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Clemson University Cooperative Extension Service

H. S. Person

E. N. Williams

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ANNUAL NABRATIVE REPORT

Florence County

H. S. Person,
Negro Agricultural Agent

E. N. Williams

State Supervisor of Negro Extension Work

Cooperative Extension Work in Agriculture and Home Economics

Clemson Agricultural College and the

United States Department of

Agriculture Cooperating

Extension Service

D. W. Watkins, Director Clemson, South Carolina

Table of Contents

General Activities	1
Project Activities and Results	1
Agricultural Economics	1
Agricultural Engineering	1
Agronomy	2
Animal Husbandry	2
Dairying	2
Entomology and Plant Pathology	2
Four H Work	2
Horticulture	
Morrisottan	2
Marketing	2
Poultry	7
Soil Conservation	-
Publicity	4
Visual Instruction	
County, Community and Neighborhood Organization	-5
Agricultural Committee	5
Communities and Neighborhoods	5
Voluntaty Leaders' Conducted Programs	6
County Map	7
County Map	8
Agricultural Economics	8
Outlook Meetings	- 8
Farmers Assisted with Credit Problems	8
Farm Planning Demonstrations	
Agricultural Engineering	0
Soil Building	0
Soil Building	7
Farm Mechanical Equipment	2
Care and Repair of Farm Buildings	2
care and hepair of Farm -mildings	30
Agronomy	TO
Small Grains	
Wheat Demonstrations	
Oats	
Small Grain Tour	
Permanent Pastures	
Annual Grazing	
Lespedeza	
Gorn	13
Corn Tour	14
Cotton	14
Tebacco	14
Animal Husvandry	
Swine	
Purebred Boars	
Purebred Gilts	

Hog Feeding Demonstrations	-17
Beef Cattle	17
Dairving	18
Entomology and Plant Pathologh	18
Four H. Club Work	20
Rally Day	20
Entomology and Plant Pathology	20
Beef Calf Project	20
Summary of 4 H Work	21
Poultry Project	21
Horticulture	22
Gerdeng	22
Gardens	22
Market Gardens	23
Nowled to the total and the to	25
David Amer	27
Poultry	24
Publicity	25
'ISUAL INSTRUCTION	20
Miscellaneous County and Community Activities	
Newspaper Articles and Other Publications	27

SUMMARY OF ACTIVITIES AND ACCOMPLISHMENTS

General Activities

1.	Days Agent spent in office	55
2.	Days Agent spent in field	177
3.	Miles Agent traveled	12,345
4.	Farms visited	
5.	Number of different farms or homes visited	275
6.	Calls at agents office	875
7.	Telephone calls relating to estension work	270
8.	News articles published	
9.	Number of bulletins distributed	1856
10,	Meetings held or attended	211
11.	Attendance at these meetings	5100
12.	Number of farmers conducting demonstrations -	301
13.	Number of farm leaders assisting in work	57

PROJECT ACTIVITIES AND RESULTS

Agricultural Economics

One county outlook meeting was conducted with an attendance of 115 farmers from all sections of the county. Five community outlook meetings were conducted in the various sections of the county with an attendance of 279 farmers. Four farmers conducted farm planning demonstrations. 19 Farmers were assisted in securing funds to finance their demonstrations through the various farm agencies. These farmers were assisted in borrowing \$10,356. Farmers were urded in all meetings to keep accurate records of their work and prizes were given to clubsters who kept the best records.

Agricultural Engineering

The work in Agricultural Engineering included furnishing plans for the construction of 2 dwellings, remodeling of 8 dwellings, assisting 15 farmers in the construction of 15 farm buildings, remodeling and repair of 25 farm buildings, 6 Farmers were assisted in the selection and construction of farm building equipment. 11 Farmers were assisted in the selection of mechanical equipment, 32 in making more efficint use of mechanical equipment, 97 farmers were assisted in improving the building and grounds. 56 Farmers planted shrubbery, 19 painted homes and 57 screened their homes. 18 Poultry houses were constructed and 17 were repaired under the agents supervision. 4 Brooders were built, 10 farmers were assisted in the selection of fuel wood and 2 laying houses were constructed.

Agronomy

Work in agronomy was conducted in the 18 organized communities. 57 Community voluntary leaders assisted in conducting this program. 323 Farmers were assisted in obtaining improved varieties or strains of seed; 135 farmers used lime; 193 farmers were assisted in controlling plant disease, and 197 farmers were aided in controlling insects in crops. 4 Five - acre cotton improvement demonstrations were conducted; the wild strain#14 was used by all farmers conducting cotton produciton demonstrations. 32 Farmers completed demonstrations in corn production and the average yield was 48.8 bushels per acre. 15 Demonstrations in oats were conducted on 27 acres with an average of 51.2 bushels per acre. 19 Farmers carried demonstrations in wheat; 29 farmers planted whiter grazing; 9 lespedeza demonstrations were conducted; 8 permanent pasture demonstrations were conducted; and 4 tobacco spacing demonstrations were conducted.

Animal Husbandry

15 Purebred boars, 14 purebred gilts, 46 high grade pigs were placed with farmers. Farmers in six sections of the county conducted 6 hog feeding demonstrations.

4 Meat curing demonstrations were conducted, 4 method demonstrations in slaughtering were conducted, 10 beef calves were placed with clubsters to be fed out for the 1948 Fat Cattle Show; 17 beef claves were shown and sold by clubsters at the 1947 Fat Cattle Show. 127 Farmers were assisted in purchasing baby chicks of the AAA grade. 214 Farmers were assisted in improving methods of feeding; 249 Farmers were aided in controlling external parasites; 271 farmers were aided in controlling internal parasited.

Dairying

21 Farmers were were assisted in getting high grade milk cows. 18 Farmers planted winter grazing, and 19 planted temporary grazing for dairy cattle. One survey was conducted to show that farmers are producing more food and feed products. There are 14% more dairy calves in the county now than were in 1946.

Entomology and Plant Pathology

One circular letter on disease and plant control was issued by the agent and the farmerso of the county were urged to use DDT in meetings and on posters. I Circular letter on Health and Sanitation was issued to farmers on the care of animals. One 4-H team was trained in four sections of the county to treat seed. 17 Beef calves were treated for grub and lice. 15 Poultry houses were sprayed, 41 farmers used smut resistant wheat and oats seed in their demonstrations. 12 Orchard disease control demonstrations were conduted, 178 potato disease and insect control demonstrations, and 208 vegetable insect and disease

control demonstrations were carried. 200 Bulleting on Insect and Disease control were issued to farmers.

