

# NORTH CAROLINA

VANCE COUNTY AGRICULTURAL AGENT ANNUAL REPORT 1942

Index		Page
1 e 3.24	Selling-Milk and Butter.....	18-19,21
4 h 1.12	Nat'l Poultry Improvement Plan....	20
4 L 2.1	4-H Breeding Pig Club.....	13-17
8 a 2.54	Junior Council.....	26
8 h 1.3122	4-H Achievement Day.....	27-28
* 8 h 1.332	4-H Club Camp.....	26-27
8 h 1.41	Radio-4-H Club.....	30
8 h 3.2182	4-H Livestock Shows.....	15-16
11 i 5	Woodland -Thinning.....	12,12a
22 b 1	County War Production Goals.....	22-23
22 c 2.2	County USDA War Board.....	6-7
22 f 2	Selective Service Problems.....	6
AM-12		

**REPORT FILES**  
 EXTENSION WORK

**NARRATIVE REPORT**

**SUBMITTED BY**

**J. W. SANDERS, AGRICULTURAL AGENT**

**AND**

**WILL M. SMITH, ASSISTANT AGRICULTURAL AGENT**

**FROM**

**DECEMBER 1, 1941 TO NOVEMBER 30, 1942**

**VANCE COUNTY**  
**NORTH CAROLINA**

VANCE COUNTY

TABLE OF CONTENTS

I. Extension Organization	page 1
II. The Extension Program and the War Effort	page 2-3-4 5-6-7
III. Special Project Activities	
A. Crop Rotation Demonstrations	page 8
B. Legumes and Forage Crops	page 8-9
C. Sweet Potatoes	page 9
D. Agricultural Engineering	page 10-11-12
E. Forestry	page 12
F. Swine	page 13-14-15 16-17
G. Dairying	page 18-19
H. Beef Cattle	page 20
I. Poultry	page 20
J. Farm Management	page 21
K. Marketing and Distribution	page 21
L. Beekeeping	page 21-22
M. Insects and Plant Pathology	page 22
N. Nutrition and Health	page 22-23
IV. 4-H Club Work	
A. Organization	page 24-25-26
B. 4-H County Council	page 26
C. Camp	page 26-27
D. Achievement Day Programs	page 27-28
E. Recreation Activities	page 29
F. Shows or Fairs	page 29
G. Special Programs	page 30
H. Projects	page 31

## VANCE COUNTY

### EXTENSION ORGANIZATION

The set-up of Extension workers in Vance County consists of the County Agent, Assistant County Agent, the Home Demonstration Agent, the Assistant Home Demonstration Agent, the Extension Stenographer, and the Negro County Agent. The County Agent had three different assistants during the year; the first one, J. T. Richardson, being a reserve officer - was called to duty with the armed forces in January; the second one - R. E. Smitnick, County Agent at Large, was assigned to the county temporarily pending the appointment of a permanent assistant, and remained in the County for about six weeks; the third, Neill M. Smith, was assigned to the County as full time assistant and reported for duty on February 16th. Two different Assistant Home Demonstration Agents served in the County during the year; Miss Josephine Banes resigning effective May 1st. and Miss Frances E. Wilson succeeding her.

The county organization of neighborhood leaders that was organized in 1941 was strengthened and has functioned quite satisfactorily during the year in promoting the program of work with particular reference to the war effort. There are twenty-one neighborhood officers in this organization and one hundred and fifty members.

The County 4-H Council with twenty-eight members helps to plan, and promote the work of the 4-H clubs - of which there are seven in the County.

The Agricultural Workers' Council, the membership of which consists of all paid Federal Agricultural Workers in the County and the Master of the Grange, the president of the County Federation of Home Demonstration Clubs, and the chairman of the County AAA Committee is set up to coordinate and promote the agricultural program as a whole in the County. They meet once per month, and also on call when problems arise that need the immediate attention of the Council. The County Agent is at present Chairman of the Council, the Assistant County Agent is Vice Chairman and the Extension Stenographer is Secretary.

## VANCE COUNTY

### THE EXTENSION PROGRAM AND THE WAR EFFORT

The Agricultural Extension program in Vance County was already geared for war time pitch when the infamy of Pearl Harbor dragged the nation into the war on December 7, 1941. The defense program wherein certain 1942 goals for the county were set up had already been overpledged through personal contact by committeemen and the Nation's entry into the war served to remind the farmers of the County of their pledges in connection with the food program and caused many of them to increase their production of these vital crops far beyond that originally planned. This was particularly true of the soybean crop for which the original pledge was 1100 acres but which was increased to 1754 acres following a second canvass after the loss of oil imports from the East Indies - this in face of the fact that Vance County farmers had not previously gone in for soybean production for harvesting the beans. Lack of experience in growing soybeans caused many of them to fail in this their first effort but many of them also succeeded, and while no definite figures are available it is estimated that approximately one thousand acres of soybeans were harvested for oil in the county this fall.

On December 15th, 1941 the Vance County Civilian Defense Council was set up and the County Agent was appointed as the Chairman of the Agricultural committee of this Council with the specific duties of seeing to it that the rural sections of the County carry out the request of the War Department and the U. S. Department of Agriculture that they at least feed themselves by producing their own food and thus leave to the armed forces and our fighting allies the foods which have heretofore been being shipped into the County. This undertaking has been most successfully carried out through the help and undertakings of the Agricultural Workers' Council and the organization of neighborhood leaders. On January 28th the members of the Agricultural Workers' Council in a regular meeting volunteered to personally contact the neighborhood leaders and explain to them the Victory Garden program as outlined at a district meeting in Raleigh - attended by all Extension Workers - and request these neighborhood leaders in turn to contact the rural families in this connection and urge upon them the growing of a Victory Garden in 1942 - same being a garden designed to produce not just enough food to keep the family going but sufficient in both quantity and variety to bring the efficiency of every member of the family up to maximum capacity and thus help to relieve the deplorable situation coming to light in the health examinations of draftees, - that high percentages of them were being turned down because of malnutrition. This campaign was successfully carried to practically every farm home in the County by the neighborhood leaders during the month of February.

## VANCE COUNTY

In 1941 the Extension Agents sponsored a program among the rural people called "Food and Feed for Family Living". In this program any family submitting a score card at the end of the year showing that they had produced as much as 75% of their food and feed requirements for the farm was to be given an engraved certificate in recognition of this accomplishment, signed by the Governor of the State. About sixteen hundred farm families returned cards pledging themselves to this effort. Six hundred and forty-three of these sent in score cards at the end of the year and of this number three hundred and forty-six qualified for the certificates. The work of scoring these reports was done by Mr. R. R. Smithwick, County Agent at Large, and the certificates were ready for delivery about March 1st. In order to give these people suitable recognition and in order to give added impetus and publicity to the 1942 Victory garden, campaign arrangements were made for delivery of these certificates at a public meeting at the Court House in Henderson on April 3rd. Some apprehension was felt on the part of some as to whether or not these people could be assembled for this purpose at this time of the year when farmers were busy preparing to plant their crops. In order to insure attendance by a representative number of these certificate winners the neighborhood leaders were given the names of these families in their respective neighborhood, with the request that they notify them in person and urge their attendance. These leaders did a good job of this and at the meeting 806 of the certificates were delivered. Mr. O. F. McCrary, District Agent, N. C. State College Extension Service, made the principal address on this occasion, his subject being "Food Will Win the War and Write the Peace". The timely deliverance of these certificates together with Mr. McCrary's address served to add a wonderful stimulus to the Victory Garden campaign which had just been put up to the people of the County in a farm to farm visitation by the neighborhood leaders.

