Hundred	Price Received
1941	252	3,638,890	2.05	\$ 74,659.32
1942	635	6,916,750	2.31	159,776.93
1943	514	5,597,177	3.00	167,915.31
1944	614	7,405,065	3.00	222,151.95
1945	650	8,125,00	3.148	255,775.00
<b>TOTAL</b>		<b>31,682,882</b>	-	<b>\$800,278.51</b>

Grade "A" Milk Producers: In 1945 fourteen Grade "A" dairymen sold to Edisto Farm Dairy in Columbia and Camden Dairies at Camden a total of 350,850 gallons of milk for the sum of \$144,431.70. A monthly summary of the amount of Grade "A" milk sold is found on the following pages.

Total milk sold from the period October 1, 1944 to September 30, 1945 a total of 13,868, 612 pounds of milk and sold in Chester County.

Dairy Cattle Sales: The county agents cooperated with dairy specialists Merrick-Merryman Sales Company, George B Salley, T F Cooley, R E McLendon, and Frank Johnson in selecting dairy bulls, cows and heifers for the Quail Roost sale, South Carolina Guernsey Cattle Club sale, Tennessee Sate Sale, Klondike sale, Florida State sale, Alabama State sale, Southern Sale, and the Tenth Annual sale of the Chester County Guernsey Cattle Club.

A summary of the above mentioned sales are found on the following pages.

SUMMARY OF CHESTER COUNTY MILK SOLD TO EDLSTO DAIRY, COLOMBIA AND PRICE RECEIVED

NAME	Oct. 1944	Nov. 1944	Dec. 1944	Jan. 1945	Feb. 1945	Mar. 1945	Apr. 1945	May 1945	June 1945	July 1945	Aug. 1945	Sept. 1945	Total Gallons Sold	Price Received
J P Gaston	913	1146	1040	1110	1130	1560	1950	1960	2090	2180	1890	1800	18,799	\$7,895.58
R B Caldwell	1360	1220	1530	1570	1470	1760	1780	1720	1625	1910	1850	1330	19,185	8,067.70
W H Atkinson	1610	953	1093	800	810	862	2120	2220	1830	2306	2119	1896	18,812	7,901.04
H E Hicklin	1517	1470	1770	2200	2140	2350	2350	2195	2350	2110	2260	2150	25,162	10,568.04
L W Orr	2280	2010	1975	2010	1960	2260	2640	2930	3340	2969	3490	3730	31,414	13,193.88
W T Wrenn	1306	1124	1253	948	770	940	1450	1860	1858	2050	2170	1855	17,624	7,402.00
Wade H Stroud	2650	3410	3115	3730	3255	3685	4204	4330	4530	4320	3933	3610	44,672	18,762.54
J Watt Weir	1039	1603	1581	1390	1930	2830	2080	2900	2920	2840	2890	2799	28,402	11,928.84
<b>TOTAL</b>	Gallons milk shipped and price received												204,090	\$85,729.70

SUMMARY CHESTER COUNTY GRADE "A" MILK SOLD TO CAMDEN DAIRIES AND PRICE RECEIVED

Archie Owens	705	875	875	1110	1110	1110	900	820	700	690	690	820	10,485	\$ 4,194.00
M A Summery	3100	3080	3080	3380	3380	3390	3370	3400	3410	3180	3180	3180	39,130	15,652.00
H B Hamilton	1370	1190	1190	1210	1210	1220	1200	1200	1200	1970	1980	1990	16,930	6,772.00
J H Gwin	600	660	670	1330	1330	1340	1505	1710	1715	1550	1540	1520	15,480	6,192.00
J A B Boyd	1050	1010	1020	1070	1080	1070	1380	1540	1490	1480	1540	1480	15,210	6,024.00
J H Barber	3500	3495	3495	4370	4390	4395	4330	4665	4665	4410	4410	4410	49,525	19,810.00
<b>TOTAL</b>	Gallons milk shipped and price received												146,760	\$58,704.00

SUMMARY FAIRWOLD SALE DAIRY CATTLE FROM CHESTER COUNTY

Consignor	Name of Animal	Buyer	Price Paid
Wade H Stroud Richburg	Valmost Lady Dorothy	M L Holt, Columbia, S C	\$350.00
Wade H Stroud Richburg	Valmost Princess Pat	J C Self, Greenwood, S C	200.00
W B Stringfellow Chester, S C	Stringfellow Farms Lois	J C Self	485.00
<b>TOTAL</b>	<b>3</b>		<b>\$1035.00</b>
<b>AVERAGE</b>			<b>\$345.00</b>

SUMMARY SOUTH CAROLINA GUERNSEY CATTLE CLUB SALE FROM CHESTER COUNTY

Consignor	Name of Animal	Buyer	Price Paid
L E Stroud Great Falls	Sunshine's Lucky Valentine	D J Blackman Kershaw, S C	\$685.00
Wade H Stroud Richburg	Improver's Dottie	T W Flowers Rene, Ga.	\$335.00
Wade H Stroud Richburg	Valmost Ruthie	L W Fort Great Falls	\$215.00
R B Caldwell Chester	Hazelwood's Keta	C E Donagan Iargo, Fla.	225.00
R B Caldwell Chester	Hazelwood's Dida	J W Glass Rosewell, Ga.	480.00
Chester Co. Farm Chester	Actor's Fancy Tulip	J B Shuler Orangeburg	130.00
W B Stringfellow Chester	Bright King's Sarah	T W Flowers Rene, Ga.	330.00
O D Love Blackstock	Major's Royal Chassie	C E Donagan Iargo, Fla.	285.00
<b>TOTAL</b>	<b>8</b>		<b>\$2,685.00</b>
<b>AVERAGE</b>			<b>\$335.62</b>

SUMMARY WARD SHARR HEIFER SALE FROM CHESTER COUNTY

NAME	NAME OF ANIMAL	BUYER	PRICE PAID
W B Stringfellow Chester	Hillbright Delight	R H Vannoy Boons, N C	\$200.00
<b>TOTAL</b>	<b>1</b>		<b>\$200.00</b>

HENDERSON COUNTY SALES FROM CHESTER COUNTY

Name	Name of Animal	Buyer	Price Paid
L E Stroud Great Falls S C	Sunshine's Lucky Jaxy	F E Davis Tennessee S C	\$765.00
Crawford Stroud Richburg S C	Valmont Little Jaxy	John Sloan Brentwood, Tenn	400.00
Total-	2		\$1165.00
Average			\$582.50

SUMMARY SOUTHERN GUINNESS SALES CATTLE CHESTER COUNTY

Consignor	Name of Animal	Buyer	Price Paid
L E Stroud Great Falls S C	Sunshine's Lucky Rosette	Dr. McCall Athens, Ga.	\$660.00
TOTAL	1		\$660.00

SUMMARY CHESTER COUNTY COWS SOLD FLORIDA STATE SALES

Consignor	Name of Animal	Buyer	Price Paid
L E Stroud Great Falls S C	Sunshine's Lucky Elsie	--	\$640.00
L E Stroud Great Falls, S C	Sunshine's Vicount Lilly	H C Ross Melborne, Fla.	275.00
Wade Stroud Richburg S C	Improver's Jean Doroso	J W Cross Rosedale, Ga.	625.00
Wade Stroud Richburg S C	Stroudcrest Fancetta	H C Ross Melborne, Fla.	275.00
TOTAL	4		\$1,815.00
Average-			\$453.75

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TENTH ANNUAL CONSIGNMENT SALE

OF THE

# Chester County Guernsey Cattle Club

FAIR GROUNDS

CHESTER, SOUTH CAROLINA

TUESDAY, SEPTEMBER 18, 1945

Commencing at 12:30 O'clock (E. W. T.)

42 QUALITY COWS

10 QUALITY HEIFERS—5 QUALITY BULLS

Tested for T. B. and Bangs

*WRITE FOR CATALOGUE*

TOM McCORD, Auctioneer  
Montgomery, Ala

M. C. CRAIN, Sales Manager  
Chester, S. C.

To \_\_\_\_\_

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- 7 -  
... THE ...

Tenth Annual Consignment Sale

OF THE CHESTER COUNTY  
GUERNSEY CATTLE CLUB

**REGISTERED  
GUERNSEYS**

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Tuesday, Sept. 18, 1945

*Fair Grounds*

At Chester, South Carolina

Chester County Ninth Annual Consignment Sale Guernsey Cattle Club:

The consignment was well balanced, unusually uniform in quality, and the best fitted and presented consignment in that series of sales. There was a large crowd present, and it seemed to Tom McCord, Auctioneer, that they were all bidders as he held a Roman holiday taking bids from all corners with the able assistance of S W Grailing of Orangeburg in the Ring. bidding was brisk and the sale was fast due no little to the efficient handling of the animals in and out of the ring by Messrs. Porter Gaston, Lewis McDaniel, and L W Weir.

The highlight of the sale was the sale of the bull, Maxim's Majesty, consigned by Arden Farm, Clemmons, N. C. After about the \$1,000.00 mark the bidding settled down to a friendly battle between Dr. Grady Coker of Canton, Ga. and C P Ashley of Ware Shoals, S.C. Much to the amusement of the crowd and the consternation of Auctioneer McCord these two gentlemen carried the bull from that point by \$5.00 bids to the top price of the day of \$1060.00, with Dr. Grady Coker the successful bidder. This January calf is really a show prospect- son of Riegeldale Hairy's Consulate, which in turn is by Riegeldale Melba's Hairy out of the great cow, Bournedale Dassel. The dam, Fairfield Hope M with an 815 lb. A record was purchased by Arden Farms in the Ware Shoals Manufacturing Company dispersal sale for \$1150.00.

The top female of the sale was consigned by John H Aycock of McConnellsville, a small breeder of quality Guernseys for which this Chester sale was especially designed. His just fresh, well developed Senior two year old went to Mrs. Dexter White, Chipley, Georgia, at \$650.00.

The average of the sale was \$350.10- five bulls averaged \$533.00; nine open heifers \$157.22; the fresh, near fresh cows, and forward bred heifers averaged \$373.57

On the following pages is summary of the sale.

SUMMARY TENTH ANNUAL CONSIGNMENT SALE CHESTER COUNTY GUERNSEY CATTLE CLUB

Name of Consignor	Name & No. of Animal	Buyer	Price Paid
W W Alman, Jonesville, S.C.	Fudelle Princess of Hill View #533760	J Watt Weir, Jr. Blackstock, S.C.	\$330.00
W W Alman Jonesville, S.C.	Heifer- Born-April 5, 1914	C P Ashley Ware Shoals, S.C.	110.00
W W Alman Jonesville, S.C.	Heifer- Born-April 5, 1914	L W Orr, Blackstock, S C	105.00
A P Atkinson Lowrys, S C	Fashion's Sarah Jane #810898	Mrs. Dexter White Chipley, Ga.	325.00
Atkinson, M O Lowrys, S C	Fashion's Rebecca #808157	Mrs. Dexter White Chipley, Ga.	205.00
John M Aycock Sharon, S C	Fairmont's Glamour Girl #776762	Mrs. Dexter White Chipley, Ga.	650.00
J A B Boyd Blackstock, S C	Sunny Hill's Lucky Lady	E B Haney Lancaster, S C	180.00
R B Caldwell Chester, S C	Hazelwood's Gladys #497752	J Watt Weir, Jr. Blackstock, S C	375.00
R B Caldwell Chester, S C	Hazelwood's Susan Margie #609019	Caughman Bros. Lexington, S C	400.00
R B Caldwell Chester, S C	Hazelwood's Harigold #716755	T Stin Haselton Eustis, Fla.	360.00
Thurmond Chatham Elkin, N C	Klondike Hillinost's Chief	J D Humbright Clever, S C	405.00
S D Craig Blackstock, S C	Verda of Craigcrest #45863	Jos. Lee, Jr. Landrum, S C	190.00
S D Craig Blackstock, S C	Jane of Craigcrest #45866	Woodrow Bagley Chester, S C	155.00
Max A Culp Edgmoor, S C	Knight's Janett	Woodrow Bagley Chester, S C	190.00
<del>Edgmoor, S C</del>	Victor's Dottie May 672853	W T Wrenn Rodman, S C	250.00
J H Dye, Great Falls	Kim's Adeline of Beaver Creek	John M Aycock Sharon, S C	215.00
O J Fletcher McCull, S C	Holl of Woodside Farm #45122	W T Wrenn Rodman, S C	255.00
J F Gilchrist Sharon, S C	Dolly of Woodside Farm #73626	T Stin Haselton Eustis, Fla.	180.00
J F Gilchrist Sharon, S C	Gippy Princess Besse 756323	J Watt Weir, Jr. Blackstock, S C	510.00
Gippy Plantation Moncks Corner, S C	Gippy Galahad's Martha 693131	W B Stringfellow Chester S C	510.00
Gippy Plantation Moncks Corner, S C	Bull Calf- Born-Nov. 20, 1914	Dr. L W Fort Great Falls, S C	410.00
J B Guess, Jr. Denmark, S C	Quindale's Effie 882032	L W Orr Blackstock, S C	165.00
J H Gwin Blackstock, S C	Quindale's Gay Girl 882035	L W Orr Blackstock, S C	170.00
T Holt Haywood Clemmons, N C	Starry's Lettie 682289	T Stin Haselton Eustis, Fla.	260.00
T Holt Haywood Clemmons, N C	Male-Born Jan. 29, 1915	Dr. Grady Colker & Canton, Harris Thurmond, Athens, Ga.	1060.00
Est. L W Henry Rodman, S C	Eula's Jane of Rodman 780586	Mrs. Dexter White Chipley, Ga.	310.00