Four H Club Work

12 Clubs were organized with and enrollment of 232 boys and 190 of these clubsters carried their demonstrations to completion. The total value of the 4-H demonstrations was \$14,906.91 and the profit from these demonstrations was \$7186.15. I Four H Rally Day Program was conducted, I Leader -Officer training shoool was conducted with an attendance of 60. I County Achievement Day Program was conducted with and attendance of 700. An Achievement Parade was held in connection with the Achievement Day Program. The clubs of the county carried banners, posters, and other county informations in the parade. The outstanding clubsters of the county rode on the floats. Summer picnics were held in the various communities. 15 Clubsters from Florence attended camps during the summer.

Horticulture

2 Circular letters were issued emphasizing the importance of year-round gardens. The importance of raising food for family-use and for livestock feed, and for the sale of both food and feed products was encouraged in circular letters. The emphasis that was placed on raising food and feed caused many to have products for the market, The agent assisted 154 farmers in marketing \$2,146.78 worth of goods. The agent cooperated with the Palmetto Pepper Association during 1947.

Marketing

Farmers were assisted in marketing all surplus products \$11,411.00 worth of products was marketed by the agent at markets that were nearest to them. Farmers of the county were arged to purchase ce tified seed from other farmers. \$900.00 worth of seed was purchased for various farmers.

Poultry

123 Farmers carried marketing demonstrations in poultry.
321 Farmers were assisted with poultry problems; 3 poultry schools were conducted, with an attendance of 215 farmers.
3 Method demonstrations on vaccination were given. Clubsters of Florence ounty joined a "POULTRYCHAIN" that was sponsored by Sears - Roebuck and Company. This project will be enlarged in 1948. A Poultry Show was conducted at the Florence Air Base in the Agricultural Building with an attendance of 100 farmers.

Soil Conservation

104 Farmers used lime on 1567 acres of land. 87 Farmers planted winter cover craps for soil building purposes; 156 farmers used recommendations for crop rotation. 32 Farmers were assisted with draining 146 acres of land and 18 farmers had soil tested. 3 Farmers were assisted in clearing 27 acres of land.

Publicity

The Extension Program was given publicity through 14 hewspaper articles, conferences, personal contact, farm and home visits, 3 Farm Women's Conferences, 2 Camps, visits to 15 rural churches, 2 Cally Day Programs, 2 Achievement Day Programs, 875 calls at the agents office, 270 telephone calls, 1 Fat Cattle Show, 2 County tours, 1 Achievement ay Parade and participation in many varied civic activities.

Visual Instruction

Maps, charts, photographs, farm surveys, tours, and method demonstrations were given and shown to 900 farmers. Exhibits were given and shown to people interested in farm enterprises at 16 meetings attended by 3200 farmers. 15 Clubsters showed 17 calves at the Florence Fat Cattle Show, and 31 clubsters showed exhibits at 3 Field Day Programs. Photographs were made of outstanding demonstrations.

County, Community and Neighborhood organization of Wolunteer Farm and Home Leaders:

County Agricultural Committee:

Members of this committee were selected from communities whe e Extension work was to be done. These farmers have shown interest in improving farming practices in their communities, and they have participated in Extension Activities. This committee meets monthly and assists in planning and conducting the Extension Program/ This committee also gives publicity to the production and conservation of food and feed.

The names of the members of the Agricultural Committee follows:

John Brown C	Cartersville, S. C. Claussen, S. C. Hyman, S. C. Effingham, S. C. Pamplico, S. C. Effingham, S.C. Pamplcio, S. C. Eimmonsville, S, C. Effingham, S.C. Claussen, S. C. Effingham, S.C. Effingham, S.C. Effingham, S.C. Florence, S. C.
	Florence, S. C. Hyman, S. C.

The County Committee of the Palmetto Pepper Association cooperated in the marketing program and the members of this committee follows:

B. C.	Andrews	Pamplcio, S. C.
James	Cooper	Florence. S. C.
E. W.	Williams	Timmonsville, SC.
E. J.	Jenkins	Effingham, S. C.
E. R.	Thomas	Effingham, S. C.
L. E.	Hyman	Pamplico, S. C.
J. H.	Frierson	Effingham, S. C.
The	hames of communities , neighborhoods an	d the number of
active	voluntary community and neighborhood le	aders in the
neighl	orhood and community follows:	

Cartersville	2
Timmonasille	2
Morris	2
Savannah Grove	2
Black Swamp	1
Beaulah	2
Mt. Zion	1
Summerville	-1

Florence 1	
Red Hill 1	
Jefferies 1	
Oak Grove l	
River Bottom 1	
Cain	-
Salem	2
Hopewell2	
Woodland2	
Mill Branch2	,
McMillian1	
McKnight 1	
Evergreen	
Mt. Rona 1	
Effingham	7
Goodland 1	-
Motts 1	
Olanta 1	
Elim4	
Tans Bay1	
Burch Cross Road 1	
Ebenezer	
Lynch 1	
Olive Grove 1	
Tabernacle 1	
Scranton 1	
Pee Dee2	
Fleet 2	,
High Hill 1	
HTSH HTT	