It became immediately evident upon this nation's entry into the war that construction of materials for carrying on the war would require vast quantities of scrap metals to supplement the regular supply of iron and steel. On January 6th a meeting of the Agricultural Workers' Council was held and Mr. Meekins, representing the State Agricultural Workers' Council, addressed the meeting which was also attended by local scrap dealers and farm implement dealers. At this meeting plans were devised to make a special drive for the collection of scrap metal from the farms and from other sources where it might be available. Also in an effort to conserve metals already on hand through the purchasing of less equipment made of metals, plans were made for urging farmers to repair their presently owned farm implements and make them last longer rather than discard them and buy new implements, which in all

## VANCE COUNTY

probability would not be available anyway after the present supply is exhausted. Plans adopted for getting these two campaigns across to the farmers were as follows:

Circular letters to farmers including an explanatory sheet on each of the two programs.

Announcements and handbills in the schools.

Newspaper articles.

Dealers to advise customers.

Display explanatory statements in stores and public places.

And finally a house to house canvass by neighborhood leaders and AAA Committeemen.

The farm to farm canvass was made by AAA Committeemen in connection with their visitation in getting farmers to sign their 1942 plans of work, and the house to house canvass was made by neighborhood leaders in connection with the Victory garden visit. The initial success of the scrap iron campaign was very gratifying and it has been kept before the people as a continuous need since the campaign first started. When the need for additional scrap began to be acute in last summer another drive was put on for its collection and special arrangements were made by the County Agent and the Assistant County Agent for the establishment of salvage depots at the various rural stores and service stations. After first making arrangements with the local scrap dealers to collect the scrap after these people had bought it for them twenty-four such depots were set up in the rural sections of the County. The people were notified first by circular letter of the arrangements and then another visitation on scrap metal collection was made by the neighborhood leaders. From January 8th up to the time of this drive the scrap dealers in the County reported receiving approximately 3,500,000 pounds of scrap metal from the County. Following this the newspaper campaign for the collection of scrap took shape and the County Agent and Assistant County Agent along with the Secretary of the Henderson Production Credit Association gave their assistance in this campaign by organizing and conducting a series of meetings at six rural schools and one at the City High School in Henderson for the collection of scrap and for the sale of War Bonds during the month of October. At these meetings moving pictures by the Bureau of War Information, news reels on the War, and other pictures of a patriotic nature were shown in an effort to bring the people to a full realization of their duties in connection with the

#### VANCE COUNTY

war effort with particular reference to the collection of scrap metal and other salvage material and the purchase of War Bonds. At the end of this series of meetings the total scrap metal collections for the County since the War began was approaching the 5,000,000 pound mark and the sale of War Bonds at these meetings alone amounted to \$84,000.00 worth - more than the whole County's quota for the month. In citing these accomplishments the Extension Service is not taking claim for the full contribution but its Agents worked hand in hand with various other organizations all for the one purpose of rendering service where service seemed to be most needed to get the results that would help in winning the War.

In the fall of 1941 the War Department began preparations for the construction of a military camp in parts of Granville, Durham and Person Counties - later designated as Camp Bulmer. It was at once evident that about seven hundred farm families would be displaced from this area by the early part of 1942. In order to make provisions for taking care of some of these farm families a county wide meeting of neighborhood leaders was held in the Court House in Henderson on December 15th, 1941 to discuss plans for making an inventory of all farms for sale or for rent in this County that could be made available for these people. This meeting was attended by one hundred of the one hundred and fifty neighborhood leaders. These neighborhood leaders agreed to make a canvass of their neighborhoods in order to get the desired information. As a result of this canvass a total of ninety-eight farms were reported for sale and thirty-six farmers listed places for tenants. The County Agent compiled this information in an eleven paged mimeograph circular and distributed it throughout the area involved, at various employment offices, and other places where these people might learn of these places. Several farms have been sold to these farmers and an undertermined number of these tenants moved to Vance County in 1942. Others who did not make permanent arrangements in 1942 are still likely to purchase some of these farms and establish themselves here.

On April 24th the County Agent was called to Raleigh together with other County Agents from the surrounding counties for a conference on war production goals with the Director of Extension. Each County Agent was requested to assemble the Agricultural Workers and U. S. D. A. War Boards in his County and set up possible crop production goals for 1942. The male members of the Agricultural Workers' Council met on May 9th and entered into a discussion and study of crop goals for Vance County. Unable to complete the work on this problem at this meeting they adjourned to meet again on May 12th with the County U. S. D. A. War Board to complete the



## VANCE COUNTY

proposed goals. These recommended goals were completed and forwarded to the State office as requested for possible use in determining each County's part in the production of Agricultural products in the war effort for 1943.

On May 20th the Extension Workers were called to Raleigh for a conference on the President's Seven Point Program. After attending this all day conference the workers returned and presented the material to the Agricultural Workers' Council at their regular meeting on May 27th. Plans were made at that time for contacting neighborhood leaders in group meetings and explaining the Seven Point Program to them with special emphasis on the plan to control inflation. These meetings were held with the neighborhood leaders and a house to house canvass was made. The explanation of the program was made to the various families contacted and a copy of the information material was left with them. A very favorable reaction from the rural people was apparent from the contacts made.

With the Selective system's steady drain on farm labor and the consequent demand for deferment of farmers and farm labor for essential farm operations the Local Board of the Selective Service System began early in the Summer of this year to call on the County Agent for a report on the farming activities of various individuals who are asking for deferment for themselves or whose landlords are asking for their deferment for farming purposes. The information asked for by the Board is in the form of a standard questionnaire designed to show the complete farming operations and the total labor supply for the unit of the farm that the registrant works on. The County Agent has supplied this information from a combination of the records in his office and from the facts as gathered by a personal visit to the farm for the purpose of securing the information first hand and from a reliable source. This has required a great deal of the County Agent's individual time, but with the serious shortage of farm labor prevalent and becoming more and more acute it is felt that the time required for this work is well spent. However, inasmuch as no credit is given by the man power commission for tobacco as an essential war crop it is hard for farm labor in this County to qualify as farm labor engaged in essential Agricultural work.