Consignor	Name of Animal	Buyer	Price Paid
Quail Roost Farm Rougemont, N C	Quail Roost Prim Maxmost 370954	W B Stringfellow Chester S C	\$400.00
J Leonard Kee Rodman, S C	Belfry's Lady's Lynn 855639	Harris Thurmond Athens, Ga.	150.00
Dr. J B Kneese Chesterfield, S C	Blanche Belle Fannie 520606	Paul H Kerr Columbia, S C	370.00
Dr. J B Kneese Chesterfield, S C	Faire of Raymost 561790	T Stin Haselton Eustis, Fla.	385.00
Dr. J B Kneese Chesterfield, S C	Mary Maxin 635932	J Watt Weir Blackstock, S C	500.00
Dr. J B Kneese Chesterfield, S C	Clear View Glory's Lake 795456	Wade H Stroud Richburg, S C	385.00
Dr. J B Kneese Chesterfield, S C	Clear View's Glory Star 803004	Paul H Kerr Columbia, S C	390.00
O D Love Blackstock, S C	Reblen's Royal Donna 579773	T Stin Haselton Eustis, Fla.	395.00
O D Love Blackstock, S C	Caballero's Prudence 761828	W T Wrenn Rodman, S C	300.00
W Y Propst Blairs, S C	Heifer Born-Dec. 18, 1942	Mrs. Dexter White Chipley, Ga.	300.00
Est. J R Reid Richburg, S C	Monte's Golden Violetta 757127	T Stin Haselton Eustis, Fla.	215.00
Riegeldale Farm Trion, Ga.	Male-Born Nov. 26, 1944	J H Cone Plant City, Fla.	390.00
L O Stevenson Wimborne, S C	Chief's Mary of Len-O-Steve 646416	J Watt Weir, Jr. Blackstock, S C	270.00
W B Stringfellow Chester, S C	Majesty's Lady Easter 835550	Lakemont Dairy, Inc. Winter Park, Fla.	500.00
L E Stroud Great Falls, S C	Hickory Ridge Sylvia 635903	J B Guess, Jr. Denmark, S C	600.00
L E Stroud Great Falls, S C	Sunshine's Maxin Roberta #678900	Caughman Bros. Lexington, S C	500.00
L E Stroud Great Falls, S C	Sunshine's Maxin Christine 807766	O J Fletcher McColl, S C	510.00
L E Stroud Great Falls, S C	Sunshine's Lucky Valeta #807767	T Stin Haselton Eustis, Fla.	500.00
L E Stroud Great Falls S C	Sunshine's Lucky Sylvia 810795	A L Brown Concord, N C	550.00
O P Suber Whitnire, S C	Somylaine Maxin Anna 827763	Mrs. Dexter White Chipley, Ga.	455.00
L B Weir Chester, S C	Genelle of Weir Farm 800752	Mrs. Dexter White Chipley, Ga.	165.00
Mrs. Julia S Whiteside Richburg, S C	Ferdinand's Lady Eloise 754030	J B Guess, Jr. Denmark, S C	350.00
Mrs. Julia S Whiteside Richburg, S C	Valmost's Victoria 776311	Lakemont Dairy, Inc. Winter Park, Fla.	300.00
<b>TOTAL-</b>	<b>19</b>		<b>\$17,155.00</b>
<b>AVERAGE</b>			<b>\$ 899.10</b>

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FINANCIAL STATEMENT

TENTH ANNUAL CONSIGNMENT SALE CHESTER GUERNSEY CATTLE CLUB

GROSS SALES	LOT NO.	PRICE
Alman, W W, Pleasant View Farm, Jonesville, S C	1	\$ 330.00
" " "	2	110.00
" " "	3	105.00
Atkinson, A P, Lowrys, S C	4	325.00
Atkinson, M.O. Lowrys, S C	5	205.00
Aycock, John M, Sharon, S.C.	6	650.00
Boyd, J A B, Blackstock, S C	7	180.00
Caldwell, R B. Hazelwood Farm, Chester, S.C.	8	375.00
" " "	9 (Out)	---
" " "	10	400.00
" " "	11	360.00
Chtaham, Thurmond, Klondike Farm, Elkin, N.C.	12	405.00
Craig, S.D. Craigcrest Farm, Blackstock, S.C.	13	190.00
" " "	14	155.00
Culp, Max A. Edgmoor, S.C.	15	190.00
Dye, J H. Great Falls, S.C.	16	250.00
Fletcher, J & O J. McColl, S.C.	17 (Out)	---
" " "	18	215.00
Gilchrist, J F. Sharon, S.C.	19	255.00
" " "	20	180.00
Gippy Plantation, E Graham Carpenter, Mgr. M-Corner, SC	21 (Out)	---
" " "	22	510.00
" " "	23	510.00
Guess, J B. Edisto Farm, Denmark, S.C.	24	410.00
Gwin, J H. Blackstock, S.C.	25	165.00
" " "	26	170.00
Haywood, T. Holt, Arden Farm, Clemmons, N.C.	27 (Out)	---
" " "	28	260.00
" " "	29	1060.00
Henry, Est. L W. Rodman, S.C.	30	310.00
Hill, George Watts, Quail Roost Farm Rougemont, NC	31	400.00
Kee, J Ironard, Rodman, S.C.	32	150.00
Kneece, Dr. J B. Chesterfield, S.C.	33	370.00
" " "	34	385.00
" " "	35	500.00
" " "	36	385.00
" " "	37	390.00
Love, O D. Blackstock, S.C.	38	395.00
" " "	39	300.00
Propst, W Y. Blairs, S.C.	40	300.00
Reid, Est. J.R. Richburg, S.C.	41	215.00
Riegeldale Farm, Ralph W Coarsey, Mgr. Trion, Ga.	42	390.00
Stevenson, L.O. Winnsboro, S.C.	43	270.00
Stringfellow, W B. Hillbright Dairy, Chester, S.C.	44	500.00
" " "	45 (Out)	---

GROSS SALES	LOT NO.	PRICE
Stroud, L E. Sunshine Farm, Great Falls, S.C.	46	\$ 600.00
" " " "	47	500.00
" " " "	48 (Out)	---
" " " "	49	510.00
" " " "	50	500.00
" " " "	51	500.00
Stroud, Wade H. Richburg, S.C.	52 (Out)	---
" " " "	53 (Out)	---
Suber, Mrs. C.P. Whitmore, S.C.	54	455.00
Weir, L. B. R.E., Chester, S.C.	55	165.00
Whiteside, Mrs. Julia S. Richburg, S.C.	56	350.00
" " " "	57	300.00
		<u>\$17,455.00</u>

GROSS EXPENSES:

Tom McCord, Auctioneer.....	\$125.00
Catalogues, 500 copies- 6 x 9.....	351.99
Journal- Page advertisement.....	63.70
Postage- Mailing folders, Cats. Reg. P...	40.00
Long Distance Calls and telegrams.....	16.33
Rent Chairs.....	6.65
Electricity- Duke Power Company.....	1.60
Labor- Fair ground.....	2.00
Shavings- 8 loads @ \$1.50 load.....	12.00
Hay & Straw-T M Grant, Supt. Co. Farm.....	73.95
Advertising Folders- Chester Reporter..	36.00
Richardson Hardware, Roofing, nails, &c..	17.64
S W Gramling, working in ring.....	15.00
Exchange on checks- Commercial Bank....	8.96
	<u>\$770.82</u>
Factor deducted for expenses....	.0449

The following is a quotation from the sales agreement signed by each Consignor....."I hereby covenant and agree that there shall be deducted from the proceeds of sale of this my consignment my prorata part of all expenses of the sale, plus an additional 2 percent for Club purposes (out of County consignors 3 percent), and any other item, or items, of expense incurred by or for me individually".

TO CHESTER COUNTY CONSIGNORS ONLY....."I agree that my current years dues of \$1.00 to said Club, if not previously paid, will be deducted."

ENTOMOLOGY

Extension work in entomology and plant pathology in 1945 was composed of work with crop diseases, crop insects and bee keeping.

Small Grain Disease Control: Small grains in 1945 showed a marked decrease in smut damage. Farmers are planting more smut resistant seed and are treating their seed for smut and other diseases.

Chinch Bug Control: W C Nettles, Extension Entomologist, and the agents made a chinch bug survey on May 24th. During June "dintro" was used on two demonstrations for the control of chinch bugs on corn, and was found to be very effective, especially where it was used as a border.

Cattle Lice and Grub Control: A supply of 1 percent Rotenone dust was kept on hand in the county agent's office. A large number of farmers have purchased this powder for the control of grub and cattle lice.

BEEKEEPING:

E S Prevost, Bee Specialist, was in the county on February 2nd. All beekeepers were visited and helped with their feeding, etc. Helpful instructions were given them and many of their problems solved.

### FORESTRY

Forestry Extension work in 1945 included demonstrations on farm management of woodlands, tree planting, selective cutting and marketing of pulpwood, 4-H Club work, and fire prevention.

#### Farm Woodland Management

In order to demonstrate the value of woodlands to the farmer, a woodland management demonstration was started on the farm of C B Abell in the Lowrys community in 1939. A simple timber management program was suggested that included advice in cutting, utilizing and marketing the timber. A complete timber record was kept showing the amount of timber sold and used, and also cost of operation. The results of this record is listed below for 1945.

Demonstrator	Summary of Woodland Management Record			
	Demonstration Value of Products			
	Acreage in	Used on Farm	Cost	Profit
C B Abell	43.0	\$720.00	\$75.00	\$645.00
Total-	43.0	\$750.00	\$75.00	\$675.00

Mr. Abell cut those trees which were damaged and infected with insects and used them for firewood and saw timber for farm and home use. This summary shows a profit of \$15.00 per acre was earned as an increase in the value of woodland.

#### Tree Planting

The county agents cooperated with the Catawba Soil Conservation Service and the Chester County Forest Protective Association in the promoting and planting of trees.

#### Summary of the Trees Planted in 1945

Source of Trees	Number
Trees ordered through S C Forestry Service	22,500
Trees ordered through Crown and Cork Seal Company	400
Total trees planted	22,900

This summary shows a total of 22,900 trees were planted in Chester County during 1945.



Free Seedlings Donated by Paper Companies in 1945

Landowner	Address	No. Species Slash
M C Crain	Chester	2,500
Mrs. J P Moore	Lumberton	2,500
D C Reid	Richburg	2,500
Lizzie H Reid	Richburg	2,500
Rodgers M Reid	Richburg	2,500
T B Reid	Richburg	2,500
R A Stevenson	Richburg	2,500
W B Stevenson	Ehester	2,500
Mrs. W C Thomson	Gaffney	2,500
<b>Total</b>	<b>9</b>	<b>22,500</b>

Distribution of Cork Oak Seedlings Chester County 1945

Landowner	Address	No. Cork Oak
Parke Thomson	Rl, Sharon	200
Herman Carter	Rl, Lowrys	200
<b>Total-</b>	<b>2</b>	<b>400</b>

**Forestry Meetings:** Forestry management and thinning woodlands were demonstrated at the two forestry demonstrations on February 19th. The morning demonstration held at the farm of W W Gaston, Jr. was attended by 75 farmers. The afternoon demonstration held at the farm of J H Gwin was attended by 30 farmers. Demonstrations consisted of the use of a gasoline operated chain saw and a tractor power take off Ottawa saw.