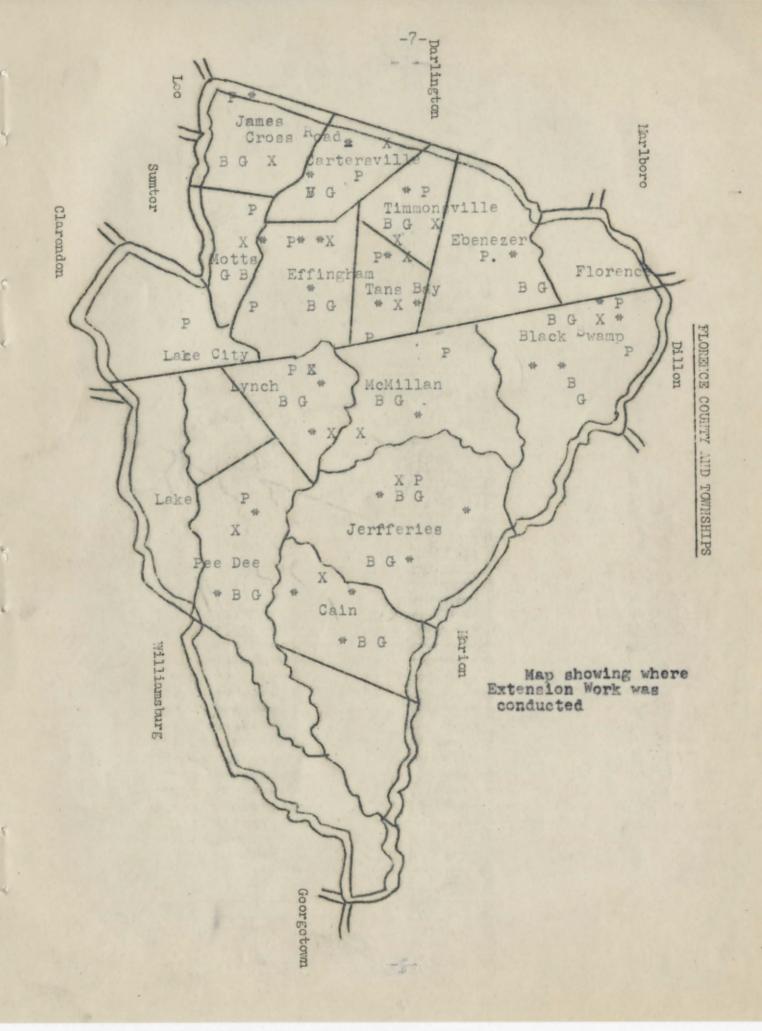
The Voluntary leaders of the county conducted the following programs during 1947:

1. Labor Saving Show

2. Adult Tour 3. Four H Tour

4. Farmers Picnic

5. Four H Parade 6. Community Picnics



-8-

PROJECT ACTIVITIES AND RESULTS

Agricultural Economics

Farmers have been encouraged to grow a better quality of produce. In marketing the matter of gracing and selection played an important part in the 1947 work. Farmers were shown the importance of both grading, marketing and the yield in the Value was shown in graphs so that the difference could be seen.

Farmers who were not able to finance their demonstrations were assisted in securing loans from the Florence Production Credit Association, Farm Security Administration and other were referred to the Public Welfarm Department.

Outlook Meetings: Six Outlook meetings were attended by the agent and were attended by 294 farmers. The County Outlook meeting was held at Wilson High School with an attendance of 115 f farmers/. Farmers were given pointers in planning their 1947 program. There were five Sectional meetings held for farmers, these meetings were held in locations that were central and the members of the local committee were responsible for the entertainment. These meetings were attended by 179 farmers.

Farmers Assisted with Credit Problems: 48 Farmers followed the agent's suggestion in making financial adjustments. 61 Farmers were assisted by the agent in getting loans from credit agencies amounting to \$10,356.00. 7 Clubsters had their beef calves financed through the Production and Credit Corporation and were able to make satisfactory adjustments and realize profits when the calves were sold.

Farm Planning Demonstrations: 8 Farmers conducted farm p planning demonstrations in 1947. The purpose of these demonstrations was to show the value of having a well planned farm and to show that the economical use of land tenue offers a greater saving in wartime as well as peace times. Tje farmers who were stock and poultry interested were urged to produce feed to feed the stock and poultry. Each farmer who conducted farm planning demonstrations was urged to produce sufficient food and feed for the home and they were encouraged to produce a surplus for the market.

A summary of Farm Planning Demonstrations follows:

Name	Address	Acres in farm
W. J. Jordan	Timmonsville	290
John Brown	Calussen	150
James Cooler	Florence	70
E. R. Thomas	Evergreen	140
J. H. Frierson	Elim	185
S. L. Perkins	Effingham	100
King MCWhite	Claussen	150
W. A. Johnson	Long Branch	100

Toatal -- 8

1185 Acres

Agricultural Engineering

During the year 1947 farmers were encouraged to repair and remodel their farm homes, and their outhouses. / Sanitation was emphasized in 1 circular letter issued by the agent. 1 School on the care and repair of farm machinery was conducted with 19 farmers attending. Other work in Agricultural Engineering included farm buildings, harvesting and soil building.

Soil Building: 27 Farmers were assosted with problems on land use, 126 farmers rotated crops on 17, 165 acres of land, Lime was used by 74 farmers on 17, 789 acres of land.

Farm Buildings: Extension Plans were furnished for the construction, remodeling and repairing of the following farm buildings:

Buildings	Number	Cost	Saving
Homes remodeled Homes built Providing storag Constructing out Repairing farm b Homes Screened Poultry Houses b Poultry Houses r Cattle sheds bui Sheds for Machin Sheds repaired	houses 76 uildings 200 37 uilt 19 epaired60 lt 20	\$2478.00 1197.00 790/00 1241.00 2001.00 896.70 357.00 240.00 314.00 278.00 111.00	\$215.00 346.50 100.00 150.00 345.00 45.00 38.00 45.00 50.00 41.00
Total	580	₹ 9903.70	1385.50

Farm Mechanical Equipment: Farmers were assisted by the agent in the following ways pertaining to farm mechanical equipment:

Way assistance was given Number	of farmers
Selection for mechanical equipment	41
In the use of mechanical equipment	301
Number of farmers assisted in the repair of	
mechanical equipment	267
Total	709

Care and repair of farm buildings: Assistance was given farmers in repairing and caring for 87 homes, Farmers were urged to keep building up through meetings and conferences; I circular letter on the value of painting was issued. The home agent and the agricultural agent worked jointly on the campaign to get

all farmers to paint their homes, 149 Farmers cooperated by painting both the insidemand the outside of their homes, whild 71 farmers painted the outside and 21 farmers painted the inside of their homes.

Agronomy

The work in Agronomy in 1947 consisted of demonstrations and educational work with each of the major agronomy projects.

Small Grains: Farmers of the are continuing to plant large amounts of grain as a result of the food and feed campaigns that have been conducted. 19 Farmers conducted result demonstrations in wheat on 25 acres of land. 15 Farmers conducted demonstrations in oats on 27 acres of land.

Summary of Wheat Demonstrations

Number of demonstrations	Bu. Yield	Acres Walue	Wost Profit	
19	787.5	25 \$1978.50	\$841.00 \$1137.	75

The average yield per acre was 31.5 bushels. The cost of producing 1 cushel of wheat was \$1005 The average profit per bushel was \$1.45.

Low average yield was due to the shortage of nitrogen. In order to cerate a greater interest in the production of wheat for home use and market publicity was given through the County Outlook meeting ans 5 Sectional Outlook meetings. 1 Circular letter was issued on wheat and 40 farmers were assisted in getting improved strains of wheat seed.