The County U. S. D. A. War Board which was set up by decree of the Secretary of Agriculture has functioned in various capacities in connection with its duties. The personnel of this board consists of the Chairman of the County AAA Committee who by virtue of his office is designated chairman of the War Board, one representative of the Farm Security Administration - I. W. Day, who is County R. R. Supervisor, one representative of the Production Credit Association -

## VANCE COUNTY

W. B. Gooding, Secretary of the Homeless Production Credit Association, and representative of the Emergency Crop Loan office - C. E. Barton, Field Officer of Oxford, N. C., and representative of the Soil Conservation Service - L. E. Miller, Unit Leader, and representative of the Rural Electrification Authority - C. W. Grissom, and one representative of the Extension Service - J. W. Sanders, County Agent. The County Agent was elected by the other members of the Board to serve as Secretary. The County U. S. D. A. War Board has been called upon principally to supply information with reference to various items for which such was needed by different branches of the War Department through the State War Board. It has also been called upon to receive applications for and pass on local applications for priority on construction of farm buildings, and more recently on applications for farm truck purchases after approval by the Farm Machinery Rationing Committee. It has been called upon to establish a Farm Machinery Rationing Committee, the Chairman of which was previously designated in regulations as being the Chairman of the AAA Committee. This Committee for Vance County was set up by the County U. S. D. A. War Board as follows: Chairman - E. W. Wortham, Geo. T. Robertson, C. B. Baskett, Alternates, M. F. Greenway and H. F. Fleming. The County U. S. D. A. War Board has also been called upon to establish a Farm Transportation Committee, the Chairman of which was also designated by regulations to be the Chairman of the AAA Committee. The Committee was set up as follows: Chairman, E. W. Wortham, M. F. Legg, farm supply representative, F. E. Hicks, - truckers representative, C. W. Grissom, livestock representative, and the following alternates, Sam D. Rose, G. F. Floyd, G. L. Tilley, and L. E. Willmore. The duty of the former committee is to pass on applications for certificates for purchase of rationed farm machinery and farm trucks. The duties of the latter committee are to pass on applications for certificates of war necessity on farm trucks and to pass on requests for adjustments in gasoline quotas for operation of farm trucks.

The County U. S. D. A. War Board also worked in cooperation with the U. S. Employment Service in making a survey of available labor in towns and rural sections of the County for use in working and gathering crops throughout the County. The County Agent as a member of this board assisted in making the survey.

The County U. S. D. A. War Board, the County Farm Machinery Rationing Committee, and the County Farm Transportation Committee all have their offices in the quarters of the Extension Service, as does also the County Agricultural Conservation Association.

## VANCE COUNTY

### SPECIAL PROJECT ACTIVITIES

#### CROP ROTATION DEMONSTRATIONS

On the farm of Thomas A. Morgan in Townsville township, a permanent crop rotation demonstration was started in 1938 with F. W. Morgan, Dept. of the farm through the assistance of E. C. Blair, Extension Agronomist of State College. This is a large farm which Mr. Morgan had just purchased when the demonstration was started, and at that time was in a very much run down and dilapidated condition. Mr. Morgan was very anxious to establish a system of farming that would be a credit to himself and at the same time make it a practical undertaking from an economical standpoint over a period of years. Mr. Morgan has followed through on the job of improving this farm and has carried out the planned rotations in a practical way, and the results today are outstanding. He has improved the land by terracing, rotations, turning under Summer and Winter legumes, straightening up fields, filling up gullies and ditches. He has increased the yields of the lands by three times the amount it produced the first year he operated the farm. He has adopted the practice of using improved seed and livestock. He has constructed modern buildings with plans furnished by the Extension Service - changed in minor details perhaps to better serve his particular needs.

Three other crop rotation demonstrations for the farm as a whole are being conducted in the County - one on the farm of Mrs. Elmie K. Allen which has been in progress two years, one on the farm of W. C. Bobbitt and one on the farm of J. C. Woodlief, each of which have been in progress one year.

#### LEGUMES AND FORAGE CROPS

This fall the County Agricultural Conservation Association, of which the County Agent is Secretary, received and distributed 40,000 pounds of crimson clover seed and 35,000 pounds of Austrian Winter Peas to farmers in Vance County. These were planted largely for the purpose of turning under as green manure crops next Spring to supplement the shortage of nitrate of soda. The County Agents have stressed in every way possible the importance of this practice even more than ever and in this manner contributed in a large measure to the planting of these crops for these purposes. In addition to these winter legumes planted this fall hundreds of acres of lespedeza,

## VANCE COUNTY

soybeans and cowpeas were planted and turned under this fall for the same purposes. In growing these crops to feed the soil the farmers have not overlooked the importance of feeding their livestock, and in most cases the matter of sufficient forage crops to feed the livestock has taken precedence over that for turning under to improve the soil. Very few farmers in Vance County now are having to buy hay or corn for their livestock, and numbers of farmers are usually establishing permanent pastures by properly preparing the land, applying limestone and phosphate, and using recommended seed mixtures of adapted varieties.

A total of eighteen carloads of limestone containing 1101 tons was distributed to 280 farmers through the AAA conservation materials arrangement for use in connection with their legume crops and pastures. Also forty tons of 18% Superphosphate was likewise distributed to 47 farmers for the same purpose.

### SWEET POTATOES

There is a group of about thirty farmers in the County that grow sweet potatoes especially for market. Most of these live in the same community but two or three of them live in other communities. With a view of assisting these producers in their production and marketing problems a sweet potato school was held at the County Agent's office on the night of February 12th. Nineteen farmers attended the school. Mr. O. F. McCrary, District Agent, State College, headed up a group of Agricultural workers who were present to lead the discussion. Mr. L. P. Watson, Extension Specialist in Horticulture discussed varieties, production and grading. Mr. H. W. Taylor, Extension Marketing Specialist discussed the marketing problems of sweet potatoes. Mr. F. D. May of the Consolidated Council of Chain Stores discussed the place of sweet potatoes in the produce market, and Mr. O. F. McCrary discussed the place of the sweet potato in the general economic set up and as a supplementary cash crop. Sometime later a general synopsis on sweet potato production and marketing was mailed to all producers in the County that grow them for the market. This school on sweet potatoes was very timely in view of the efforts being made for food production in the war program and the benefits derived are thought to be sizable judging from the interest shown by those attending.

## VANCE COUNTY

### AGRICULTURAL ENGINEERING

For several years the terracing outfit owned by the Vance County Mutual Soil Conservation Association Inc. has been in operation in the County under the direction of the Assistant County Agent. For the past two years the matter of repairs for the machine has been a constant source of trouble and expense. In direct contrast to the highly satisfactory service which it has previously given it has become a heavy burden by taking a large proportion of the Assistant Agent's time keeping it repaired, with little work being done meanwhile, and with frequent heavy repair bills was getting the Association involved heavily in debt with no visible prospect of paying out through collections from the operation of the machine. Also the Army had acquired all the experienced operators of the machine together with the Assistant County Agent. A meeting of the Directors of the Association was held on April 28th to discuss the matter of disposing of the outfit. A financial report was given and a report on the present condition of the machinery was made. There were outstanding open accounts amounting to \$980.00 and it was estimated that needed repairs would cost \$750.00 to put it in satisfactory running order. With all the operators gone and in view of the growing indebtedness of the Association it was decided to sell the outfit and apply the sale price on the debts if permission could be received from the County Board of Commissioners who held a mortgage on the equipment. Mr. W. W. White, Chairman of the Board of Directors, and the County Agent appeared before the commissioners on May 4th and presented the matter to them. Permission was given to sell the outfit and apply the proceeds on the Association's indebtedness as requested. Accordingly, it was sold by the Directors to the Carolina Tractor and Equipment Company and the open accounts of the Association were paid. Meanwhile the account due the County was written off by the Commissioners. While this appeared to be an unhappy end to the terracing unit in the County it is felt that the good done while it was in operation has well outweighed the unpaid balance owed to the County. Hundreds of acres of terraced land throughout the County stand today as demonstrations in the value of terraces properly constructed and maintained as a result of the operation of the outfit which was for a period of four years.

With the disposal of the terracing unit there was a natural reduction in the amount of terracing work done by the County Agents.