**4-H Timber Thinning Contest:** All contestants in the 4-H Forestry contest were visited during February and helped with measuring off their plots, and given information as to how the project should be carried out. Twenty members have been enrolled in the contest.

**Winners in the 4-H Forestry Contest:** Five winners competed in the 4-H Thinning contest. First place went to Jimmy Gaston; second to Tommy Gwin; third to Lowry Simpson; fourth to Willis Crain, and fifth to Tom Pie Gregory. These boys received \$58.75 in prize money.

**Veneer Plant:** A survey was made with representation on the possibility of locating a veneer plant in Chester County. Tremendous amount of hardwood are located along creeks and streams throughout the county.

**Bow Saw Demonstrations:** Two bow saw demonstrations were given with the assistance of J Ray Orr, Extension forester, and Elvin Roberts, Sandwich Saw Representative. The morning demonstration was held at the farm of M O Atkinson Lowrys community at which there were six farmers. The afternoon demonstration was held at O D Love's farm, Blackstock community with an attendance of eight farmers. These demonstrations were very helpful, but due to an unusually busy farming season the attendance was low.

Ripwood Thinning Contest: To date no one has definitely enrolled in this contest. Quite a number of farmers were interested, but either their woodlands were too sparse, or they didn't definitely decide to enter the contest. It looks as if they are so tied up with other work that we will have only limited number enrolled in this contest, if any.

Four-H Forestry Program Conducted: The program "How Forest Serve Mankind" was given at all 4-H Club meetings during the month of September and October. 4-H Club members enrolled in these clubs throughout the county conducted the program and it was very worth while. A total attendance of sixty club members were present for these meetings.

### FOUR-H CLUB WORK

Boys 4-H Club work was conducted in four communities in Chester County in 1945, also one County Calf Club and one County 4-H Production Club. The total enrollment of boys in 4-H Club work was 152. Monthly meetings were held at these Clubs, with the exception of the Calf Club. The county agents kept in close contact with Calf Club members and visited them regularly to help and advise them in feeding and caring for their animals.

National 4-H Club Conference: John A Simpson, winner in the State Health Contest, enjoyed his trip to the 4-H Club Conference in Chicago from December 2 to 6. He made a report of his trip at our 4-H Council meeting on December 16th. and challenged every boy and girl in Chester County to compete for winnership in conference trips next year. He plans to try soil conservation for his project next year.

Four-H Council Meeting and Christmas Social: Chester County 4-H Club Council held its annual meeting on December 16th. Council officers presided and club members received their awards for the completion of their 1944 Projects. Calf Club members received their prorata share of the 1944 premium money won at the Spartanburg and State Fairs. Speakers on the Program were Senator Wilbur Grant and Dan Lewis. The recreational program was led by O. Romaine Smith. One hundred twenty-five Four-H members were present.

Four-H Calf Club Work: On December 19 and 20th. C H Lomas, Assistant Extension Dairy Specialist, and I visited Calf Club members and dairymen in the county. Several dairymen are building new barns and assistance was given them, as well as advising Calf Club members.

Four-H Timber Thinning Contest: Quite a number of Club members have been enrolled in the 1945 4-H Timber Thinning Contest.

Four-H Dairy Production Club: A pamphlet on the construction and production of clean milk through the use of a home made stanchion and milking stall has been printed for use by 4-H members who are milking cows. John A Simpson and Jimmy Gaston both won \$25.00 War Bonds in the National Dairy Production contest for 1944. These bonds were presented at the annual meeting of the South Carolina Guernsey Cattle Club in Columbia on February 6, 1945.

Four-H Calf Club Work: The South Carolina Guernsey Cattle Club at its Annual meeting on February 6th. invited an outstanding Guernsey Calf Club member for every five enrolled in the different county clubs. Nine outstanding 4-H Calf Club members represented the Chester County 4-H Calf Club. Jimmy Gaston was chosen as the outstanding Guernsey Calf Club member in South Carolina and received free membership in that Club until he is twenty-one years of age.

Four-H Timber Thinning Contest: All contestants in the 4-H Forestry Contest were visited during February and helped with measuring off their plots and were given information as to how the project should be carried out. So far twenty members have entered the contest.

Winners in the 4-H Forestry Contest- were as follows:  
1st. Jimmy Gaston; 2nd. Tommy Gwin; 3rd. Lowry Simpson; 4th. Willis Crain, and 5th. Tom Pic Gregory. These boys received \$67.75 in prize money.

Camp Long: Eighty-six 4-H Club boys and girls enjoyed the week of July 2-6 at Camp Long.

Four-H Council Meeting and Rally Day: On August 4th. sixty Club members met at the Chester County Fair grounds to hold their annual Council meeting and Rally Day. The program was given by the Council officers, after which lunch was served. New officers were elected for the coming year.

Four-H Calf Club Elects Officers: At a meeting of the Chester County 4-H Calf Club on August 4th. the following officers were elected for the 1944-45 year. President- John A Simpson; Vice-President- Cloud H Hicklin, and Secretary-Treasurer- Robert L Reid.

Health Contest: Chester County had two winners in the District Health Contest on September 25th. Nancy Neely won first prize in the Health Contest for girls and Lowry Simpson first in the Health Improvement Contest for boys

Chester County 4-H Guernsey Calf Club Show and Banquet: The Chester County 4-H Guernsey Calf Club's exhibit at the Fairgrounds Friday afternoon, October 19th. brought out a large and interested crowd, including many well known dairy cattlemen of the two Carolinas, Georgia and other nearby States. The Danish System was used by Mr. W W Fitzpatrick in passing on the merits and demerits of the various animals, the cattle show by the clubsters being shown in four groups within each of the six classes. A total of \$400.00 was offered in prizes to those competing, including the fitting and showmanship classes.

The top-flight winners in the show were shown at the State Fair in Columbia. The others were on exhibition at the Chester County Fair.

The show and the supper on Thursday evening, October 18th. at St. Mark's Episcopal Parish House were largely due to R A Oliphant, President of Victor Fertilizer Company, who is keenly interested in the growth of dairying in this county and proposes in the years ahead to continue to co-operate with the Calf Club and lend his assistance. Mr. H L Richardson also helped generously with the prizes.

At the exercises Thursday night, C G Cushman, Dairy Specialist, Clemson College, was toastmaster, and Mr. Paul H Saunders of Richmond, Va. was the speaker. A most delightful banquet was served by Miss Julia Dukes, Home Demonstration Agent, and her organization.

An outstanding feature of the Banquet was the crowning of Nancy Neely of Smith Turnout, as the 4-H Guernsey Calf Club Queen. Her attendants were Antonette Simpson and Gage Carpenter. Seated on her white throne she had the crown placed on her head by Major W L Abernathy, of the 101st Airborne Division now in service, whose home is at Fort Lawn, Chester County, and a former 4-H Club member. The Queen just recently won the first prize at the contest in Spartanburg as the most healthy girl in the 4-H Club Piedmont district.

A talk was made by Don Lewis, Director of 4-H Boys' Club work with the Extension Service of Clemson College. John A. Simpson, President of the Calf Club, welcomed the guests. Mrs. J. Harvey Neely spoke in behalf of the mothers present, and Mr. J. Porter Gaston in behalf of the fathers.

Others among the special guests were: Thomas W. Morgan, Assistant Director; L. B. Massey, District Agent; C. G. Peebles, Soils Specialist; C. H. Lomas, Dairy Specialist; and W. H. Fitzpatrick of Rougemont, N. C.



The above picture shows the First Guernsey Queen of Chester County, Miss Nancy Neely and also Major W. L. Abernathy, Jr. who crowned her as such.



The above picture shows Danl Saunders, Editor Southern Planter the main speaker at the 4-H Calf Club Banquet held Oct. 18 th at the Episcopal Parish House.



The above picture reading from right to left shows; Jimmy Gaston and his cow the Grand Champion at the 1st Chester County 4-H Calf Club show, 2nd in the picture is W. W. Fitzpatrick, Quail Roost Farm the judge of the event, 3rd is R. A. Oliphant, Pres. Victor Fertilizer who made the show and banquet possible by giving \$500.00 and 4th in the picture is Elliott McDonald who is showing his brother Sanford's cow who was made Junior Champion of the show.



The above picture shows a scene at the 1st Chester County 4-H Calf Club show held on October 19th at the Chester County Fair Grounds.

SUMMARY 4-H CLUB ENROLLMENT AND COMPLETION

Name of Club %	No. Members Enrolled	No. Completed Demos.	Percent members Completing Demos.
County 4-H Calf Club	40	35	88
Dairy Production Club	12	9	75
Edgemoor 4-H Club	10	10	100
Fort Lawn 4-H Club	19	17	89
Wilksburg 4-H Club	15	10	67
Great Falls 4-H Club	56	11	20
TOTALS-	5	152	92

SUMMARY COMPLETED 4-H DEMONSTRATIONS- 1945

Demonstration	No. Completed	Value Products	Total Cost	Profit
Dairy Calf Club	35	\$12,968.98	\$9,702.52	\$3,266.46
Dairy Production Club	9	2,758.00	1,315.59	1,442.41
Pig Club	18	844.50	569.15	275.35
Beef Club	10	792.00	306.00	486.00
Poultry Club	6	315.00	211.00	104.00
Corn Club	6	555.00	179.00	376.00
Home Garden Club	6	164.00	42.25	121.75
Cotton Club	1	256.05	30.00	226.05
Peanut Club	1	12.00	10.00	2.00
TOTAL-	9	\$18,665.53	\$12,365.51	\$6,292.90

SUMMARY DAIRY Calf CLUB DEMONSTRATIONS

NAME	No. Animals Beg-year	No. Animals Close yr.	Total Value	Total Cost	Profit
Jimmy Roberts	1	1	\$104.00	\$ 70.00	\$ 34.00
Willis Crain	2	3	1001.25	511.35	489.90
Tom Nichols	1	1	311.00	235.58	75.42
John P Gaston	1	1	536.50	416.50	120.00
Joe S Gaston	1	1	500.90	353.90	227.00
Mary S Gaston	1	1	269.00	267.45	1.55
Newton Gaston	1	1	548.53	326.55	221.98
Tommy Gwin	1	1	100.00	76.55	23.45
Billy Burns	1	2	300.00	189.00	111.00
Charles Gwin	1	1	108.00	96.50	11.50
Harriet Gaston	1	1	150.00	128.75	21.25
Charles Culp	1	1	200.00	174.50	25.50
Claud Gwin	1	1	150.00	137.50	12.50
Essie Gwin	1	1	263.00	228.10	34.90
Franklin Locke	1	1	349.00	347.80	1.20
Jimmy Gaston	2	2	1236.08	737.99	498.09
Sanford McDonald	2	2	300.00	184.80	115.20

CONTINUED- DAIRY CALF CLUB DEMONSTRATIONS

Elliott McDonald	2	2	150.00	143.50	1.50
John R Morrison, Jr	1	1	206.00	161.60	44.40
Jack Barnes	2	2	409.00	387.00	22.00
Bobby Barnes	1	1	261.00	215.00	46.00
Nancy Neely	1	1	259.00	255.75	3.25
Francis Turner	2	2	215.00	141.00	73.40
Cloud Hicklin	3	3	515.00	502.85	12.15
John M Hamilton	1	1	202.50	163.73	38.77
Billy Carpenter	1	1	215.00	136.10	78.90
Lowry Simpson	1	1	303.00	275.00	28.00
Bob Reid	1	2	420.00	390.68	29.32
Tom Reid	1	1	271.00	235.30	35.70
John A Simpson	3	5	495.00	331.00	164.00
James E Cushman	2	2	1193.22	1120.94	372.28
Charles Simpson	1	1	295.00	210.75	84.25
Elizabeth Carpenter	1	1	215.00	136.10	78.90
Mary Carpenter	1	1	400.00	300.80	99.20
Gage Carpenter	1	1	125	107.00	18.00
<b>Total - 35</b>	<b>46</b>	<b>52</b>	<b>\$12,968.98</b>	<b>\$9,702.52</b>	<b>\$3,266.46</b>