The Outstanding demonstrations of the year was conducted by W. J. Jordan of Timmonsville on 5 acres of land.

The land was well drained, limed at the rate of 1500 pounds of pime per acre in the fall of 1945 and 11½ bushels of Red Heart seed was used per acre. 600 Pounds of a complete fertilizer was used also in this demonstration.

The total yield on 5 acr	res was	180.1
Total value of the 5 acr	re demonstration \$	450.00
Total cost of producing	5 acres	135.00
Total profit on 5 acres		215.00

Oats: The importance of oats as a feed for livestock and poultry on the farm and the economical advantage in the cost of production in labor and fertilizer was emphasized to farmers in meetings, letters and conferences. If Result demonstrations were conducted with farmers on 27 acres of land. These farmers carried our practices as suggested: they used land that was not infested with wilt, they also used wilt - resistant seed and applied complete fertilizer before planting and followd with a top-dress of nitrogen and potash.

Summary of Oats Demonstrations

Acres	Yield	Value	Cost	Profit
27	1332.4	\$ 1998.60	\$450.00	\$1448.60
Average Average	yield per acre value per acre cost per acre profit per acr			-\$76.80 - 15.00

Small Grain Tour: One small grain tour was conducted in the early spring for the purpose of allowing farmers to see what the other farmers of the county were doing, and for the purpose of inspiring farmers to do a better job. This tour was attended by 15 farmers who were conducting demonstrations in oats and wheat. 10 Farms were visited.

Permanent Pastures: The ve were no additions to the permanent pasture demonstrations in 1947 but the agent attempted to concentrate upon the improvement of the 37 that had been previously started. Phosphate and lime applications we e made to 31 pastures during the year, and 3418 animals grazed on these 37 pastures. 1 Circular letter was issued on the importance of a permanent pasture and how a permanent pasture may cur in feed costs. These pastures are planted in Dallas grass, lespedeza and Dutch Clover.

Annual, Grazing: Bulleting, pictures, and graphs were made and distributed among farmers to show the importance of Annual grazing for cattle. 15 Farmers planted oats, rye, and wheat for animals to graze on during the winter.

A Summary of Outstanding Annual Grazing Demonstrations follows:

Name	Acres planted	No. Animals grazed
M. L. Benjamin	18	91
R. E. Thomas	11 1	115
Jerome Bristow	9	71
J.H. Frierson	15	200
Julius Jenkins	10	90
V. E. Gibbs	22	45
W. H. Flemming	15	206
Total	80	818

Lespedeza: 4 Farmers capried result demonstrations in lespedeza. The agent purchased seed for 21 farmers to plant in the meantime.

A Summary of Lespedeza Demonstrations follows:

Name	Acres	Amount produced
Austin Thomas	5	17,200 Pounds
Charlie Jordan	2	9,650
E. R. Thomas	4	15,400
Roosevelt homas	5	16,000
Total	16	68,250 Pounds

This project is now four years old and the result of the work continues to increase. The number planting lespedeza continues to increase. There are now 178 acres of lespedeza in the county and in 1946 the acreage was only 53 with 7 farmers planting lespedeza and now 41 farmers plant lespedeza.

Corn: In an effort to make beef, hogs and poultry production attractive farming enterprises the agent has found that more concentrates must be grown on the farms where such enterprises are to be established in order that these enterprises might survive. Corn is one of the basic feeds for livestock but to make it pay it must be produced economically.

Publicity through the County Program Planning Committee has created an interest in the production of corn that is worthy of note. The success of the program even caught the eyes of the Florence Junior Chamber of Commerce and this group of men joined the County Program Planning Committee in sponsoring the county corn production contest as one of their community activities. Their contribution to this program is the purchasing of 5 registered pigs to be given to the five highest producers in the corn production contest.

A farmer who enters the contest must enroll before May 15 and he must leave the corn in the field until the wield has been estimated and he must, also, furnish a record of the demonstration before the awards are made.

A Summary of the 1947 Corn Production Contest in 1947 follows:

Number of farmer	a Annea Vi	eld Velue (Cost	Dnofit
Manager of Terriner				
7.0	CD 000	7 6 01000 00 0	27 000 00	20101 00
19	57 211.	1.6 \$4788.88	D1293.90 3	53494.90
-/	21 -11.	H . 1	111711-	11

Lathan's Double variety of seed was used in these demonstrations.

Thr average yield was 48.8 bushels per acre.

the average cost of production per acre was \$22.70

The average value per acre was \$84.01

The average cost of production per acre was45%

A Summary of High Producers in the 1947 Corn Contest

Name	Average	Acres	Value (Cost Pro	fit Y	ield
B. C. Andrews James Cooper L. E. Hyman W. J. Jordan S. L. Perkins	94,8 79.8 77.7 64.3 61.4	5 3 3 5 3	\$868,20 430.92 419.58 587,60 333.56	90.00	340.92	233.1
		19	2639.86	623.96	2015,90	1457.

Corn Tour: One Corn Tour was conducted in August so that farmers may observe the progress of the demonstrations. The farmers who participated in the contest along with their friends visited the 19 demonstrations and enjoyed a delicious fish stew on the Pee Dee River in the afternoon. Rev. J. W. Curry was guest speaker for the event. This program was attended by 70 farmers.

Cotton: Cotton is a major cash crop for farmers of this county and much of the farmers' time is devoted to the production of this crop. In recent years it has been found that infestation by weevils has been greatly the cause of low production. The agent conducted five \$5 acre boll weevil control demonstrations to show that the 1-1-1 Treatment pays. These demonstrations were labeled and those that were not being poisoned were also labeled. At the close of the year a survey was made of the 179 farmers on the amount of cotton produced per acre and athe average was 1100 pounds per acre. The demonstrations showed an average increase of 402.5 pounds.

A Summary of the 1-1-1 Treatment for Boll Weevil

No. farmers	General Average	Av. increase
14 767676	1000 lbs.	402.5

Tobacco: Buring 1947 the agent emphasized the improvement of the quality and yield in tobacco. Tobacco is the main cash crop in this area. 1 Meeting was conducted on Blue Mold Control. 65 Farmers followed recommend tions in fertilization, insect and disease control.

Three farmers conducted tobacco spacing demonstrations to show that the proper spacing increases the yield and the quality of tobacco. The average amount of tobacco sold brought an average of 51 ≠ per pound.