## VANCE COUNTY

With war programs demanding attention there was not time to devote a great deal of work to personal services by staking and directing the construction of terraces. However, terraces were staked on seven farms where the farmers did their own construction work with light terracing equipment available on the farms or in the neighborhoods.

On May 1st the County Agent and the Assistant County Agent along with representatives of the Soil Conservation Service attended a discussion and field meeting in Franklin County on contouring rows to conserve the soil. This meeting was attended by similar representatives from several counties in this immediate territory. A discussion of the value of contoured rows and methods of contouring was conducted at the County Agent's office in Louisburg and the field meeting was held on a well terraced farm in Franklin County where the farmer had been practicing contouring of rows for some time. Methods of establishing the contour rows were demonstrated on the farm. It was an outstanding demonstration of the value of terracing and contouring rows, since the farm was in a splendid state of improvement with a well constructed system of terraces and outlets, and it was described as having been a very poor farm, washed away and gullied when the owner began its improvement a few years ago.

On February 28th a local oil distributor held a meeting on farm machinery maintenance at which about 200 farmers were present. The County Agent was invited to attend this meeting and take part on the program by making a few remarks on the importance of taking care of farm machinery. Since this tied in with part of the war program on which the Extension Agents were already at work advantage was taken of this opportunity to stress the matter of repair for farm machinery as well as for the care of same to prevent the need for repairs or replacements in so far as possible.

On June 3rd a field meeting of combine owners and operators was held on the E. E. Higgins' farm in the Spring Valley section of the County where a combine was in operation. Twenty farmers attended this meeting at which Mr. J. D. Elickle, Assistant Agricultural Extension Engineer of State College was present and gave valuable instructions on the care, operation and maintenance of combines and other harvesting machinery. This was a very timely and valuable meeting - being held at the beginning of the harvest season when the combine owners were preparing to start their machines on the job of harvesting the small grain crop. The farmers showed their interest by asking many questions about problems which had given them trouble, and Mr.

## VANCE COUNTY

Elieble did credit to the Extension Service in his ability to recommend a solution to their problems.

Numbers of farmers have been assisted in their farm building plans by furnishing them plans by the Extension Service and by personal service in assisting them in reading the plans and constructing the structure. These have consisted of dairy and cattle barns, poultry houses, farrowing pens and calf feeders for swine principally.

### FORESTRY

The County Agent personally instructed and assisted eight farmers in timber stand improvement by thinnings in their young growing timber. Total acres thinned by these farmers was twenty-four and one half. Quite a number of farmers in the County thin their woodlands rather than follow the old method of cutting the wood as they come to it, as a result of years of hammering away at them on this subject and as a result of numerous field demonstrations which have been put on to teach them this work. One such field demonstration was conducted this year on the farm of Mr. W. F. Hope of the Williamsboro community where seventeen farmers attended, and one on the farm on Mr. M. E. Garrett, near Henderson with seven present. Mr. E. W. Graeber, Extension Forester of State College was present and assisted with these demonstrations. The enclosed report on the Hope demonstration shows benefits derived from thinning in addition to the growing trees left on the woodlot.

With the demand for lumber strong as a result of the war construction program many farmers are selling their timber to sawmills for immediate harvest. The County Agent has advised farmers against the wasteful cutting of small timber, and has also urged the farmers to make every effort possible to determine the approximate amount of timber which they have in their timber stands before selling it, in order that they might receive proper compensation for the timber which they have nursed and saved and waited for the harvest of for so many years. In this connection the County Agent visited the timber stands of eight farmers and gave them instructions in determining the volume of standing timber. It is estimated that these men had about 4,000,000 feet of lumber that they were offering for sale, but the offers received had not indicated that they would be paid for near so much if taken on the buyers own estimates.

W. W. White of Drewry purchased four thousand Leblolly pine seedlings in March to replant an area of seedlings set out the year before but which met with adverse seasons that caused most of them to die.

**COOPERATIVE EXTENSION WORK**  
**IN**  
**AGRICULTURE AND HOME ECONOMICS**  
**STATE OF NORTH CAROLINA**

NORTH CAROLINA STATE COLLEGE OF  
 AGRICULTURE AND MECHANICS  
 NORTH CAROLINA COUNTIES AND  
 UNITED STATES DEPARTMENT OF  
 AGRICULTURE

Extension Service

STATE COLLEGE STATION, RALEIGH, N. C.

**REPORT 1948**

**FARM FOREST MANAGEMENT**

**DEMONSTRATION:** Thinning Shortleaf pines.

**COUNTY:** Vance

**COOPERATION:** J. W. Sanders, County Agent,  
 Henderson, N. C.

-----

**Owner of Timbers:** W. P. Hope, Route 5, Henderson, N. C.

**Soil Type:** Appling sandy loam.

**Purpose of Demonstration:** To show improved methods of growing and utilizing a timber crop.

**Area in Demonstration Plot:**  $\frac{1}{2}$  acre.

**Data on Demonstration:** (Figures given on a per acre basis)

Age of timber - years - - - - -	33
Volume of wood cut - cords - - - - -	10
Number of trees after thinning - - - - -	732
Average D.B.H.* of standing trees - inches - - - - -	6.6
Average height of standing trees - feet - - - - -	42.5
Volume of trees standing - cords - - - - -	43.8
Total growth for 33 year period - cords - - - - -	53.8
Average yearly growth from seed to present - cords - - - - -	1.63

**Mr. Hope Reports** - Cost of harvest, 4 ft. lengths, \$1.00 per cord. Value of wood at farm = \$3.00 per cord. Net value of stumpage cut \$2.00 per cord. Tax value of land = \$20.00 per acre. Tax rate (1942) 80¢ per hundred. Annual tax per acre = 16¢.

**The Harvest** = 10 cords per acre = was sufficient to pay taxes (average of (1942) for life of timber (33 years) = \$5.28 = and leave a cash dividend of \$14.72 per acre.

**The Standing Crop** = 732 trees per acre, averaging 6.6 inches D.B.H. and a height of 42.5 feet, scale a total of 43.8 cords per acre. This added to the thinning harvest and calculated at the same value per cord after deducting cost of harvest and taxes, gives a net annual return of \$3.10 per acre, or 15.5 per cent on land valued at \$20.00 per acre.

**Labor Income** = from harvest = \$10.00 per acre.

\*D.B.H. = Diameter Breast High  
 Data collected and analyzed by  
 W. J. Barkor, Forestry Extension Specialist

R. W. Greater  
 Forestry Extension Specialist  
 In Charge, Forestry Extension Work

12-a



## VANCE COUNTY

### SWINE

In order to promote the development of pure bred swine in Vance County the Civic Clubs of Henderson were asked to purchase registered gilts to start this work. The response was funds for the purchase of three registered gilts from the Kinnis Club and three gilts from Estary Club. The six gilts were to be used as prizes in the 4-H club Essay Contest which was to be conducted during April.

The Essay Contest was open to all 4-H boys. The subject was, "How I Would Manage a Pure Bred Gilt" and the essays were not to be over 500 words in length. The basis for judging the essays were 75% on information and 25% on neatness. The essay is to count 60 points in determining the winners of the pigs. The remaining 60 points were to be determined with the winners of the essay contest upon a visit to the farm by the Assistant County Agent in conference with member's father. Practices were to be agreed upon that would make the project a success.