SUMMARY DAIRY PRODUCTION CONTEST RECORDS

Name	Days	Lbs. Milk	Lbs. Fat	Value	Silage	Hay	Grain	Fast-ure	Cost	Feed	Value Ab.fo
John A Simpson	252	5521	238.2	\$166.17	510	1380	1200	210	\$8.00	63.89	\$102.
John P Gaston	274	4250	185.8	127.20	-	2140	1566	365	10.75	66.70	60.
Bill Gladden	306	6335	259.2	191.85	-	1530	3654	365	6.00	15.80	46.
Francis Turner	330	9429	432.1	282.87	2140	6390	2880	150	5.00	288.02	51.
Glenn White	365	10558	509.7	347.85	-	6000	2880	365	21.00	182.22	168.
Robert Reid	304	6148	289.3	184.44	-	5460	1200	153	5.00	54.66	29.
Donald Quattlebaum	332	11100	447	773.85	400	4850	4360	158	7.30	219.75	521.
Jimmy Gaston	335	7449	351.7	244.12	1850	1450	2575	365	11.50	126.55	117.
Willis Crain	361	8402	336.1	439.65	-	2000	3050	361	37.00	98.00	411.
<b>TOTALS- 9</b>	<b>69,252</b>	<b>3019.1</b>	<b>2,758.00</b>	<b>5250.21</b>	<b>21,200</b>	<b>23,365</b>	<b>194,55</b>	<b>1315.59</b>			
<b>Average</b>	<b>7,694</b>	<b>327.7</b>	<b>\$306.44</b>					<b>\$146.17</b>	<b>\$160.5</b>		

These dairy production records show an average production of 7,694 pounds milk and 327.7 pounds of butterfat at the average value above feed of \$160.58



SUMMARY PIG CLUB DEMONSTRATION

NAME	No. Animals	Days Fed	Gain In Weight	Total Value	Total Cost	Profit	
C A Hollis, Jr.	1	200	100	\$15.00	\$30.15	\$14.85	
Tommy Gwin	2	100	40	30.00	20.00	10.00	
Reeves Hill	1	300	95	66.00	40.00	26.00	
Jack Revis	1	250	350	52.50	15.00	37.50	
Douglas Adams	2	90	90	15.00	5.00	10.00	
Robert McDaniel	1	240	185	36.00	25.00	11.00	
Thomas Benson	1	300	260	45.00	25.00	20.00	
Fat Simpson	1	365	350	60.00	48.00	12.00	
Keith Fernandes	1	210	200	40.00	30.00	10.00	
Joe Collins	1	360	100	75.00	55.00	25.00	
Jimmy Humery	3	360	300	75.00	50.00	25.00	
Bobby Edwards	2	225	375	60.00	40.00	20.00	
G W Pettit	1	270	100	30.00	21.00	9.00	
Bill Barnes	1	365	200	30.00	10.00	20.00	
Gene Pettit	1	150	50	20.00	8.00	12.00	
Jimmy Wilson	1	365	200	50.00	47.00	3.00	
Avis Pettit	1	365	300	65.00	60.00	5.00	
Howlette Roddy	1	300	300	50.00	40.00	10.00	
<b>TOTAL-</b>	<b>18</b>	<b>22</b>	<b>4815</b>	<b>3595</b>	<b>\$214.50</b>	<b>\$569.15</b>	<b>\$265.75</b>

SUMMARY BEEF CLUB DEMONSTRATION

NAME	No. Animals	Days Fed	Gain in Weight	Total Value	Total Cost	Profit	
John Dail	1	240	200	\$110.00	\$90.00	\$20.00	
Edward Steele	1	100	100	50.00	10.00	40.00	
Bobby Clark	1	365	200	50.00	22.00	28.00	
Johny Thomas	1	350	200	75.00	30.00	45.00	
Alger Estes	1	200	180	50.00	27.00	23.00	
Harold Cassels	1	365	120	40.00	24.00	16.00	
Gene Turner	1	352	200	50.00	25.00	25.00	
Dallis George	1	365	100	300.00	40.00	260.00	
Wayne Carter	1	50	90	17.00	6.00	11.00	
Malone Young	1	280	400	50.00	32.00	18.00	
<b>TOTALS-</b>	<b>10-</b>	<b>10</b>	<b>2667</b>	<b>1790</b>	<b>\$792.00</b>	<b>\$306.00</b>	<b>\$486.00</b>

SUMMARY POULTRY CLUB DEMONSTRATIONS

NAME	Chickens Hatched	Chickens Raised	Total Value	Cost	Profit
Dewey Puricer	20	20	\$60.00	\$27.00	\$33.00
Glenn Adkins	14	14	24.00	14.00	10.00
Laura Spivey	15	15	15.00	10.00	5.00
Thomas Black	35	35	82.00	30.00	2.00
Billy Collins	100	100	106.00	72.00	34.00
Junior Allen	10	10	28.00	8.00	20.00
TOTAL- 6	194	194	\$315.00	\$211.00	\$104.00

SUMMARY CORN CLUB DEMONSTRATIONS

NAME	No. Acres	Yield Bu.	Total Value	Total Cost	Profit
Lee Jacobs	2.0	40	\$80.00	\$32.00	\$48.00
Thomas Barchood	4.5	75	100.00	15.00	85.00
Calvin Steele	3.5	100	150.00	71.00	79.00
Karl Barchood	3.0	75	75.00	25.00	50.00
Alvin Barchood	5.0	85	130.00	25.00	105.00
Jimmy Wilson	1.0	20	80.00	11.00	9.00
Totals- 6	19.0	395	\$525.00	\$172.00	\$376.00

SUMMARY HOME GARDEN DEMONSTRATIONS

Name	Acres	Yield Bu.	Total Value	Total Cost	Profit
Neal Benson	0.1	6	\$30.00	\$8.00	\$22.00
G C Stroud	1.0	11	55.00	20.00	35.00
Billy Thomas	0.25	2	9.00	4.75	4.25
Foster Nichols	0.5	4	20.00	1.50	18.50
Billy Edwards	1.0	20	50.00	8.00	42.00
TOTAL- 5	2.85	43	\$164.00	\$42.25	\$121.75

SUMMARY COTTON CLUB DEMONSTRATIONS

NAME	ACRES	Yield		Value	Cost	Profit
		Lbs. Seed Cotton	Lbs. Lint			
Jack Dixon	2.0	3025	1007	\$256.05	\$30.00	\$226.05
TOTAL-	1	2.0	3025	\$256.05	\$30.00	\$226.05

SUMMARY PEANUT CLUB DEMONSTRATION

NAME	ACRES	Yield		Value	Cost	Profit
		Bu.	Bu.			
Tommy Campbell	0.5	2		\$12.00	\$10.00	\$2.00
TOTAL-	1	0.5	2	\$12.00	\$10.00	\$2.00

RESULTS OF THE CHESTER COUNTY L-H CALF CLUB SHOW

The following are the results of the first Chester County L-H Calf Club Show held Friday, October 19th, 1915, sponsored by the Victor Fertilizer Company, R.A. Oliphant, President. W W Fitzpatrick, Manager, Quail Roost Farm, Rougemont, N C was Judge for the occasion and placed the calves according to the Danish System.

JUNIOR CALF CLASS

2nd. Group  
 1st. Ardionette Simpson.....\$8.00  
 2nd. Gage Carpenter..... 8.00  
 3rd. Mary Carpenter.....8.00

3rd. Group:  
 1st. Charles Owin..... 6.00  
 2nd. Robert Lee Atkinson..... 6.00  
 3rd. Sanford McDonald..... 6.00

4th. Group:  
 1st. John A Simpson..... 4.00  
 2nd. John A Simpson..... 4.00

SENIOR CALF CLASS

2nd. Group:  
 1st. Cloud Owin..... 8.00  
 2nd. Jinny Gaston..... 8.00

3rd. Group:  
 1st. Bob Reid..... 6.00  
 2nd. Cloud Hicklin..... 6.00  
 3rd. Tom Nichols..... 6.00

4th. Group:  
 1st. Willis Crain..... 4.00  
 2nd. Elliott McDonald..... 4.00

JUNIOR YEARLING CLASS:

1st. Group:  
 1st. Sanford McDonald.....10.00

2nd. Group:  
 1st. Essie Owin..... 8.00

3rd. Group:  
 1st. Jack Barnes..... 6.00  
 2nd. John A Simpson..... 6.00

4th. Group:  
 1st. Jinny Roberts..... 4.00  
 2nd. John R Morrison, Jr..... 4.00

SENIOR YEARLING CLASS

1st. Group:  
 1st. Billy Carpenter.....\$10.00

2nd. Group:  
 1st. Cloud Hicklin..... 6.00  
 2nd. Bobby Barnes..... 6.00

2nd. Group:  
1st. Group:  
 1st. Nancy Neely..... 4.00  
 2nd. Franklin Looko..... 4.00

TWO YEAR OLD CLASS

1st. Group:  
 1st. John P Gaston ..... 10.00

2nd. Group:  
 1st. Eleanor Reid..... 8.00  
 2nd. Newton Gaston..... 8.00  
 3rd. Tom Reid..... 8.00

3rd. Group:  
 1st. Elizabeth Carpenter..... 6.00  
 2nd. Willis Crain..... 6.00

4th. Group:  
 1st. John A Simpson..... 4.00

THREE YEAR OLD AND OVER CLASS:

1st. Group:  
 1st. Jinny Gaston..... 10.00  
 2nd. Jinny Cushman..... 10.00

3rd. Group:  
 1st. Mary Seye Gaston..... 6.00

4th. Group:  
 1st. Cloud Hicklin..... 4.00  
 2nd. John A Simpson..... 4.00

JUNIOR CHAMPION:  
 Sanford McDonald..... 5.00  
SENIOR CHAMPION:  
 Jinny Gaston..... 5.00

GRAND CHAMPION:  
Jinny Gaston..... \$5.00

SHOWMANSHIP CLASS:

1st. Jinny Cushman.....\$10.00-  
2nd. John A Simpson..... 8.00  
3rd. Jinny Gaston.....6.00  
4th. Willis Crain.....4.00  
5th. John P Gaston.....3.00

FITTING CLASS:

1st. Jinny Gaston..... \$10.00  
2nd. Jinny Cushman..... 8.00  
3rd. John P Gaston..... 6.00  
4th. Bob Reid..... 4.00  
5th. Mary Sage Gaston..... 3.00

FOUR-H CALF CLUB WINNINGS AT THE CHESTER COUNTY FAIR- 1945

JUNIOR CALF CLASS:

1st. Sanford McDonald.....\$5.00  
 2nd. John A Simpson..... 3.00  
 3rd..John A Simpson..... 2.00

JUNIOR YEARLING CLASS:

1st. Jack Barnes.....\$5.00  
 2nd. John A Simpson..... 3.00  
 3rd. John R Morrison, Jr..... 2.00  
 4th. Jimmy Roberts..... 0 00

SENIOR CALF CLASS:

1st. Tom Nichols..... 5.00  
 2nd. Willis Crain..... 3.00  
 3rd. Elliott McDonald..... 2.00

SENIOR YEARLING CLASS:

1st. Bobby Barnes..... 5.00  
 2nd. Nancy Neely..... 3.00  
 3rd. Franklin Locke..... 2.00

TWO YEAR OLDS:

1st. John A Simpson..... 5.00  
 2nd. Willis Crain..... 3.00  
 3rd. Elizabeth Carpenter..... 2.00

THREE YEAR OLDS:

1st. Booster Hicklin..... 5.00  
 2nd. John A Simpson..... 3.00

GRAND CHAMPION:     Booster Hicklin.....\$10.00

LIST OF WINNINGS OF CHESTER COUNTY 1 1/2-H CALF CLUB AT STATE FAIR-1945

IN 1 1/2-H CLASS:

FITTING:

Bob Reid -           3rd.         \$2.50  
 Jimmy Gaston-       5th.         2.00

JUNIOR CALF CLASS:

Mary Carpenter     2nd.         6.00

SENIOR CALF CLASS:

Bob Reid           3rd.         \$5.00  
 Jimmy Gaston       4th.         4.00  
 Booster Hicklin    5th.         2.00

SENIOR YEARLING CLASS:

Billy Carpenter    3rd.         5.00  
 Booster Hicklin    5th.         2.00

TWO YEAR OLD CLASS:

John P Gaston     1st.         8.00  
 Tom Reid           3rd.         5.00  
 Sanford McDonald 6th.         1.00

THREE YEAR OLD AND OVER CLASS:

Jimmy Gaston       1st           8.00  
 Jimmy Cushman     3rd.         5.00  
 Mary Saye Gaston 6th.         1.00

SR. CHAMPION COW:

Jimmy Gaston-

GR. CHAMPION COW:

Jimmy Gaston

SHOWMANSHIP:

Jimmy Cushman     1st.         4.00  
 John A Simpson    2nd           3.00  
 Jimmy Gaston       4th.         2.00

CHESTER COUNTY GROUP.....\$12.00

CHESTER COUNTY-     2nd.