A Summary of Tobacco Spacing Demonstrations for 1947 follows:

Name	Acres	Pounds	Value	Cost Profit
George Thomas William Flemming B. C. Andrews, Jr.	1 1 1	1650 1597 1622	782.53	\$2.00 \$620.00 200.00 582.00 200.00 598.00
Total	3	4869 .	2406.21	600.00 1806.21

The average value per pound was 51 %. The average cost per pound was $12\frac{1}{2}\%$. The average value per acre was \$802.07. The average profit per acre was 602.07.

The "Gold Dollar N. C. " variety of seed was used in these demonstrations.

ANIMAL HUSBANDRY

The work in Animal Husbandry in Florence County in 1947 consisted of **ed**ucation demonstrations with swine, beef cattle, and dairy cattle.

Swine

The program of demonstration work with hogs in 1947 included the placing of purebred sires, hog feeding demonstrations, and marketing hogs.

Purebred sires: 20 Purebred Boars were placed with farmers during 1947. The agent was assisted by livestock specialist in selecting these boars.

Record of Boars Placed in 1947

Name of farmer	Breed	Age	Cost
James Cooper	Duroc	3 Mos.	\$25.00
Walter Muldrow	Daroc	11	25.00
Ralph Ham	Duroc	II	25.00
Geo. Thomas	Duroc	11	25.00
J. C. Pigatt	Duroc	11	25.00
S. L. Perkins	Duroc	II	25.00
Clarence Staton	11	II	25.00
Lawrence Hamlin	11	II	25.00
Bert Mitchell	II .	ll ll	25.00
Timmie Myers	11	. 11	25.00
King McWhite	11	II	25.00
Josiah McClain	II .	11	25.00
Geo. Bailey			25:00
Gentle Thomas	11	11	25.00
Geo. Hunter	II .	II	
	II	0	25.00
B. C. Andrews	11	11	25.00
W. H. Flemming	11	"	25.00
John Myers	"	"	25.00
Keen Mungerlyn	"	"	25.00
Charles Andrews			25.00
Warren Frierson	11	, "	25.00
Total 20			500.00

There were 10 purebred gilts placed during 1947.

Record of gilts placed in 1947

Name	Breed	Age	Cost
W. J. Jordan	Duroc	3 Mos.	25.00
H. H. Frierson	11	ıı .	25.00
B. C. Andrews	11	II	25.00
James Cooper	II		25.00
King Mc"hite	II .	11	25.00
W. H. Flemming	II	11	25.00
Tinnie Myers	11	11	25.00
Lawrence Hamlin	п	II .	25.00

Geo. Hunter Nathan Benjamin	Duroc "	3 Mos. 25.00 " 25.00
Tetal	10	250.00

Hog feeding Demonstrations: Since the war farmers are continuing to raise and produce meat for both the home and market. 7 Hog feeding demonstrations were conducted by farmers.

A Summary of Hog Feeding Demonstrations follows:

			上海传传传传
Name	No. hogs	Gain	Value Cost Profit Days fed
J. H. Frierson	30	2610	\$1140.0\$600.00 "540.00 110
Malcolm Thomas	11	1210	654.000244.00 410.00 150
Gus Hicks	25	2100	1109.60 601.20 508.40 120
King McWhite	21	1900	1319.00 650.00 669.00 120
Geo Thomas	10	700	379.00 189.00 190.00 120
W. H. Flemming	5	460	200.00 90.00 110.00 110
Lawrnece Hamlin	3	200	140.00 85.00 .55.00 80.
Total	115	9070	\$4941.60-2459.20-2482.40- 790

Average value per hog \$42.10.

Average gain in weight per hog 78.8 pounds

Average gain in weight per day .8 pound.

Average cost of production per hos \$21.38.

Average cost per pound 13%/.

Beef Cattle

Beef cattle work for 1947 consisted of placing 10 whitefaced Herfords with formers and clubsters to be fed out and shown in the 1948 Fat Cattle Show. 15 Clubsters showed 17 beef calves in the 1947 Fat Cattle Show and sold the same (See 4 H Club Work).

Dairying

21 Farmers were assisted in getting high grade milk cows. 37 Farmers planted winter grazing crops for dairy cattle and 67 dairy animals grazed on these crops.

1 County Survey was made and 519 farmers responded showing an increase of 14% more dairy calves in 1947 than in 1946.

l Method demonstration was given in controlling parasited in dairy cattle and was attended by 13 farmers.

Entomology and Plant Pathology

Entomology and Plant Pathology work in 1947 consisted of work with crop diseases, crop insects, controlling parasited.

Summary of 1-1-1 Treatment for Boll Weevil

No. of farmers	ounty Average	Average increase
5	1100 lbs.	402.5 lbs.
Carrier of Worls An End	and and Dlont	Dathalam in 10kg
Summary of Work in Ent	comorogy and Fiant	Pathotogy in 1947
Work	Number	of Farmer assisted
Boal wevil control Controlling Grub in be	ef calves	a 5
Treating seed		15 47
Securing smut resistar Spraying poultry house		41
Pruning and spraying of		12
Spraying potatoes		178
Controlling insects ar	nd diseas in garden	
Bulletins issued		200
Spraying Stock Yards		25
Total		525

One circular letter was issued to 357 farmers on the importance of using D.D.T.

Four H Club Work

12 Clubs were organized in the county with an enrollment of 232 boys. The clubsters were urged to produce food for home and market use. It is the aim of the agent to get clubsters to see the importance of the farm in the nation. The agent attempted to make farm life attractive. The Four H club work was planned through the 4 H Council, the County Negro Home Demonstration agent and the Negro Agricultural agent assisted by the specialist in Extension Work in the state. The boys and girls meet jointly and conduct their meetings of business, recreation, and social gatherings,. The Four H clubs of the county assisted in the reforestration program at Camp Daniels. 1 Adult and 12 clubsters attended camp during the summer. 190 Clubsters completed demonstrations.

Rally Day Program: 1 Rally Day Program was conducted at St. Beaulah Baptist Church with 300 farmers and clubsters attending. Clubsters were encouraged to follow their demonstrations through to completion. The main speaker was Mrs. Ida E. Greene, Jeanes Teacher of Florence County. Clubsters participated in games and the local club played host and served a delicious dinner.