The winners in the Essay Contest were Billie Barnes, Ronald Smith, James King, W. E. Moss, Jr., Churchwell Curtis and Elmore Curran. The announced visit to their farms resulted in the cooperation of the club member and his father in doing the following necessary practices:

1. Provide adequate temporary pasture growing continuous grazing crops to our ability. During 1942 at least 2 acre of pasture will be provided.
2. In order to develop a desirable size gilt we agree to provide supplemental protein feed as outlined in the 4-H Pig Manual.
3. To provide worm control for the growing gilt we agree to place her on land that has been plowed this spring or to avoid using old pens or lots. We agree to follow the methods outlined in the 4-H Pig Manual for worm control.
4. To save labor, provide adequate and economical feeding, we agree to construct a self-feeder using the plans of the N. C. Agricultural Extension Service.

VANCE COUNTY

5. We agree to following the breeding plans approved by the Extension Agents.
6. In order to provide comfort for the gilt, to save feed, and to raise more pigs a hog house will be provided which will meet the requirements of the Extension Agents.
7. The club member agrees to keep an accurate record of all income and expense of the project and to have the 4-H Record Book available for study of the Extension Agents at all times.
8. We agree to cooperate with the Poland China Record Association in keeping swine registered and in furnishing registration papers for animals offered for sale.
9. We agree to cooperate in all contests, exhibits, and fairs when called upon by the Extension Agents when the plans advanced under this section of this agreement meet with the approval of a majority of the members of this swine improvement plan.
10. In order to assist other 4-H club members in owning pure-bred registered swine we agree to cooperate with the plan of our sponsors (The Kiwanis and Rotary Clubs) to make available to the Extension Agents 1 gilt from the first litter and 1 gilt from the second litter to be distributed in future contests.

Note: In the event the gilt is a non-breeder we agree to refund to the sponsors the amount invested in the gilt by the sponsors so that another gilt may be purchased to continue the swine improvement project.

---

Signature of 4-H Member

---

Signature of Parent of Member

The boys constructed their pens, and were ready for the six registered Poland China gilts when they were received on June 23rd.

## VANCE COUNTY

Mr. E. V. Vestal, Extension Swine Specialist of N. C. State College, assisted in the selection of the gilts from a breeder, Mr. E. G. Leonard, Waverlyville, N. C. The boys were pleased with their pigs from the start of the project.

The interest this contact created caused other 4-H boys to purchase registered gilts - H. P. Edwards, Nelson Dickerson, Brooks Harris, Marvin Broadlove, Glenn Broadlove purchased registered Poland China pigs. Also Herbert Hays purchased a Spotted Poland China gilt.

This group of boys have learned the value of feeding swine a balanced ration. The feed dealers report that many farmers have purchased protein supplement to balance their hog ration as a result of reports of gains made by 4-H club boys.

This group of boys have constructed trough self feeders, water troughs, small self feeders, colony hog houses, fences, crates for moving grown animals from place to place, and feed racks. This experience has created interest in 4-H club work among all members as well as to assist in addition of new members.

A 4-H club tour visiting the members who had purchased registered pigs was conducted on September 2. This proved to be very valuable since each boy had an opportunity to compare his pig and equipment with all the others of the group. There was a decided improvement especially in the rate of gain since the visit. Mr. E. V. Vestal, Extension Swine Specialist, assisted in conducting this tour and this method of instruction gave Mr. Vestal necessary opportunity to instruct members in the "Big Five" in Swine feeding. The "Big Five" are adequate grain supply, protein supplement, minerals, water and green feed. The boys remembered this as several of the gilts have doubled their weight in the last ninety days.

A show has been planned for December 8th, 1942 so that all boys with registered pigs will have another opportunity to see all the pigs, to compete for prizes, and let the public see what has been done. Instruction in preparation for the showing of the animals created additional interest. This show is expected to create new interest in the next Essay Contest since winners will want pigs from the winning gilts.

The show, held in Farmers Tobacco Warehouse, climaxed the gilt project as breeding season is approaching. The exhibition was attended by three hundred people from all parts of the county. The entries, winners, and prizes were as follows:

VANCE COUNTY

1. W. H. Hess, Jr. - First Prize gilt - Registered Guernsey Heifer Calf, awarded by Wakefield Farms.
2. Churchwell Curtis - Second Prize gilt - \$25.00 Defense Bond, awarded by Citizens Bank & Trust Co.
3. Ronald Smith - Third Prize gilt - \$10.00 Defense Stamp, awarded by Alex S. Watkins.
4. H. F. Edwards, Jr. - Fourth Prize gilt - 100 pound bag of FOL, 34% Hog Ration, awarded by J. M. Baity Grocery.
5. Elmore Curran - Fifth Prize Gilt - 100 pounds Hog Ration, awarded by H. B. Newman.
6. Brooks Harris - Sixth Prize gilt - 100 pounds Hog Ration, awarded by Henderson Hatchery.

Other club members entering the show with gilts were James King, Billie Barnes, Glenn Breedlove, Marvin Breedlove, Jr. and Herbert Hope.

The judges were W. C. Boyce, County Agent of Franklin County and E. V. Vestal, Extension Swine Specialist of State College. These gilts according to the opinion of the judges were good enough to be entered in any of the state fairs in the South and stand a good chance of winning. The weights ranged from 220 to 292 pounds for the six winners in the show.

The six boys with the gilts from the Civic Clubs will furnish the prizes in the next Essay Contest. They were given with the understanding that one gilt from the first litter and one gilt from the second litter would be made available to other club boys. The boys are now realizing that they will make a contribution to 4-H club work. Also they have a good chance of profit as the contest are creating a demand for high quality registered swine. AD

The swine program conducted with the first group to purchase registered pigs has resulted in a larger group purchasing in a sale held in Henderson on November 15th. At the sale five 4-H club members purchased foundation stock and eight farmers made purchases. Since that time two more gilts have been purchased of the Poland China breed and one registered O. I. C. bear. A Spotted Poland China bear has been ordered since the sale. Thus the demand is growing for better swine.

VANCE COUNTY

The purchases have been from Walter Kirby, Lenoir, N. C. during the fall sale of Poland China. The O. I. C. was purchased from C. F. McIntyre, Battleboro, N. C. Spotted Poland China from C. L. Ballance, St. Paul, N. C. The County Extension workers have been assisted in the selection of the animals by H. V. Vestal, Extension Swine Specialist of State College.

During 1942 22 registered swine have been placed in the County. The necessary supervision is being provided the owners to grow out promising animals with a reasonable amount of cooperation from the owners.

## VANCE COUNTY

### DAIRYING

During 1942 approximately seventy farmers have produced surplus milk for delivery to milk routes. The war effort stimulated much of this production along with the efforts of the Extension Agents to find a market for surplus milk. This is also the result of several years work of Extension Agents to influence farmers to produce more feed and carry more dairy cows on the farm.