PRODUCE OF COW:

CHESTER COUNTY     1st.         8.00

GET OF SIRE:

OPEN CLASSES:

SENIOR CALF:

Mary Carpenter ..... 5th. 85.00

SENIOR YEARLING:

Billy Carpenter ..... 5th. 5.00

TWO YEAR OLD:

John P Gaston ..... 3rd. 12.00

Tom Reid ..... 5th. 5.00

3 YEAR- 4 YEARS:

Jimmy Cushman ..... 1st. 18.00

Mary Saye Gaston ..... 5th. 5.00

4 YEARS OLD AND OLDER:

Jimmy Gaston ..... 2nd. 15.00

PRODUCE OF COW:

Chester County ..... 1st. 17.00

HORTICULTURE

Horticulture Extension work in Chester County consisted of work on sweet potatoes, campaigns for better home gardens, home orchards, truck crops and peaches.

Chester County Club Markets: This market is owned and operated under the supervision of farm people and the home agent, and furnishes a source of marketing from which garden produce is sold during the year.

Sweet Potatoes: A group of farmers were carried to Cherokee County to see sweet potato houses. A sweet potato meeting was held in the Lowrys Community on March 15th, at which time farmers made more plans to grow more potatoes during 1945. Hugh Bowers, Assistant Horticulturist, assisted with this meeting. To date 30000 bushels of sweet potatoes have been sold for \$7,200.00.

Fire-heated Hotbeds: Two record demonstrations were conducted on the operation of preheated hotbeds for the production of sweet potato plants. A summary of these demonstrations follows:

Summary Fire-Heated Hotbed Demonstrations

Name	Size of bed	Du. Bedded	Date Bedded	1st. plants	No. Plants
J S Blaney	6 X 60	25	Apr. 8	May 22	60,000
W A Byars	6 X 50	38	Apr. 1	May 15	140,000
H O Atkinson	8 X 60	50	Mar. 20	May 5	60,000

Sweet Potato Demonstrations: Four demonstrations in the production of sweet potatoes were completed in 1945. A summary of these demonstrations follows:

Summary Sweet Potato Demonstrations

Name	Acres	No. 1	No. 2	Culls	Cost	Value	Profit
J J Dodds	1.5	100	150	150	\$120.80	\$510.00	\$419.20
W A Byars	1.5	100	25	200	102.80	438.75	335.95
J G Grant	1.0	20	200	14	93.85	280.00	186.15
R C Gay	3.0	700	200	0	349.95	2025.00	1675.05
Total- 4	7.0	920	575	364	\$667.40	\$3283.75	\$2616.35
Average per Acre		131	82	52	\$ 95.34	\$ 469.11	\$ 373.76

These records show an average yield of 131 bushels No. 1's per acre; 82 bushels No. 2's per acre, and 52 bushels culls per acre at a cost of \$95.34 per acre, declaring a profit of \$373.76 per acre.



HORTICULTURE (Continued)

Peaches: Chester County peach growers had a most profitable season; sixty cars having been shipped and 50,000 bushels sold orchard run, which sold for \$122,500.00.

MARKETING

Extension work in marketing for 1945 consisted of demonstrations in grading, packing, and aiding farmers in selling farm products. The county agents with the help of the marketing division worked closely with the producers in the Lowrys Community in the marketing and of sweet potatoes and peaches.

Marketing of Livestock and Milk Products: A summary of registered Guernsey cattle sold at public auction and also milk sales will be found under Dairying of this Report. Extension specialists gave valuable help in selecting the animals and directing the activities of the Tenth Annual Chester County Guernsey Cattle Club sale.

Considerable time and effort was spent in increasing the number of patrons to sell milk to the Borden Plant in Chester.

Summary of the amount and value of products sold and marketed through the County Agent's office, assisted by Extension Specialists, are as follows:

Summary Marketing for 1945

<u>Products</u>	<u>Quantity</u>	<u>Value of Products</u>
Milk sold to Borden Plant	8,125,000 lbs.	\$655,775.00
Grade "A" Milk- Columbia, S.C.	201,090 lbs.	85,729.70
Grade "A" milk- Camden, S C	146,760 lbs.	58,704.00
Dairy cattle-	68 animals	24,765.00
Sweet potatoes	3,800 bushels	7,200.00
Peaches	98,000 bushels	182,500.00
<u>TOTAL-</u>		<u>\$614,673.70</u>

This summary shows that the county agents assisted with the marketing of \$614,673.70 worth of farm commodities.

POULTRY

Extension work with poultry projects in Chester County consisted of vaccination demonstrations, raising baby chicks, and feeding and management problems.

Several poultry culling demonstrations were given for the benefit of poultrymen.

Vaccination Demonstrations: Three poultrymen were assisted in vaccinating their flock in 1945.

Summary Vaccination for Poultry Demonstrations 1945

Name	No. Birds Vaccinated	No. Died	No. Cases	Chicken	Fox
George McKean	100	0	0		
S S Abell	100	0	0		
Mrs. W M Wooten	200	0	0		
<b>Total - 3</b>	<b>400</b>	<b>0</b>	<b>0</b>		

Summary Poultry Vaccination Demonstrations- 1940-1945

Year	No. Demonstrations	No. Birds Vac.	No. Died	No. Cases	Fox
1940	5	1290	12	1	
1941	5	1200	5	0	
1942	5	1900	12	0	
1943	5	700	0	0	
1944	5	500	0	0	
1945	5	400	0	0	
<b>TOTAL-</b>	<b>23</b>	<b>5990</b>	<b>29</b>	<b>1</b>	

Vaccination Chickens: Has become a common practice in Chester County. More farmers are vaccinating their chickens yearly as they have found out how it will help them to keep healthy, vigorous layers throughout the year. Many farmers vaccinate their own flocks and have found it to be a profitable and worthwhile measure for the prevention of disease.

Turkey Production: Several farmers throughout the County have been raising turkeys commercially during 1945. The poults were bought from hatcheries and raised to salable size. These farmers have found this a very profitable enterprise.

SUMMARY TURKEY DEMONSTRATION RECORD, 1945

Name	No. Hens	No. Toms	Total Eggs	Eggs set	No. Poults	No. Gross raised	Total Inc. Exp.	labor	Income
A C Allen	7	1	125	100	85	19	\$254.00	\$85.50	\$168.50
<b>TOTAL- 1</b>	<b>7</b>	<b>1</b>	<b>125</b>	<b>100</b>	<b>85</b>	<b>19</b>	<b>\$254.00</b>	<b>\$85.50</b>	<b>\$168.50</b>

PUBLICITY

Publicity work and the distribution of educational information in connection with the 1945 Extension Program in Chester County was done through circular letters, press articles, radio talks and distributing bulletins. A summary of work done in this connection is given as follows:

Summary Publicity Work

Individual letters	1,574
Circular letters	16
Copies mailed	8,186
Press articles	50
Radio talks	23
Bulletins distributed	1,122

### VISUAL INSTRUCTION

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

PHOTOGRAPHY: Pictures were made at our 4-H calf club show and banquet and of several demonstrations and worthwhile activities. These will be used in educational work and in the annual report.

MOTION PICTURES: Educational motion pictures were used at our 4-H club camp and also in connection with Victory Loan Drives. 236 farm people were present for the occasions.

Slide Shows : Slides were made of outstanding result demonstrations. We now have a complete set of slides showing our land use program which are shown at 4-H and other meetings.

Charts and maps: Were used at six farm meetings with an attendance of 35 farm people.

#### SUMMARY USE OF VISUAL INSTRUCTION AIDS.

Visual aid used	Number meetings	Attendance
Motion pictures	2	236
Charts and maps	6	35
Total	8	581

AGRICULTURE AND HOME ECONOMICS

STATE OF SOUTH CAROLINA

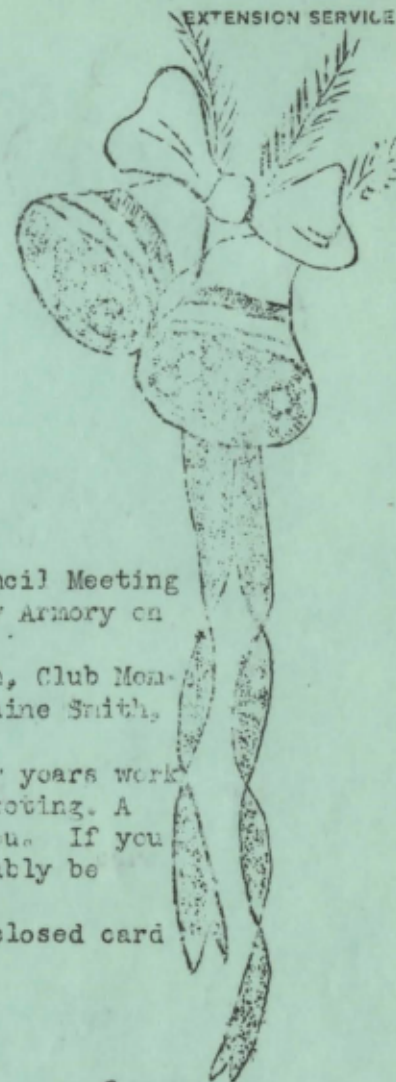
Chester, S. C.

Dec. 11, 1944

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

EXTENSION SERVICE

  
*Christmas  
Greetings  
1944*



Dear 4-H Club Member:

You are invited to attend a County Wide 4-H Council Meeting and Christmas Social to be held at the Chester County Armory on Saturday December 16th at 10:45 AM.

After the business part of the program and lunch, Club Members will be led in a Recreational Program by O. Romaine Smith, former 4-H Club Agent.

Calf Club Members and others who completed their years work will receive their certificates and awards at this meeting. A full program of intertainment will be in store for you. If you are planning to have someone meet you, we will probably be through by 2:30 or 3:00 O'clock P.M.

If you are coming, please sign and mail the enclosed card immediately,

Very truly yours,

*Mirtle Nesbitt*

Home Demonstration Agent

*W. E. Pugh*

W. E. Pugh, Asst. County Agent

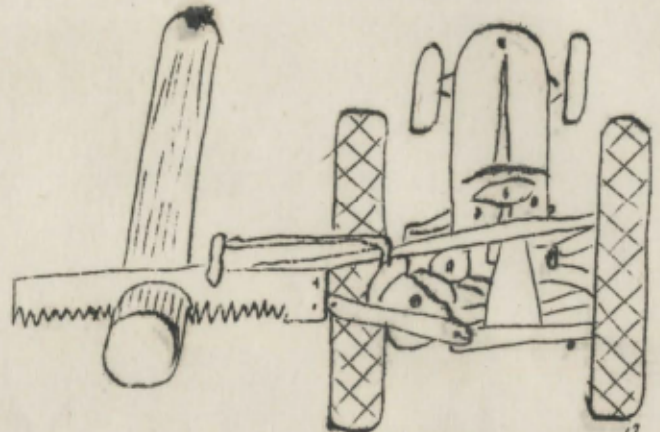
COOPERATIVE EXTENSION WORK  
IN  
AGRICULTURE AND HOME ECONOMICS

STATE OF SOUTH CAROLINA

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

Chester, South Carolina  
February 15, 1945

EXTENSION SERVICE



BEFORE!

AFTER!

COME SEE THIS SAW SAW

Dear Sir:

You are invited to attend one of the power driven wood cutting demonstrations to be given Monday, February 19th.

TIME

PLACE

1st.Meeting- 10:30 A.M. W.W.Gaston, Jr.'s Farm- near Oakley Hall on Richburg Road.

2nd.Meeting- 2:30 P.M. Harper Gwin's Farm- west of Great Falls road- turn at Jim Caldwell's.

These meetings will be in charge of C.W. Hall, Extension Forester. In addition to showing proper cutting methods, a modern chain power saw will be demonstrated.

At the second meeting both a chain driven and tractor attached saw will be demonstrated.

Since the sale of timber and wood is becoming one of our important resources we should learn to do the job properly, as well as economically.