Achievement Day Program: 1 Four H Achievement Day Program was conducted jointly by the County Home Demonstration Agent and the Agricultural Agent and the program was attended by 250 farmers and clubsters. Immediately following the program a Four H Achievement Day Parade was conducted jointly with Wilson High School Homecoming Parade and outstanding clubsters showed exhibits in the parade and outstanding clubsters rode on the floats. The Florence Chamber of Commerce sponsored the program and the parade. Prizes were given to winning clubs.

Beef dalf Project: Emmanuel James of the Evergreen Community showed the Grand Champion at the Florence Fat Cattle Show. His calf weighed 935 pounds and brought \$477.49. 17 calves were shown by clubsters and the total weight was 12,491 pounds and these calves brought \$3,122.87. The gross profit per calf was \$83.52 and the average per pound in the sale was 24.8% per pound. The calves were fed 199 days and the average gain per day was 1.43 pound.

Summary of 1947 Four H Club Work

					77 Amimal	Value Co		ofit
Poultry	51	*			4656	\$3948.51	\$1805.15	\$2144.36
Corn	61	62	2525			4125.60	1918.20	2207.40
Pig (F)	61			4832	63	2413.80	1333.30	1080.50
Beef calf	15			12,491	. 17	3122.76	2141.02	980.74
Tobacco	2	2		2,375		1306.25	568.60	727.65
Total	190	64	2525	19,698	4736	14,906.91	0770 07	7186.15

Horticulture

Extension work in Horticulture included demonstrations in home and market gardens, sweet potatoes, home orchards truck crops and home beautification.

Gardens: Two circular letters were issued emphasizing the importance of a year round garden. I Survey was conducted jointly by the Home Agent and the Agricultural Agent to get the results of the gardening program. 451 Farmers responded and there were 401 farmers who had gardens all of the year with some vegetable that could be eatten in it. 578 Farmers planted enough vegetables to can for family use during the winter and also market.

Market Gardens: 11 Farmers conducted market gardens as their projects. These demonstrations were visited during the year and recommendations were made when and where necessary. 67 Bulleting were distributed on disease and insect control.

A Summary of Market Garden Demonstrations for 1947 follows:

Name	Acres	Value Cost	Profit
Boyd Kelly	1	\$192.00 \$90.00	\$102.00
Jerome Bristow	2	301.00 120.00	181.00
Josiah McClain	1	85.00 35.00	50.00
Lawrence Hamlin	1	143.40 60.00	83.00
Charlie Rainey	1	49.50 20.00	29.50
James Charles	1	102.00 49.00	59.00
James Washington	1	159.00 50.00	109.00
Walter Muldrow	1	90.00 25.00	65.00
Lydia Benjamin	2	278.70 89.00	189.50
Alga Cumminge	1	209.00 80.00	129.00
Lawrence Hamlin	1	134.40 60.00	74.00
Total	13	1744.00 681.60	1062.60

Average value per acre was \$134.15. The average profit per acre was \$81.72. The average cost per acre \$52.43.

Sweet Potatoes: A sweet potato project was conducted with 5 farmers in 4 communities. A summary of sweet potato demonstrations follows:

Mame	Acres	Yield	Value	Cost	Profit
E. R. Thomas Lawrnece Hamlin J. H. Frierson Gus Hicks James Cooper	2 1 3 3 1	261 126 381 350 130	571.50 425.00	\$90.00 46.00 101.00 100.00 47.00	143.00
Total	10	1248	1672.00	484.00	1288.00

The average No. 1 potatoes per acre was 124.8 bu. 1. The average value per acre was \$167.20. The average cost of production per acre was \$48.40 The average profit per acre was \$128.80.

Marketing

The work in marketing included assisting farmers throughout the county insecuring seed, exchanging seed, purchasing seed, and selling farm products.

A Summary of the Marketing Work for 1947 follows:

Products	Quanity	Bought .	Sold	
Hogs	803	\$2100	\$36,135	
Eggs Beef calves		2. XNSXXXX 1119.25	2081.20	1.1
Beef calves	17		3122.76	
Baby chicks Poultry	150,500 3990	12,040.00	15,860.00	
All Othe		1179.00	9,794.50	
	158,726	16,438.25	66,993.46	

Poultry

Poultry waor in Florence County for 1947 include emphasis on production of poultry and eggs for home and market uuse. Farmers were informed through meetings, conferences, 2 Poultry Schools, 2 circular letters of the value of brooders and 65% of them use brooders fro growing baby chicks.

Work in Poultry was done in 17 communities. Poultry houses were sprayed, 2 Four H teams were trainded to vaccinate for the pox. 15 Farmers were assisted in culling poultry flocks.

A Summary of Flock Demonstrations follows:

Name	Number produced	Value	Cost	Profit
W. J. Jordan W. H. Flemming J. H. Frierson	12,450 500 200	950. 425	400	\$14,170.00 550.00 224.00
	13,150	22,845.0	0 7,901	.00 14,944.00

These farmers sold eggs and broilers every month during 1947. When prices were lowest they were able to average 48% per dozen for eggs.

Publicity

Extension Work was given publicity through the distribution of a much illustrative information as was available to farmers, circular letters, newspaper articles, tours, participation in civic organizations, Achievement Day for adults and 4 H clubsters, Rally Day program. farm visits, individual letters, and visiting rural churches.

A Summary of the work in Publicity for 1947 follows:

Activity	Number
Farm visits	14 1856
Adult	
Attendance Adult	150
Attendance	1000
Meetings held or attended Attendance at these meetings Demonstrations conducted	194 34,209 501
Attendance	250
Rat Cattle Show	100 1
4 H Picnics	
Conservation Camp	

Visual Instruction

A summary of the work in Visual Instruction follows:

Types Number of far	mers	attending
Tours	-	
Meetings showing charts		
Motion pittures	- 90	
Method demonstrations		

Miscellaneous County and Community Activities

A summary of miscellaneous county and community activities, semi-official in character, but not strictly extension work are listed as follows:

Trustee of Trinity Baptist Church
Asst. Superintendent of Church School
Scout Master of Troop 104
County Chairman of Seal Sale
Member of Excutive Committee of Parent-Teachers Association
Secretary of Atlas Lodge
Member of Hirman Lodge (Mason)
Member of Program Committee of Fronteers of America

PROGRAM OF

FLORENCE COUNTY FOUR - H ACHIEVEMENT DAY EXERCISES AND PARADE Sponsored by the Florence Chamber of Commerce Mr. Frank H Barnwell, Pres.

Trinity Baptist Church, Florence, South Carolina

November 26, 1947 1:30 P. M.