Surplus milk began to accumulate on ten farms in the eastern part of the County early in the year. The County Agent was in frequent contact with Pine State Creamery Co., Raleigh, N. C. in an effort to establish a new milk route to save the surplus milk. It was thought that Pine State Creamery Co. should operate the new route as there has been a short milk route established in the southern part of the County in 1941. The delay of the Pine State Creamery Co. necessitated the County Agent calling the attention of the situation to Mr. O. F. McCrary, District Agent of Extension Service. There followed a meeting in Henderson on March 27th which was attended by Mr. O. F. McCrary, John F. Brown, Field Representative of Coble Dairy Products Co. of Lexington, N. C. A committee of three interested producers attended the meeting as well as County Agents from Warren and Franklin Counties. During the meeting plans were made for an inspection trip to Walnut Cove, N. C. on April 2nd. Sixteen farmers from Vance County made the trip along with a similar sized group from Warren and Franklin Counties. On this trip farmers and Agents had an opportunity to observe the operation of a milk receiving station operated by Coble as well as to inspect a few small dairies operated by farmers who are using simple equipment and delivering milk on the routes. The group decided that it would be impossible to deliver milk to Yanceyville where Coble was constructing another receiving station to be ready for operation in mid summer. However, this fact was not made known to the Pine State Creamery Co. Immediately the Pine State Creamery Co. was ready to start the route. Ten producers delivered forty-two gallons on April 15, when Julius T. Adcock first started trucking the milk to Henderson - a total distance of thirteen miles for the beginning. The volume increased steadily until one hundred and ten gallons was being collected in June. Much perseverance was required on the part of the Extension Agents to get this milk route going and to keep it going satisfactorily. The Assistant County Agent was assigned the immediate task of majoring on this project in addition to his 4-H club work. With the successful start of this route attention was then directed also to extension of this and another route in the County which had been operating for about a year, and particularly to

#### VANCE COUNTY

the establishment of a new route in the western part of the County where some preliminary work had been done last year, looking to the establishment of a milk route. Extensions were made on the two existing routes and the new route was started in the western part of the County on July 19th with Mr. W. P. Kope, a farmer of the Williamsboro section of the County operating the milk truck. A total of seventy farmers in Vance County have been delivering milk to the milk trucks at one time or another during this period. Sixteen of these producers have submitted reports to the County Agent's office showing that they have delivered a total of 140,700 lbs. or 17,480 gallons of milk for a total of \$3236.63 net or 18.6 cents per gallon. One of the greatest problems which we have at the present time is to convince farmers that they can produce milk and sell it for this price and continue in the business. However, it is confidently expected that with the coming of next Spring the quantity of milk and the number of producers delivering milk to the trucks will be increased considerably. There is a great deal of surplus milk being produced in the County at present that is not being sold on the routes. Many farmers are producing butter and selling it to their customers in the neighboring towns. At the time the milk route was started the trucks had to haul the milk to the Pine State's main plant in Raleigh before it could be cooled, but in June the Creamery Company completed the construction of a receiving plant in Oxford and this reduced the distance for hauling considerably and has helped a great deal in reducing the amount of sour milk turned back to the farmers. Shortly after the opening of this receiving station the Pine State Creamery Co. held a field meeting at the plant and invited all the patrons and others who were interested in the expansion of dairying in the area. The County Agents attended this meeting and observed quite a number of Vance County farmers present.

With the increased interest in milk production the matter of improvement in the County's dairy cattle has been given attention and the Assistant County Agent personally assisted three farmers in the purchasing of purebred Guernsey bulls as follows: F. H. Spain, Middleburg, C. A. Matthews, Watkins, C. C. Tunstall, Cokesbury. Some assistance has also been given to a number of farmers in locating and purchasing milk cows.

## VANCE COUNTY

### BEEF CATTLE

The small size of farms and the consequent lack of adequate grazing lands precludes the possibility of any large scale expansion in beef production in the County, but quite a lot of interest is manifest among a large number of farmers for a few beef animals as a side line. There are ten farmers in the County with from ten to fifty head of beef cattle, mostly Herefords. This fall the County Agents with the assistance of the Animal Husbandry specialists succeeded in placing pure bred bulls of good breeding and type with Mr. C. W. Grissam of Kittrell who has a herd of about fifty animals, and with Mr. W. J. Alton of Henderson who has a herd of about thirty animals. It is thought that the animals placed are outstanding and that they will be valuable assets to the herds in which they were placed.

### POULTRY

Poultry production in the County for this year has been expanded considerably. The Extension Agents have stressed the need for increased poultry production to supplement the meat supply and to provide much needed eggs for food. The Henderson Hatchery which was established here about four years ago has provided a market for hatching eggs and has been instrumental in providing good quality chicks for the farmer trade. The Extension Agents and four poultrymen from the County attended the District Poultry Short Course at Roxboro on February 26th where the importance of poultry production in the war effort was the theme, and in connection with which an egg show was held. Three exhibits of eggs were taken by poultrymen from Vance County. There were 128 entries in the egg show. Mr. H. W. Glover of Vance County won first place on his entry of white eggs in the show. The County Agent did quite a bit of work on control of diseases and parasites of poultry, and on houses and equipment during the year.



## VANCE COUNTY

### FARM MANAGEMENT

On February 23rd a farm management school was conducted by the County Agent at the Public Library in Henderson with Mr. H. B. James, Extension Farm Management Specialist of State College leading the discussion. Twelve farmers attended this school and four of the group agreed to keep farm management records in the Extension Services' Farm Management Record book. On March 10th and 11th Mr. James paid another visit to the County and visited these demonstrators at their homes with the County Agent and Assistant Agent and instructed them in the manner of keeping the records. At the same time the general farm layout was gone over by the Extension Agents and the farmer and suggestions were made for improvements in the management of the farm where practical and necessary changes were possible. The following men are carrying on the farm management demonstrations; R. D. Dushan, Henderson Township, L. J. Cayton, Sandy Creek, Geo. M. Harris, Townsville, and W. C. Bobbitt, Kirtrell. Mr. Bobbitt is a Federal Land Bank client, and his demonstration is a joint one with the Federal Land Bank in which a complete demonstration in farm management and crop rotation is being conducted.

### MARKETING AND DISTRIBUTION

Most of the direct work done on marketing problems by the Extension Agents has been done in connection with the establishment of milk routes to provide a market for the farmers' surplus milk. This project has been explained under the head of dairying. The County Agents kept in touch with the egg market situation and investigated the matter of a collection agency for eggs to tie in with the Farmers Exchange in Durham but local establishments provided a market at all times during the year that paid as good as or better prices than could be had by selling to the Exchange.

Two tobacco grading demonstrations were arranged and held on August 28th with Mr. W. L. Bradsher of the Bureau of Agricultural Economics leading the discussion. These meetings were held at Harris' Cross Roads and at Williamsboro with a total of forty-four farmers attending. These demonstrations were valuable and timely - coming at the beginning of the tobacco marketing season and soon after the designation of all of the markets in this area to receive free and mandatory tobacco grading as soon as the service can be arranged for.

### BOOKKEEPING

There are a number of farmers in the County who have been keeping

## VANCE COUNTY

in touch with the members and gave them assistance with their bee problems. The rationing of sugar gave the honey crop an added importance and much interest was manifested in beekeeping throughout the season. It was observed, however, that the honey flow in this section was not particularly good this year. Very little honey was gathered by the bees during the late Summer and Fall. Seven beekeepers were assisted in requeening their colonies during the Summer.

### INSECTS AND PLANT PATHOLOGY

On February 19th Messrs. J. O. Howell, Extension Entomologist and E. E. Garris, Extension Pathologist gave an illustrated lecture on garden insects and diseases at a meeting attended by neighborhood leaders and members of the Agricultural Workers' Council and others. The meeting was attended by 100 people. Neighborhood leaders were especially urged to attend the meeting in order that they could assist in disseminating the information on insect and disease control in their contacts with rural families in connection with the Victory Garden campaign. The County Agent purchased the U. S. Department of Agriculture film strip on garden insects and presented it to members of the Grange at one of their meetings in the Spring of the year. The Assistant County Agent also presented it to 4-H club members at their meetings.