Yours very truly,

W. E. Pugh  
W. E. Pugh, Asst. County Agent

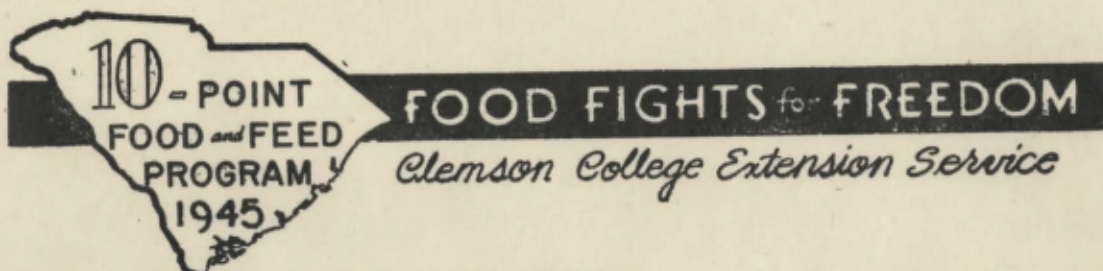
M. C. Crain  
M. C. Crain, County Agent

COOPERATIVE EXTENSION WORK  
IN  
AGRICULTURE AND HOME ECONOMICS

STATE OF SOUTH CAROLINA  
Chester, S.C.  
February 15, 1945

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

EXTENSION SERVICE



TO ALL CHESTER COUNTY FARM PEOPLE:

The year 1945 will likely be one of the most critical of all the war years. It will be a year to hit the enemy and hit him hard from every angle and with everything we have including FOOD, victory's greatest ally.

We are fully aware that farm people will have to face such unusual difficulties as labor, equipment, and transportation shortages. It is because of these difficulties that unusual plans and unusual effort are urgently necessary. New ways will have to be found to do all jobs better.

Here are a few questions every farm and home owner will want to answer:

Do we have plenty of planting seed of all kinds.... do we have equipment that needs repair....have repair parts been ordered...have our fertilizers been ordered....shouldn't we fertilize more heavily this year than ever before...how much hay does the farm need and what kind...has a good well-rounded garden been planned...do we need new feed or food storage such as grain bins, silos, sweet potato houses, meat houses, cellars, etc...can we trade labor and equipment with our neighbors to get silos filled and hay put up...have complete arrangements been made for harvesting this year's grain crop, hay crop, and silage crop?

Complete plans and arrangements made now may save valuable time and, therefore valuable food and feed crops later. The most we can do to produce more food and feed in 1945 will not be too much. Farmers have always risen to every occasion; the year 1945 should be no exception. Call upon us for any assistance we can be to you and your neighbors.

Encl:

*Myrtle Nesbitt*  
Myrtle Nesbitt, Home Dem. Agent

Yours very truly,

*M. C. Crain*  
M. C. Crain, County Agent

*W. E. Pugh*  
W. E. Pugh, Asst. County Agent



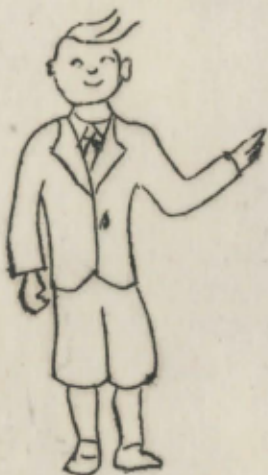
COOPERATIVE EXTENSION WORK  
IN  
AGRICULTURE AND HOME ECONOMICS

STATE OF SOUTH CAROLINA

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

Chester, South Carolina  
March 6, 1945

EXTENSION SERVICE



TIMBER THINNING CONTEST  
ENDS APRIL 15, 1945  
FOLLOW THE RULES AND BE  
ONE OF THE SIXTEEN  
CHESTER COUNTY WINNERS

TO 4-H TIMBER CONTESTANTS:

Judging for the 4-H Timber Contest will start April 15th. We have just a little over a month. In case of close competition for the first prize, which is a \$25.00 War Bond, it may be necessary to have some 4-H Club boy to give a small marketing demonstration in the woods, so be sure and study this. After all, that's what we want to learn.

You understand from the rules of the contest that you do not have to cut the wood. You may hire it done, or your parents may do it. You understand there are sixteen different prizes for the County. We want enough boys to compete to take up all of this money. We are enclosing another copy of the rules for the Contest. Let's put Chester County over in a good way.

If you wish to sell your timber for pulpwood remember the local pulpwood people said they would buy your pulpwood panned in 5 ft. pens on your demonstration. Enclosed is copy of cutting specifications.

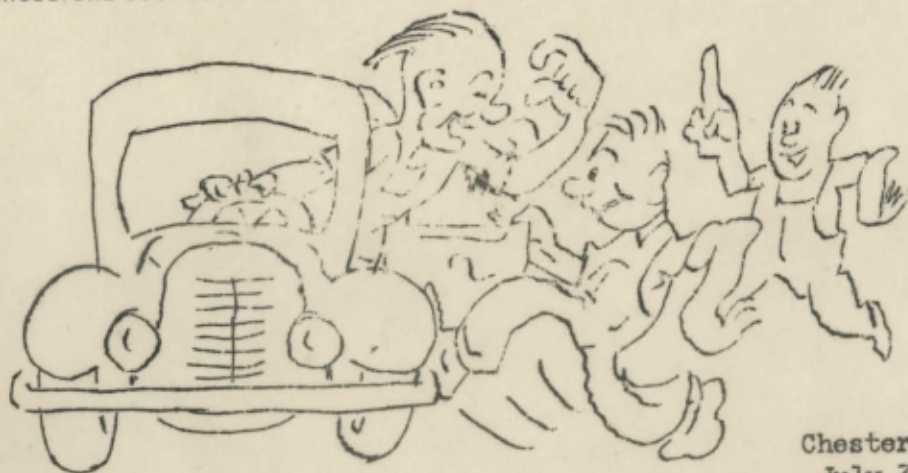
Encls: W. E. Pugh  
W E Pugh, Asst. County Agent

Yours very truly, M. C. Crain  
M C Crain, 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

EXTENSION SERVICE



CATCH  
A  
RIDE!

Chester, S.C.  
July 30, 1945

Dear 4-H Club Member:

You are urged to attend our 4-H Rally Day to be held at the Chester County Fair grounds this Saturday, August 4th, at 10:00 A.M. Please be present as we have a good program, and lunch will be served.

Members of the Calf Club are especially urged to attend as we will elect officers for the coming year and make plans for a show this fall.

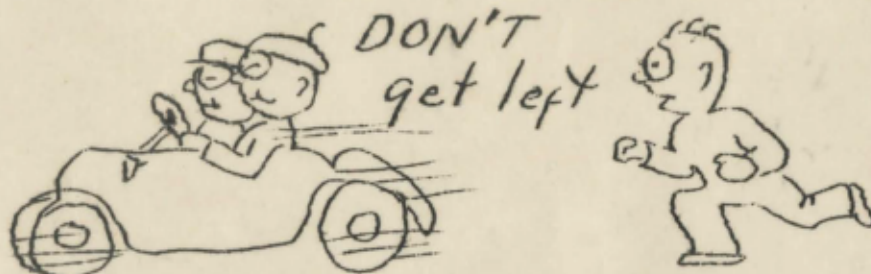
Very truly yours,

*Myrtle Nesbitt*

Myrtle Nesbitt,  
Home Demonstration Agent

*W. E. Pugh*

W. E. Pugh  
Assistant County Agent



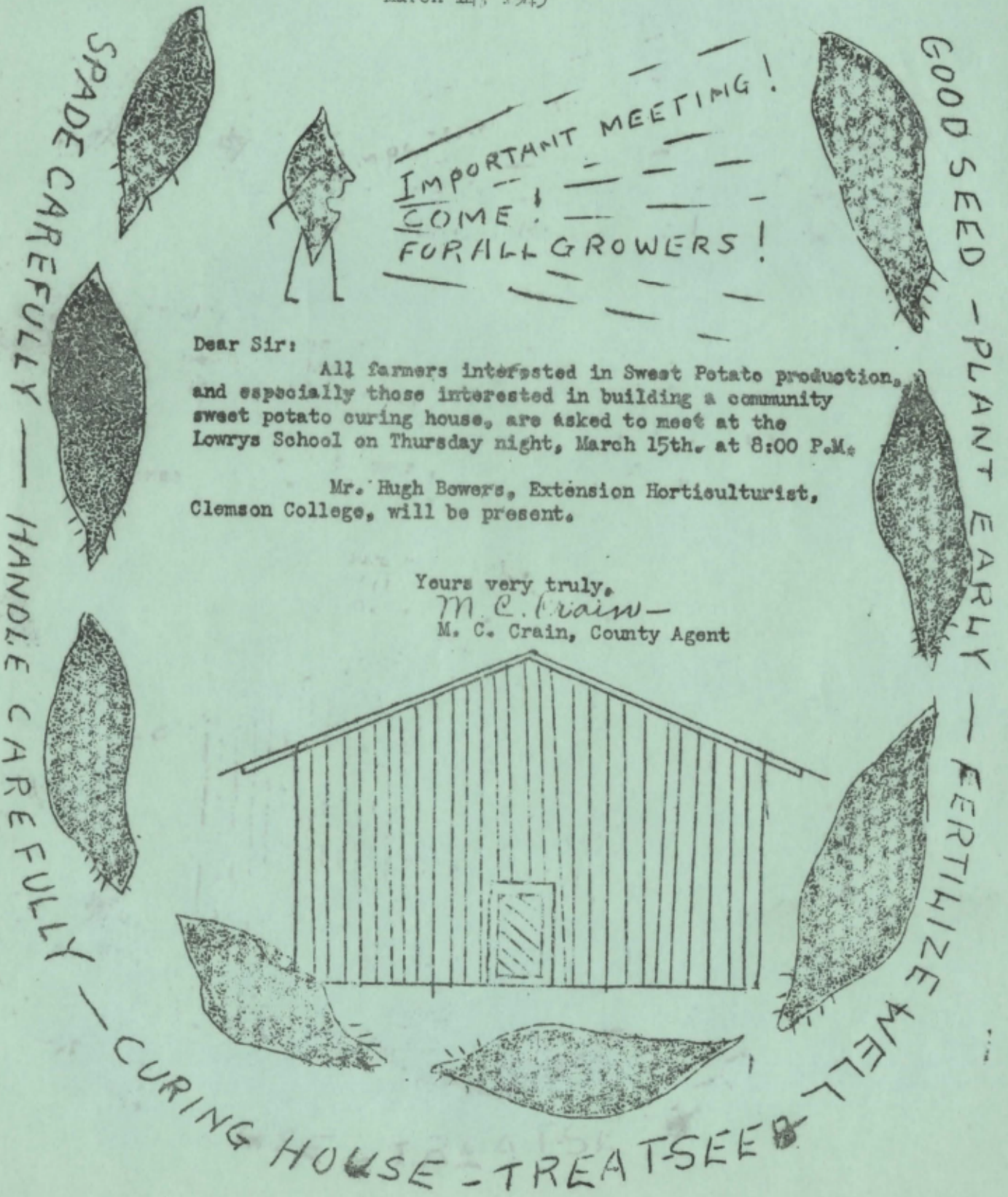
COOPERATIVE EXTENSION WORK  
IN  
AGRICULTURE AND HOME ECONOMICS

STATE OF SOUTH CAROLINA

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

Chester, South Carolina  
March 14, 1945

EXTENSION SERVICE



Dear Sir:

All farmers interested in Sweet Potato production, and especially those interested in building a community sweet potato curing house, are asked to meet at the Lowrys School on Thursday night, March 15th, at 8:00 P.M.

Mr. Hugh Bowers, Extension Horticulturist, Clemson College, will be present.

Yours very truly,  
*M. C. Crain*  
M. C. Crain, 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

Chester, South Carolina  
January 4, 1945

EXTENSION SERVICE



ANNOUNCING 4H TIMBER  
THINNING CONTEST. \$100  
TO BE OFFERED IN PRIZE  
MONEY. SIX COUNTY WIDE  
PRIZES. FIRST A \$25 WAR  
BOND, THE REMAINING FIVE  
TO RECEIVE \$10 IN WAR STAMPS  
EACH. ENROLL NOW!!!

Dear 4-H Club Member:

You are urged to enter into the Timber Managing Contest for Chester County. One Hundred Dollars in prize money will be divided among sixteen members. The first prize is a \$25.00 War Bond. Five, \$10.00 prizes, five \$5.00 prizes and five \$1.25 prizes will be awarded- all awards to be in War Stamps.

Rules governing the contest are enclosed.  
Sign the enclosed card and return to-day.