America Audience
Invocation Rev.E. V. Cibbs
4-H Pledge Clubsters
Music Olenta
State 4-H Acnievements Mr. Wayman Johnson
Assistant State Supervisor
Special Music Olanta
Four H Activities Mass Helen Walker
Negro County Home Demonstration Agent Sunter, S. C.
Solo Mr. Wescott Johnson
Address Rev. H. H. Butler
President of Morris College, Sumter, S. C.
Special Music Pamplico
3:00 P. M.

Four H Parade - Conducted jointly with Wilson High School'S HOMECOMING PARADE

Judges: of Floats Mr. A. E. Creamer Mr. J. E. Kaufman Mr. G. Henry Barnwell

Awarding of Prizes ---- Hr. A. E. Creemer Prizes --- Floats - 1. 2 Soft balls and bat 2. 2 Soft balls and bat

Leader of winning clubs

1. Presto cooker

2. Electric from
3. Pinking shears
1. Basket ball
2. Volley bell and net
3. Pressure cooker "4 H Pledge -I pledge - Torre Monty Hone Congretive Live April Suntage My Head to clearer thinking,
My Heart to greater loyalty,
My Hands to larger service and

My Health to better living
For my Club, my Community, and my Country."

L. W. Brown, Co. Home Dem. Agent

H. S. Person Negro Agri. Agent

Negro Clubsters To Hold Achievement Day Meet; Will Feature 4-H Parade

ment of 500 Negro boys and girls will assemble at Trinity Baptist church Wednesday, November 26, at 1:30 p.m. for an Achievement Day celebration.

The participating clubs will be Red Hill, Beulah, Salem, Woodland, High Hill, Fleet, Pamplico, Mt. Rona, Evergreen, Olive Grove. Olanta, Elim, Long Branch, Sav-annah Grove and Goodland.

Dr. H. H. Butler, president of Morris college, Sumter, will be guest speaker for this occasion. Special music will be furnished by Olanta and Pamplico 4-H clubs

Fifteen organized 4-H clubs of and by Wescott Johnson, student florence county with an enroll- at Morris college. Others on this program will be representatives of the State Extension Service.

Immediately following the program a 4-H Parade will be con-ducted jointly with the Wilson high school Homecoming Parade,

The Florence Chamber of Commerce is sponsoring the 4-H Parade and will award prizes. The clubs will be judged by A. E. Creamer, J. E. Kaufman, and G. Henry Barnwell. Each group will be judged on informational dis-

play, appearance, and attendance. This program is being conducted under the supervision of Mrs. L. W. Brown, Negro county home demonstration agent, and H. S. Person county Negro agricultural agent

NEGRO FAT CATTLE SHOW

H. S. PERSON, Negro Agent, In Charge

- 1. One feature of the fat stock show will be individual classes for fat steers and helfers for Negroes. This show will be open to Negro 4-H club members, N. F. A. and Negro farmers from South Carolina.
- 2. This show shall be governed by the same general rules and regulations, and the regulations for fat cattle.

Class No. 2-Individual Fat Steers or Heifers \$250.00

Prizes will be awarded according to U. S. Standard grades on s 5, 3, 2 basis for CHOICE, GOOD and MEDIUM grade, steers.

CHAMPIONS

The calves in the CHOICE grade will be placed individually by the judge and his first and second prize winners will automatically be the Champion and the Reserve Champion.

GRAND CHAMPION Ribbon RESERVE CHAMPION Ribbon

Negro 4-H Youths Demonstrate In Program Here

Approximately 250 youths assembled at Trinity Bap-tist church yesterday in an achi-Negro 4-H evement meeting that saw the beginning of what H. S. Person, Negro agricultural agent, hopes will be an annual event.

In the absence of Dr. H. H. But-ler, president of Morris College, who was slated to appear as prin-cipal speaker of the occasion, Rev. H. B. Jones, pastor of the Cum-berland Methodist church, addressed the group emphasizing the opportunities that exist for rural residents. He centered his talk on the familiar 4-H motto: "Making the best better".

He traced various outstanding Negro figures in the field of agriculture, such as the late Booker T. Washington, and challenged the members of the chapters of the 4-H club from throughout Florence count yto strive for the same goal.

Clubs attending included representatives from Olanta. Salem, Pamplico, Savannah Grove, Mt. Rona, Fleet, Evergreen. Long Branch, High Hill, Red Hill and Elim.

Special music was furnished by the Olanta and Pamplico 4-H clubs with the Rev. Gibbs of Pamplico rendering the invocation. Special recognition of the work accom-plished by the various clubs was

A special feature of the meet was the 4-H participation in the Wilson Hi homecoming parade, which contributed many outstanding floats to the event.

Judged on the basis of their representation of 4-H activities, Evergreen took first prize for the best float, High Hill second, with Olanta receiving honorable mention. Softballs and a bat were awarded to the two winning groups.
Another float was commended for its beauty of design but was not entered in the contest since it was made by the colored county farm officials

Club awards went to Salem (a basketball), Pamplico (pressure (boker), and Beulah (volleyball and net). Individual prizes for the leaders were awarded to Mrs. Thelman George of Salem (presto cooker), Mrs. Eva Bartell of Pamilico (electric iron), Mrs. Mar-jorie Johnson of Beaulah (pink-

ing shears).

A. E. Creamer, representing the Florence Chamber of Cimmerce made the awards. Other judges included J. E. Kaufman and Henry Barnwell. Prizes for the event were given by the local chamber and purchased by H. S. Person, Negro agriculture agent, and L. W. Brown, Negro home demonstration agent.

Negro 4-H Poultry Exhibit Will Be Held Thursday

starrott, Crarcildon, and COUNTRES WILL CALLEDIC Six Puncio caun in the Agricultural Dunumb at the Florence A.f. Dase Tuth Sudy, NOVEMBER 20, 104%.

The chickens wan be brought in at 10:00 Thursday morning and arranged in pens of six puncts.

oy Pourtry Speciansts from Ciemson College Extension Service. 1111measurery following the judging these punets will be sold.

project is a Chain" that was started through the courtesy of Sears Roebuck and Company. Fifty dollars in cash

from awards will be given in each counr'lorence ty to winning ciunsters.

Winners \$10.00 eacn-\$20.00

3 Red Award Winners \$5.00 each 00.610

5 White Award Winners \$3.00 each--\$15.00-

The proceeds from the sale of At 2:30 the punets will be junged these pullets will be used to purchase more chicks for the expansion of this project.