### NUTRITION AND HEALTH

In the fall of 1941 when <sup>it</sup> became apparent that the United States would be called upon to furnish unexpected large quantities of food to the fighting allies Vance County along with all the other Agricultural Counties was given a goal in various crops and livestock to produce in 1942. The principal purpose of this goal locally was to get the farmers of the County to produce enough food products to take care of their own needs, - not just enough to get by with, but sufficient to grow the livestock out to larger sizes, to feed their poultry and dairy cows so as to obtain greater production of eggs and dairy products, and to take care of human needs so as to make the bodies and constitutions of our people stronger. From the day that these goals were announced for Vance County the Extension Agents took up the job to do all that they could to get the County to reach and surpass the goal. Some work was done by AAA Committeemen who secured farmers' pledges to carry out these goals, but chief reliance for actually seeing that the goals were

#### VANCE COUNTY

achieved was placed in the hands of neighborhood leaders, who working with the Extension Agents of the County made personal contacts with the rural families and urged upon them the importance of producing food for freedom. The Extension Agents themselves devoted a large proportion of their time to this program, and while there is no definite means of checking on the results obtained it is confidently believed that the goal was achieved and surpassed on every item for the County with the exception of peanuts, and this item was not undertaken due to its being assigned late and the farmers of the County had not had any experience in the growing of peanuts, nor did they have the equipment for growing them. Peanuts was added to the County's goal after the loss of the East Indies became apparent, and the goal on soybeans was increased at that time. Also the soybean goal was far overplanted but some difficulty was experienced in getting all of the crop harvested.

## VANCE COUNTY

### 4-H CLUB WORK

#### ORGANIZATION

There are seven boys' and girls' 4-H clubs organized and in operation in Vance County as of December 1, 1942. Five of these clubs are located in consolidated school communities of Aycock, Dabney, Middleburg, Townsville and Zeb Vance. One Junior 4-H club is located in the Drevary Community on the Vance-Warren county line with a majority of the members living in Warren County. One club is located in the Spring Valley Community just north of Henderson and meetings are held in a rural church.

The membership totals 196 boys in all clubs. The membership is distributed as follows: Aycock - 18, Dabney - 80, Middleburg - 22, Townsville - 44, Zeb Vance - 24, Drevary - 12 and Spring Valley - 11.

Each club holds a joint meeting monthly and attendance is as perfect as school attendance for this age group. The joint meetings of boys and girls give the members an opportunity to learn to preside over meetings and be a member of a group operated according to known rules of parliamentary procedure. During the Spring school term the meetings for project instruction were held jointly for both elementary and high school boy members. The Assistant County Agent found this to be the situation and did not think it advisable to change the plan of meeting so late in the school year. However, when school opened in September the high school members were given project instruction separate from Elementary School members. The 7th grade ends the Junior group. There are Junior and Senior project groups in the same 4-H club in five consolidated rural high schools. Each 4-H member receives organized instruction once a month during school session on his 4-H project. The quality of 4-H projects work can be improved by holding small neighborhood meetings during the summer with the assistance of local leaders.

The following is submitted as a sample joint program meeting as was conducted in November, 1942.

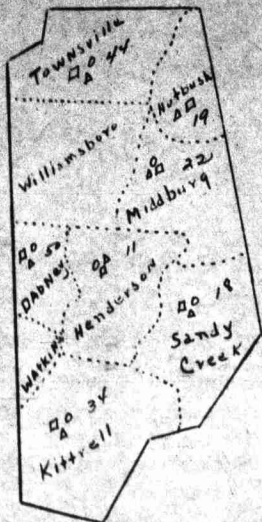
VANCE COUNTY

PROGRAM FOR 4-H CLUBS FOR NOVEMBER, 1942

President of Club Presiding

1. Call to order
2. "America" led by Song Leader \_\_\_\_\_
3. Pledge of Allegiance to American Flag led by \_\_\_\_\_  
4-H Club Pledge led by \_\_\_\_\_  
boy or girl  
boy or girl
4. Minutes of last meeting - by Secretary. Approval of minutes by club.
5. Purpose of 4-H Mobilization Achievement Program - by Bill M. Smith, Assistant County Agent and 4-H Club Leader.
6. A. Recognition of Principals for their cooperation and support of the 4-H club meeting and projects by President of club \_\_\_\_\_  
B. Recognition of teachers who have made a contribution to 4-H club programs by President \_\_\_\_\_ (Call teacher or teachers name)  
C. Recognition of local leaders by President \_\_\_\_\_ (Call name or names, whether present or not)
7. Summary of Victory reports for \_\_\_\_\_ club and county -  
Girls \_\_\_\_\_ Miss Wilson \_\_\_\_\_ Boys \_\_\_\_\_ Mr. Smith \_\_\_\_\_
8. Presentation of Victory Certificates by Principal of School. (Method Principal thinks most effective.)
9. Recognition of former 4-H club members who are now in the Armed Services of the Country by \_\_\_\_\_ (Club officers prepare this part of the program.)
10. A message to 4-H members from Secretary of Agriculture - Claude R. Wickard by Vice-President of the club.
11. Announcements - Local leader or teacher leader discuss plan for collecting scrap iron to raise funds to donate to National Committee for purchase of 4-H Ambulance.
12. Other announcements - Date of next meeting.
13. Adjournment

# VANCE COUNTY



- O - Senior Boys' clubs
- A - Junior Boys' clubs
- - Joint Clubs

## YANCE COUNTY

The 4-H club members' farm practices, well planned and thoroughly done have had a desirable influence on the boys and public in general. A good example is found on the farm of P. J. Smith, Lobbie Community. Mr. Smith is following his son Ronald Smith, 4-H club member, in the feeding, housing, breeding, and use of self feeder in his swine production program. The same type example can be found on a few other farms where a good 4-H club job had been done in swine production. Definitely the present swine feeding program now getting under way can be traced to the 4-H feeding practices of twelve 4-H club members who raised registered pigs since late Spring.

### 4-H COUNTY COUNCIL

The County Council is an organization composed of all the officers of the 4-H clubs. The primary purpose of this organization is to develop leadership and to coordinate the activities of all the clubs.

The Council, during a meeting in March, planned the following 4-H activities.

- a. The 4-H Mobilization Week - April 8-12.
- b. Observance of 4-H Club Sunday in the Sunday Schools and churches.
- c. The county wide recreational meeting at Middleburg for 4-H members.
- d. The 4-H Achievement Day to be held in June discussed.
- e. Temporary or tentative plans for the 4-H camp. 57

During the fall the Council has not held enough meetings due to the tire and gasoline situation. It is doubtful if this has been in the best interest of the purposes of the Council. It is very probable that there would have been a majority of twenty-eight members present to carry forward the work.

### CAMP

The annual 4-H club camp was held at Camp Millstone from July 14-18. Twenty-seven boys, thirty-one girls, and eight local leaders attended. Each 4-H club in the county was represented.