Encls:

Yours very truly,

W. E. Pugh  
W E Pugh, Asst. County Agent

M. C. Crain  
M C Crain, 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

EXTENSION SERVICE

Chester, South Carolina  
January 15, 1945

Dear Sir:

Some days ago we mailed to all 4-H Club members an enrollment card in our 4-H timber management contest. We are anxious to enroll fifty boys in this Contest. Would you lend your influence in encouraging him to enroll? We will assist with the marking of this acre demonstration.

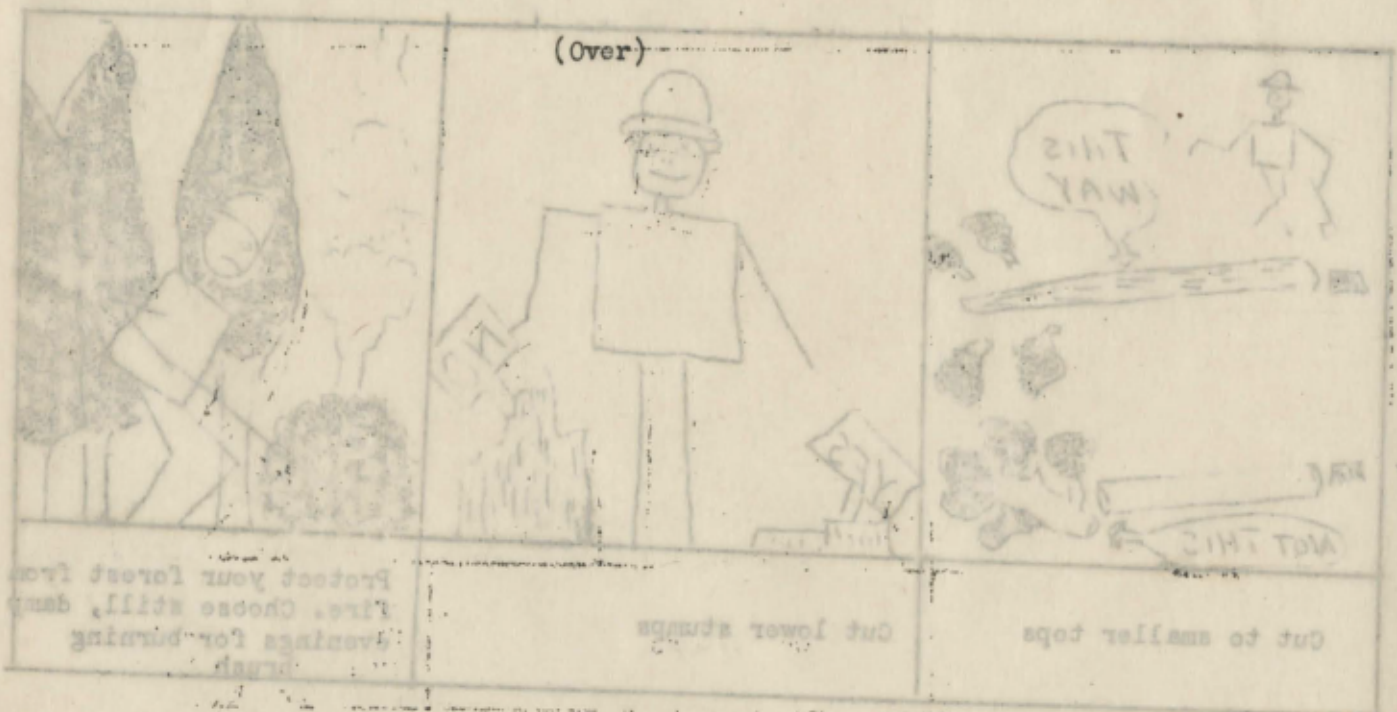
Yours very truly,

*M. C. Crain*  
M. C. Crain, County Agent

MCC/c

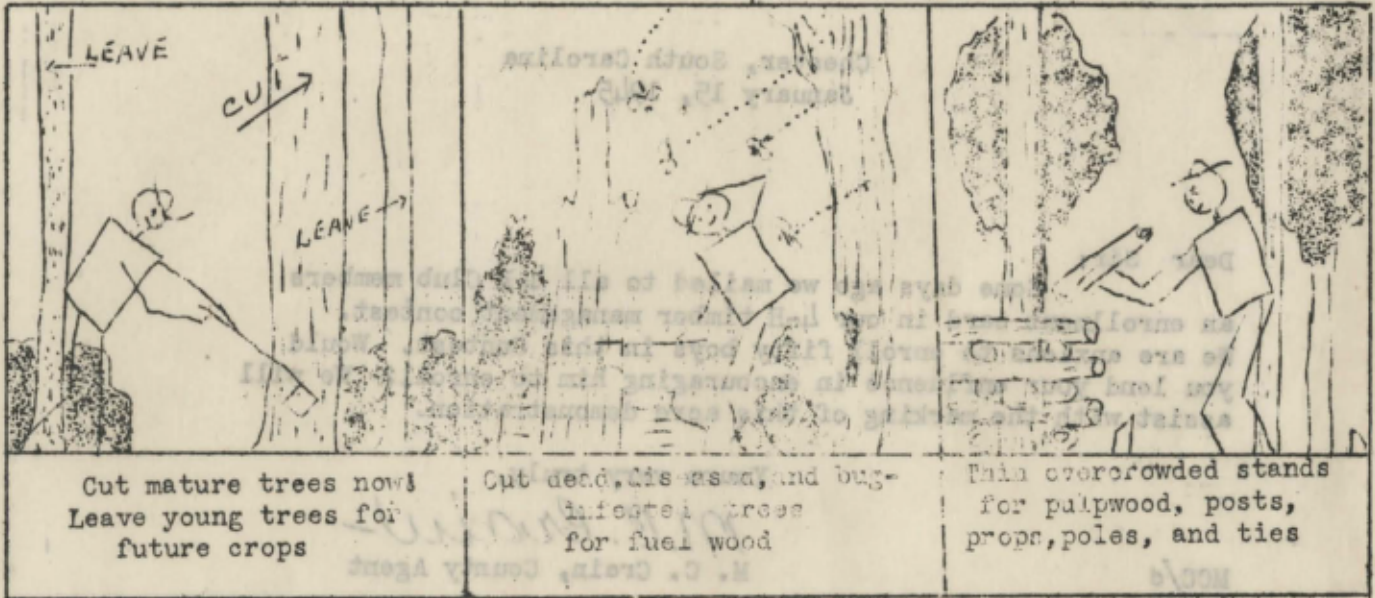
P.S. In the event he has not already sent in his enrollment card have him send in this card.

(Over)



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

GLENN AGRICULTURAL COLLEGE  
 OF SOUTH CAROLINA AND  
 UNITED STATES DEPARTMENT OF  
 AGRICULTURE COOPERATIVE

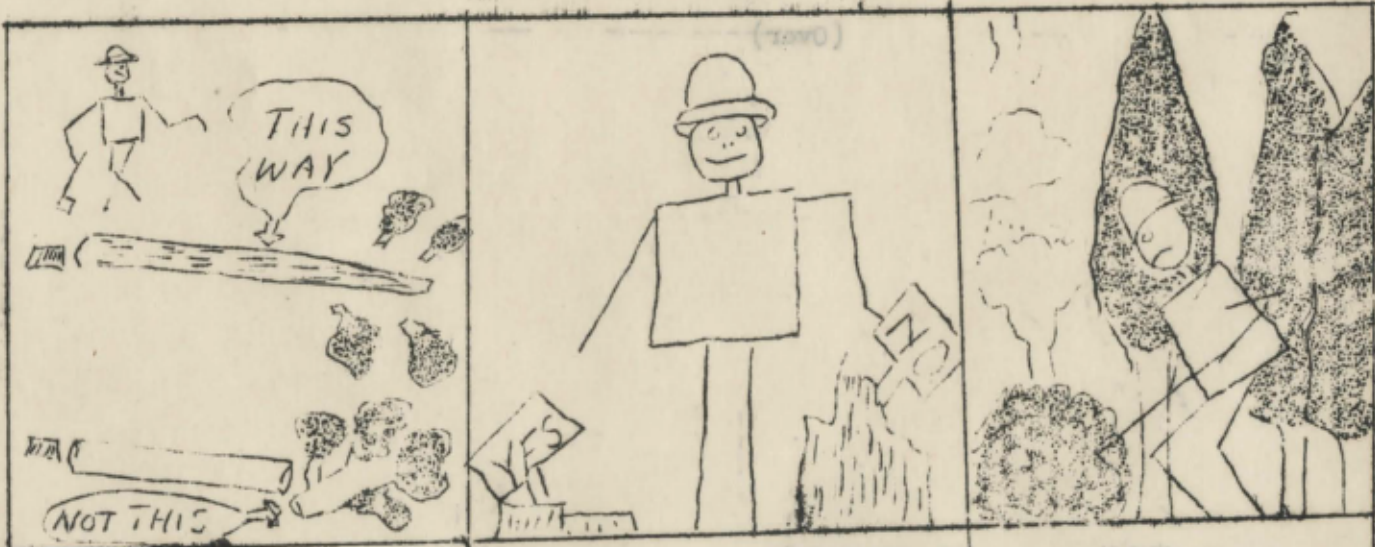


Cut mature trees now!  
 Leave young trees for  
 future crops

Cut dead, diseased, and bug-  
 infested trees  
 for fuel wood

Thin overcrowded stands  
 for pulpwood, posts,  
 props, poles, and ties

In the event he has not already sent in his enrollment card  
 have him send in this card.



Cut to smaller tops

Cut lower stumps

Protect your forest from  
 fire. Choose still, damp  
 evenings for burning  
 brush

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

Chester, South Carolina  
January 23, 1945

EXTENSION SERVICE

WHAT WILL I DO IN 1945

YOU MIGHT AS WELL  
FACE THE QUESTION



Dear Sir:

All farmers are invited to an Outlook and Fertilizer Meeting which will be held at the Chester Courtroom on Monday, January 29th beginning at 10:30 AM.

At this meeting District Agent, L. B. Massey, will present the 1945 Outlook and Goals which farmers will be asked to meet in 1945.

W. H. Craven, Extension Agronomist, will present fertilizer information and recommendations.

Information as to the 1945 AAA Program will also be given. All farmers are urged to attend.

Yours very truly,

*M. C. Crain*

M. C. Crain, County Agent

MCC/c

COOPERATIVE EXTENSION WORK  
IN  
AGRICULTURE AND HOME ECONOMICS

STATE OF SOUTH CAROLINA

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

EXTENSION SERVICE

Chester, South Carolina  
October 12, 1945

TO ALL 4-H GUERNSEY CALF CLUB MOTHERS & FATHERS:

Plans are rapidly being finished for our Big Father and Mother Banquet Thursday night, October 18th, 7:30 at the Parish House, to which fathers and mothers of all 4-H Calf Club boys and girls and the boys and girls are invited.

This Banquet, together with the Big Show the next day is something we have all wanted to do for several years, but we have never had the facilities to get it done. The Victor Fertilizer Company, Mr. Alex Oliphant, owner, has made that possible for us. You will enjoy every minute of the Program both at the Banquet and the Show.

The Advisory Committee composed of- Mr. & Mrs. J H Neely, Mr. & Mrs. J Porter Gaston, Mr. & Mrs. C B Simpson Mr. and Mrs. M O Atkinson, Mr. & Mrs. J T McDonald, have worked hard to make this a success, and to assure that it will be an annual event. We are on our way to make this the best and the largest 4-H Guornsey Calf Club in the Southern States.