The Steering Committee for this project is made up of Negro Agri-County Poultry custural Agents, Demonstration Agents, Specialists and the manager of the Sears store in Florence, Mr. A. E. Creamer.

The general public is invited to observe and encourage the club-sters in their first attempt in this kind of activity.

acres a a a dalla a light a B.

Negro 4-H Club Poultry Show Held

Mildred McBride, and Henriet

Top Prize Winners
Bring High Of \$1.02 Per
Pound; Sears Sponsors
Project

A successful annual Negro 4-H
club poultry show of Florence, Marion and Clarendon country was a statement with the air base yesterday atterboon with Mae Alice Mellett representing the Providence club of Clarendon country, taking to Clarendon country was a distributed as follows as held at the air base yesterday atterboon with Mae Alice Mellett representing the Providence club of Clarendon country, taking to Clarendon country, taking the phonors by having her coop declared the grand champlon to Country were as the prize of the local Sears store, made the presentation of prizes.

Two first place prizes, three second place winners in Clare don country were laboured by Sear Rocebuck Company. The prise money was distributed as follows at the prize to all winners by Sear Rocebuck Power also country were as the prize of the local Sears store, made the presentation of prizes.

Two first place prizes, three second place winners in Clare don country were laboured by Sear Rocebuck Company. The prise money was also for each of the 15 third place winners and the present prize of the high place winners and the present prize of the prize was a solon to the state of the prize of the prize was a solon to high place winners and the prize of the field place winners and the prize of the field place winners and the prize of the chickens added this and about six months old.

remee and Charendon counties, reapendively.

Sears, Rochuck Company made
an original donation of 30 baby
chicks to each of the three counties' cube iast May. The chickens
chickens raised by club members
from these chicks

The county agents from each
county thanked Mr. Creamer for
making it possible for the show.

Mr. McLendon congratulated the
Chickens county agents on their lendcrethip in the project and since
the chickens the members and
their parents for their fine work
in raising the chickens. He and
cither speakers called for more suchastes by those present on the
chicken industry in the Fen I 2

37cd.

Summer 4-H Camps

Thousands of South Carolina 4-H Club members are eagerly awaiting 4-H camping season which begins June 2 and lasts throughout the summer. The camps will be of one week duration with a new group arriving each Monday.

Three camps are available to 4-H members in the state. Camp Long, twelve miles from Aiken, accommodates 250 members weekly and had an attendance of 2700 during the summer of 1946. Romaine Smith, District 4-H Club Agent of Central District, has been Camp Director for several years and has

By Dan Lewis, State Boys' Club Agent

& Eloise Johnson,

State Girls' Club Agent

ning Program 10.00 p.m. Good Night.

Morning Activity Periods

Tuesday 10.00-11.00

Group I "Manners Can Be Fun" Group II Swimming Instruction and Water Safety

Group III Tractor

been identified with the camp since its beginning.

Over on the Santee, a few miles from Manning and Summerton is Camp Bob Cooper, which accommodates approximately the same number of summer campers as does Camp Long. J. T. Rogers, District 4-H Club Agent of the Pee Dee District, directs the camp program here. This camp is still being developed, having been in operation since 1942.

Rocky Bottom, Pickens County 4-H Camp located north of Pickens, is available to club members in South Carolina also. This camp has been in operation since 1925.

The following daily schedule will show the type program carried out at 4-H camps:

7.00 a.m. Good Morning! 7.30 a.m. Breakfast. 9.00 a.m. Cabin Inspection. 9.15-10.00 a.m. Song Period. 10.00-11.00 a.m. Activity (see below). 11.00-12.30 p.m. Swimming—softball. 1:00 p.m. Lunch. 2.00-3.00 p.m. Quiet Hour. 3.00 p.m. Activity Periods (see below). 4.00-5.30 p.m. Swimming or softball. 6.00 p.m. Supper. 8.00 p.m. Vespers. 9.00 p.m. Eve-

In these two pictures are (i) outstanding people in national 4-H club work. Miss Bessie Harper, District Home Demonstration Agent, pre-sents awards to Mrs. Katie Owens Hankinson, the first 4-H club girl in the nation. (ii) The plaque awarded Miss Marie Cromer Zeigler, founder of Girls 4-H club work in the United States. Both of these occasions occurred in Aiken County.

Wednesday 10.00-11.00

Group I Recreation for Club Meetings

Group II Field Trip—Insect Identification

Group III Tractor

The negroes have an excellent record in 4-H club work in the Pee Dee Section. Reading left to right are: A. E. Creamer, chairman of agcultural committee the Chamber of Commerce and Kiwanis Club of Florence; H. Pearson, colored agricultural agent, Florence County; Emanuel James, grand champion steer, Fat Stock Pee Dee district exhibit-the steer was sold to Sonoco in Hartsville at 50c per pound; and Emanuel's father, who accom-

panied him to the steer show.

Thursday 10.00-11.00

Group I "Look Your Best" Group II Swine Management

Group III Tractor

Friday 9.00 Flag Raising Ceremony

9.15 Song Period

10.00-10.30—Chapel by campers (model club meeting)

10.30 Group III. Safety in Handling Firearms or Handicraft

Workshop.

Afternoon Activity Periods

Tuesday 3.00-4.00

Group III Tractor

Group I and II Safety in Handling

Firearms

4.00-5.30 Swimming or Softball Handicraft—(Leaders)

Wednesday 3.00-4.00

Group III Tractor

Group II Safety in Handling Firearms

Group I Fishing

4.00-5.30 Swimming or Softball or Handicraft Workshop

Thursday 3.00-4.00

Group III Tractor

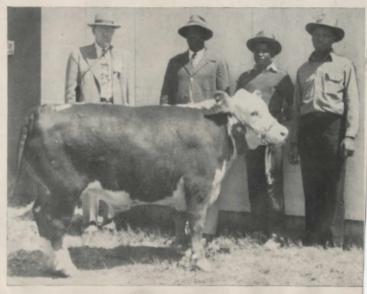
Group I Safety in Handling Firearms

Group II Fishing

4.00-5.30 Swimming or Softball Handicraft Workshop

South Carolina Forms State Junior Vegetable Growers' Association

For the fourth consecutive year, South Carolina 4-H members are participating in the National Junior Vegetable Grow-Continued on Page 37



"WHAT HELPS SOUTH CAROLINA HELPS YOU"

H. S. Person,
Negro Agri. Agent