## VANCE COUNTY

The cost per member was \$6.00 which paid all necessary expenses. The transportation was provided by a Mr. Burton of Virginia whose school bus has been used on several trips by Vance 4-H club members. The big problem was the transportation of the supplies and baggage of the club members. This was finally arranged by the Assistant County Agent driving a rented pick-up truck.

Assisting in camp instruction were the following: Mr. L. E. Merrill, State 4-H leader, who was in charge of the evening recreational program. Mr. Lewis Cannon, Camp Director, taught first aid each morning. John D. Mickle, Assistant Agricultural Engineer, taught the boys and girls a few principles of handicraft. Each club member made clip boards to be used in writing; the emblem of 4-H was painted thereon by the clubbers. A course of special interest to the boys was swine production with demonstrations in making the trough and self feeder as taught by Mr. Ellis V. Verbal, Extension Swine Specialist. Nellie M. Smith, Assistant County Agent, gave demonstrations in seed identification contests. The instruction in swimming was taught and supervised by Vermon Jeter, Duke University Medical student. The management and discipline of the campers was under the supervision of Mrs. Mattie F. Plummer, Vance County Home Demonstration Agent and Mr. Lewis Cannon, Camp Director.

On the last night in camp, Friday night, a planned banquet was arranged with decorations which carried out the 4-H theme and appropriate patriotism. The main part of the program was an explanation of the work of the General Assembly of North Carolina and an explanation of how a law is enacted by Mr. W. W. White, Local Leader of Brewery 4-H club and former State Senator. Certificates were awarded to Frank Harris in handicraft, Eugene Backett in first aid, and Walter Backett in swimming. To climax the last day and night an impressive open air candle lighting ceremony was executed with all present taking part under the leadership of Marjorie Plum and Billie Barnes.

The camp can be improved next year by not permitting anyone except regular 4-H club members to attend. There must not be any exceptions to this principle. The attendance of youth or older youth causes confusion in 4-H ranks.

### ACHIEVEMENT DAY PROGRAM

The 4-H Federation Day held in Middleburg on June 24 was attended by one hundred and fifty persons. The program consisted of singing 4-H songs led by Miss Ruth Current, State Home Demonstration Agent. Having



## VANCE COUNTY

pictures, "Home Place" and "4-H World Wide Organization", were shown by John Fox, Assistant Agricultural Editor. An inspirational address by Miss Ruth Current was a feature of the day. Twenty-seven club boys competed in seed identification and judging contest for seven prizes donated by the merchants of Henderson. Every boy who participated in the judging received a 4-H Bronze Medal awarded by J. W. Sanders from funds won as a prize in the State Fair. The group enjoyed a picnic during the noon hour. The boys played baseball in the afternoon.

Seven Achievement Day programs were held in the clubs in November to present the Victory Certificates as a climax to the club members war efforts for the year. One hundred and eighty-five certificates were presented to the boys during the meeting with approximately ten more to be presented later. The number received by each club was as follows: Aycock - 26, Dabney - 56, Drury - 19, Middleburg - 36, Spring Valley - 2, Townsville - 25 and Tob Vance - 25.

During the program results accomplished in connection with the war effort were presented as follows:

1. The entire membership indicated that they had worked extra hours on the farm since the outbreak of the war and thus had made a labor contribution to the war effort.
2. The boys reported that they had collected 67,614 pounds of scrap metal.
3. The boys had collected 9,484 pounds of paper and burlap.
4. 15,274 pounds of rubber collected by the boys during the campaigns.
5. Through the week ending October 10th, \$1,599.90 in War Bonds and stamps were owned by 4-H club boys. Since that date purchases have doubled this figure as there have been Bond and Stamp sales held in the schools.
6. One hundred and four boys have repaired farm machinery.
7. Twenty-six boys have had courses in first aid.
8. One hundred and ninety-eight cooperated in some phase of local defense.

## VANCE COUNTY

### RECREATION ACTIVITIES

A vital part of the instruction given at camp was training in recreational activities led by L. R. Harrill, State 4-H Leader. Members were taught the Virginia Reel, relays, simple games, horse shoe pitching, swimming and group singing. Several baseball games were played.

A group of 64 boys and girls participated in a Victory Day Parade in Henderson on July 6th. The club members were led by a tall boy and girl carrying a 4-H banner. Each member wore arm bands. The boys carried hoes while the girls carried a jar of canned vegetables, thus indicating the part each would do in winning the war. The club members taking part in the parade stated that they enjoyed the whole day.

There is a definite need for more organized recreation in the 4-H clubs.

### SHOWS OR FAIRS

A showing of the registered Poland China Swine is planned for early December. Eleven gilts and two males are expected in this show. Prizes secured so far are as follows:

- 1st. Prize: One Registered Guernsey Heifer - awarded by Wakefield Farm, owned by Mr. John Sprunt Hill, Durham, N. C.
- 2nd. Prize: \$25.00 Defense Bond - awarded by Citizens Bank & Trust Co., Henderson, N. C.
- 3rd. Prize: \$10.00 in Defense Stamps - awarded by Alex S. Watkins, Henderson, N. C.
- 4th. Prize: 100 Pound Bag of FOX Hog Ration - awarded by J. M. Baily Grocery, Henderson, N. C.
- 5th. Prize: 100 Pound Bag of Hog Ration - awarded by H. E. Newman, Henderson, N. C.
- 6th. Prize: 100 Pound Bag of Hog Ration - awarded by Henderson Hatchery, Henderson, N. C.

## VANCE COUNTY

### SPECIAL PROGRAMS

On May 29th, five 4-H club members gave a radio program over station W. F. T. F. on the subject, "The Importance of Food in Winning the War". C. G. Williams, Jr. of the Aycock club was the key number of the group.

On October 3rd, another program was presented over W. F. T. F. radio station in Raleigh. W. H. Moss, Jr. of Lob Vance club told how he had raised a registered Poland China gilt that he won in an essay contest. These radio talks are considered and are a special honor to the 4-H members.

In November a panel discussion type of program was presented to the Elwanis club by James King, W. H. Moss, Jr., Elmore Curran, Ronald Smith, Millie Barnes and Charleswell Curtis on the subject "How We Have Managed the Registered Swine We Won in the Essay Contest Last Spring!" The boys convinced the Elwanis club that they had learned a few practices in swine production in their 4-H club work.

## VANCE COUNTY

### PROJECTS

One hundred and thirty-two club members carried a food production project in 1942 as a part of the 4-H project work. Club members report the value of this food production to be \$12,042.88. This is an average of \$98.00 per project. Records indicate the production of eighty-one dairy calves, two hundred and nine pigs, three thousand and seventy poultry, thirty-one baby beef or veal calves and two other meat animals; thirty acres planted to garden, eighty-eight acres of corn, thirty-four acres of soybeans and twenty-two acres of other feed or food crops.

To improve 4-H club work in 1943 the following recommendations are made:

1. More time and emphasis will be given to instruction on keeping and using records in 4-H club work.
2. More training and use of the County Council in the planning and performance of the activities of the club.
3. Organize an active, and adequate number of local leaders and neighborhood leaders to assist in the program, especially with projects and records.
4. Conduct a County 4-H Achievement Day in late October or early November. Plan for this day in all project activities during the year - including securing prizes.
5. Parents and the public must be better informed of club activities.
6. More organized recreational in reach of more members on a Neighborhood level.
7. General improvement in the health program of the 4-H member by added importance to health habits of the member.