We will look forward to seeing you at 7:30 P.M. on Thursday night, October 18th, at the Parish House in Chester for the Banquet-

W. E. Pugh  
W E Pugh, Asst. County Agent

Very truly yours,

M. C. Crain  
M C Crain, County Agent



## 4-H Calf Club Winnings At Columbia

Here's the list of the Chester County 4-H Calf Club's winnings at the State Fair in Columbia last week:

Fitting—Bob Reid, 3rd, \$2.50; Jimmy Gaston, 5th, \$2.00.  
 Junior Calf Class—Mary Carpenter, 2nd, \$6.00.  
 Senior Yearling Class—Billy Carpenter, 3rd, \$5.00; Booster Hicklin, 5th, \$2.00.  
 3 Year Old and Over Class—Jimmy Gaston, 1st, \$8.00; Jimmy Cushman, 3rd, \$5.00; Mary Saye Gaston, 6th, \$1.00.  
 Grand Champion Cow—Jimmy Gaston.  
 County Group—Chester county, 2nd, \$12.00.  
 Produce of Cow—Chester county, 1st, \$8.00.  
 Senior Calf Class—Bob Reid, 3rd, \$5.00; Jimmy Gaston, 4th, \$4.00; Booster Hicklin, 5th, \$2.00.  
 2 Year Old Class—John P. Gaston, 1st, \$8.00; Tom Reid, 3rd, \$5.00; Sanford McDonald, 6th, \$1.00.  
 Senior Champion Cow—Jimmy Gaston.  
 Showmanship—Jimmy Cushman, 1st, \$4.00; John A. Simpson, 2nd, \$3.00; Jimmy Gaston, 4th, \$2.00.  
 Get Of Sire—Chester county, 2nd.  
 Open Classes  
 Senior Calf—Mary Carpenter, 5th, \$5.00.  
 2 Year Old—John P. Gaston, 3rd, \$12.00; Tom Reid, 5th, \$5.00.  
 4 Year Old and Older—Jimmy Gaston, 2nd, \$15.00.  
 Senior Yearling—Billy Carpenter, 5th, \$5.00.  
 3 Years—4 Years—Jimmy Cushman, 1st, \$18.00; Mary Saye Gaston, 5th, \$5.00.  
 Produce Of Cow—Chester county, 1st, \$17.00.

W. E. Pugh,  
 Asst. County Agent.  
 Chester, S. C., October 30, 1945.

## Forestry Contest

It has been announced that the South Carolina State Commission of Forestry and the Clemson College Extension Service are co-operating with several pulp mills in sponsoring a pulpwood thinning contest. The mills participating are the International Paper Company, the West Virginia Pulp and Paper and Fibre Company, and the Paper and Fibre Company, and the Union Bag and Paper Company.

The main objective of the contest is to promote better cutting practices in our immature forests on our farm woodland. According to representatives of the pulpwood industry, proper thinning of the stands will be particularly emphasized in the contest.

As to who may participate, the contest rules permit any woodland owner or his tenant to enter the contest. The stand of trees, however, must be in need of thinning and the trees must average six to twelve inches in diameter.

Prizes will be awarded on a state, district, and county basis, as follows: State winner prize \$250.00; three district prizes of \$125.00 each; county winner first prize \$25.00; second prize \$10.00; third prize \$5.00. A total amount of \$2,465.00, donated by the pulpwood industry, will be awarded as prize money.

The contest is scheduled to begin October 1 and will end February 28, 1946.

Woodland owners who are interested in entering this five-acre thinning contest may get full information from their county agent, or district forester.

## 4-H Calf Club Plans Big Fall Events

(W. E. Pugh, Asst. Agent)

For the first time in the history of the 4-H Calf Club work in Chester county the boys and girls are going to have a show of their own. This show is being sponsored by the Victor Fertilizer Company to take place at the Chester Fair Grounds on Friday, October 19th. The night before the show a county-wide banquet will be held for all 4-H Calf Club members and their parents. At this time a 4-H Calf Club girl, elected by 4-H Calf Club members, will be crowned the Guernsey Queen of Chester county. Clarence Poe, Editor of The Progressive Farmer, has been asked to be the main speaker at the banquet. This is to be one of the biggest activities in our fall program.

Forty-three Calf Club members owning fifty registered Guernsey females will participate in this county-wide show. The show will be judged by the Danish System, the Judge to be announced later. Premiums will be awarded according to classes determined by the Judge.

## Awards At County 4-H Calf Club Show

The following were the awards Friday afternoon at the Chester County 4-H Calf Club show at the Fair Grounds:

1. Junior Calves Class—2nd group—1st Antionette Simpson, Richburg; 2nd Gage Carpenter, Lewis; 3rd Mary Carpenter, Lewis.

3rd Group—1st Charles Gwin, Blackstock; 2nd Robert Lee Atkinson, Lowrys; 3rd Sanford McDonald, Blackstock.

4th group—1st John A. Simpson, Richburg; 2nd John A. Simpson, Richburg.

2. Senior Calf Class—2nd group—1st Claud Gwin, Blackstock; 2nd Jimmy Gaston, Richburg.

3rd group—1st, Bob Reid, Richburg; 2nd, Cloud Hicklin, Richburg; 3rd, Tom Nichols, Great Falls.

4th group—1st, Willis Crain, Chester; 2nd, Elliott McDonald, Blackstock.

3. Junior Yearling Class—1st group—1st, Sanford McDonald, Blackstock;

2nd group—1st Essie Gwin, Blackstock.

3rd group—1st, Jack Barnes, Fort Lawn; 2nd, John A. Simpson, Richburg.

4th group—1st, Jimmy Roberts, Lewis; 2nd, John R. Morrison, Richburg.

4. Senior Yearling Class—1st group—1st Billy Carpenter, Lewis. 2nd group—1st, Cloud Hicklin, Richburg.

## Wood Cutting Demonstration

Mr. M. C. Crain, County Agent, announces that a power driven wood cutting demonstration will be given Monday, February 19th. Beginning at 10:30 A. M., the first meeting will be held at the farm of W. W. Gaston, Jr., on the Richburg road. C. W. Hall, Extension Forester, in charge of the meeting, will show proper cutting methods, and the modern chain saw will be demonstrated. The second meeting at 2:30 P. M., will be held at the farm of Harper Gwin, two miles west of the Great Falls road, turning right at J. M. Caldwell's.

In addition to the chain saw a power driven saw will be demonstrated. Since one wood cutting Company paid farmers \$85,000.00 during the first six months of 1944, farmers should learn to cut wood properly.

2nd group—Bobby Barnes, Fort Lawn.

4th group—1st, Nancy Neely, Smith's T. O.; 2nd, Franklin Locke, Rodman.

5. 2 Year Old Class—1st group—1st, John Gaston, Richburg.

2nd group—1st, Eleanor Reid, Richburg; 2nd, Newton Gaston, Richburg; 3rd, Tom Reid, Richburg.

3rd group—1st, Elizabeth Carpenter, Lewis; 2nd, Willis Crain, Chester.

4th group—John A. Simpson, Richburg.

6. 3 Year Old and Over Class—1st group—1st, Jimmy Gaston, Richburg; 2nd, Jimmy Cushman, Chester.

3rd group—1st, Mary Saye Gaston, Richburg.

4th group—1st, Cloud Hicklin, Richburg; 2nd, John A. Simpson, Richburg.

Junior Champion—Sanford McDonald, Blackstock.

Senior Champion—Jimmy Gaston, Richburg.

Grand Champion—Jimmy Gaston, Richburg.

Fitting Class—1st, Jimmy Gaston, 2nd, Jimmy Cushman, 3rd, John Gaston, 4th, Bob Reid, 5th, Joe Gaston.

Showmanship Class—1st, Jimmy Cushman, 2nd, John A. Simpson, 3rd, Jimmy Gaston, 4th, Willis Crain, 5th, John P. Gaston.

Premium Awards As Follows—1st group, \$10.00; 2nd group, \$8.00; 3rd group, \$6.00; 4th group, \$4.00. Champions, \$5.00.

Fitting and showing—1st, \$10.00; 2nd, \$8.00; 3rd, \$6.00; 4th, \$4.00.

## Lowry Simpson Won Health Imp. Contest

(W. E. Pugh, Asst. Co. Agent)

Lowry Simpson, Jr., son of Mr. and Mrs. Lowry Simpson, of the Catawba Section of Chester County, was winner in the Piedmont District 4-H Health Contest held at Spartanburg on September 25th. He will represent the Piedmont District at the State Health Improvement Contest to be held in Columbia Friday, October 26th. The State Winner in the Health Improvement Contest (one boy and one girl) will receive a \$50 bond each.

Lowry was proclaimed winner in this contest due to his improvement in health and health habits throughout the year.

## Natl. 4-H Club Week March 4-11

General purposes of National 4-H Club week are to provide 4-H members an opportunity to check up on their own efforts to date in helping win the War. To give every member an opportunity to re-dedicate himself to the task ahead, and to encourage 4-H Clubs to check their communities for those young people eligible for membership, and to stimulate every 4-H member to enroll at least one new member on a 4-H Win the-War Project in 1945.

W. E. Pugh,  
Asst. County Agent.

## Chester County 4-H Club Boys Win Honors

John A. Simpson and Jimmy Gaston, both 4-H Calf Club members from the Richburg section of Chester county, won for each of themselves a \$25.00 War Bond in the 1944 National Dairy Production Contest. These boys are to be commended for the excellent way in which they kept their milk and feed weights on their Guernsey cows. Jimmy Gaston's record showed a total production of 7,280 pounds of milk and 400.6 pounds butterfat, while John A.'s cow milked 5,280 pounds of milk and 320.0 pounds butterfat, both of these records were made with first calf.

These awards will be made at the Annual Meeting of the South Carolina Guernsey Cattle Club in Columbia February 6th.

All boys and girls between the ages of 10-21 are able to enroll in this contest. Requirements consist of keeping accurate monthly milk and feed weights. Enroll now and compete for the winnership in 1945. Either grade or purebred records will be accepted.

W. E. Pugh,  
Asst. County Agent.

## CHESTER 4-H GUERNSEY CALF CLUB SHOW AND BANQUET OUTSTANDING EVENT

The Chester County 4-H Guernsey Calf Club's exhibit at the Fair Grounds Friday afternoon brought out a large and interested crowd of observers, including many well-known dairy cattle men of the two Carolinas, Georgia and other near-by States. The Danish system of judging was used by Mr. W. W. Fitzpatrick in passing on the merits and demerits of the various animals, the cattle shown by the Clubsters being shown in four groups within each of the six classes. A total of \$400 was offered in prizes to those competing, including the fitting and showmanship classes.

The top-flight winners in Friday's showing will be shown at the State Fair in Columbia this week. The others will be on exhibition at the State Fair.

The show and the supper at St. Mark's Episcopal church Thursday evening were largely due to Mr. R. A. Oliphant, President of the Bictor Fertilizer Company, who is keenly interested in the growth of dairying in this county and proposes in the years ahead to continue to co-operate with the Calf Club and lend his assistance. Mr. H. L. Richardson also helped generously with the prizes.

At Thursday night's exercises Mr. C. G. Cushman, Dairy Specialist at Clemson College, was the Sanders, of Richmond, Va., was the Toast Master, and Mr. Baul H. speaker. Mr. R. B. Caldwell asked the blessing.

A most delightful banquet was served by Miss Julia Dukes, County Home Demonstration Agent, and her organization.

Mr. Sanders said "The South is

the last stronghold of our rural civilization, and the strength, conservation and solidarity of the South are due directly to the resourcefulness, dogged determination and Christian character of our country people."

An outstanding feature of the banquet was the crowning of beautiful Miss Nancy Neely, of Smith's, Chester county, as the 4-H Guernsey Calf Club Queen. Her attendants were Antionette Simpson and Gage Carpenter. Seated on her white throne she had the crown placed on her head by Major W. L. Abernathy, of the 101st Airborne Division, now in service, whose home is at Fort Lawn, Chester county, and a former 4-H Club member. The Queen just recently won the first prize at the contest in Spartanburg as the most healthy girl in the entire 4-H Club Piedmont district and will compete for State honors at the South Carolina State Fair, Columbia, this week.

A talk was made by Dan Lewis, Director of 4-H Boys' club work, with the extension service of Clemson College. John A. Simpson, President of the Calf Club, welcomed the guests. Mrs. J. Harvey Neely spoke in behalf of the mothers present and Mr. J. Porter Gaston in behalf of the fathers. Others among the special guests present were: Thomas W. Morgan, Assistant Director of Extension of Clemson college; L. B. Massey, of Spartanburg, District Agent; C. G. Peebles, Soils Specialist of Clemson college; C. H. Lomas, Dairy Specialist of Clemson College, and W. W. Fitzpatrick, of Rougemont.

## Named Queen



**CHESTER LEADER.**—Miss Nancy Neely (above) was crowned Chester (S. C.) County 4-H Guernsey Calf club queen at the county club banquet.

## Preparing For 10th Annual Guernsey Sale

(M. C. Crain, County Agent)

M. R. A. McLaughlin, Field Representative of the American Guernsey Cattle Club, was in the county the past week assisting with the selection of cattle for the Tenth Annual Consignment sale of the Chester County Guernsey Cattle Club. Although the selection was not completed, it is evident that the Tenth Annual sale, which will be held September 18th, will be made up largely of Chester county animals.

In addition to the females, there will be five outstanding bulls selected from the more prominent herds in the South-East, out of dam with 620 pounds of fat or better.