

COOPERATIVE EXTENSION SERVICE WORK
IN
AGRICULTURE AND HOME ECONOMICS

Virginia Polytechnic Institute &
U. S. Department of Agriculture,
Cooperating

EXTENSION SERVICE
County Agent Work

PLAN OF WORK

COUNTY CAROLINE

YEAR 1956

J. M. Johnson
Name J. M. Johnson
Local Farm Agent

Date Mailed December 28, 1956

COUNTY SITUATION

Caroline County lies in Northern Virginia. U. S. Highway Number 1 divides the County into two regions, west of the highway is Northern Virginia Piedmont, while east of the highway is Eastern Virginia. U. S. Highway 301 bisects the County north and south. These two highways along with U. S. 17 and the R.F. and P. Railroad provide easy transportation of our produce to Richmond, Fredericksburg, Washington, Baltimore and other market channels.

The major soil types in the County are: Kempsville, Atlée, Rumford Fine Sandy Loam and Caroline Fine Sandy Loam.

The major crops are: Corn, Tobacco, Small Grains, Hay, and Truck Crops.

The major livestock are : Hogs, Dairy Cattle, and Poultry.

These varied soil types and the climate lend to the general farming type.

Such County industries as railroading, lumbering, canneries, brining plants and storage houses offer employment as well as markets for farm products.

II. COUNTY POPULATION

No. families in County-----	447
No. owners in County-----	400
No. Cash tenants-----	18
No. Sharecroppers-----	29

III. Organizations

No. members in County Advisory Board---	30	(Men 20, Women 10)
No. Community Clubs-----	3	
No. Families in Clubs-----	200	
No. of Leaders-----	120	(Men 70, Women 50)
No. 4-H Clubs-----	8	
No. Members in Clubs-----	265	
No. County Council Members-----	40	

IV. Problems in County

1. Acid soils low in fertility
2. Low crop yields per acre
3. Too few well established permanent pastures

4. Poor quality livestock and poultry
5. Too few livestock and poultry on the farms.
6. Poor forestry management.
7. Low farm income.
8. Too few families with water under pressure.
9. Too few well planned house surroundings.
10. Too few acres of permanent hay.

DEMONSTRATIONS

Corn Hybrids

Goals: Demonstrations-----4
Objective: To increase the average yield per acre on all farms
Set up one demonstration in each community, near highway as possible. Planting early and applying about 800 pounds of complete fertilizer and 100 pounds of nitrogen, cultivation shallow.

Educational Activities: Use road signs, discuss demonstrations in community meetings, hold meetings in August at the demonstrations, tours and news articles in the County paper. Have 100 Bushel Corn Club, circular letters and bulletins.

WHEAT

Goals: Demonstrations----- 4
Objectives: To increase the average yield per acre on all farms.
Methods: Set up these demonstrations in the wheat producing areas, using certified seed, applying about 600 pounds of complete fertilizer and 40 pounds of nitrogen, stress preparation of firm seed bed.

Educational Activities: Discuss the demonstrations in community meetings, hold tours and field meetings in May and news stories in the local paper, circular letters and bulletins.

COVER CROPS

Goals: Demonstrations----- 4
Objectives: To get more farmers to use cover crops as a soil improvement practice.
Methods: Set up these demonstrations in each community on fields from which crops have been harvested, using mixtures of rye and clover, applying 300 pounds of 0-12-12 fertilizer.

Educational Activities: Discuss the demonstrations in community meetings hold field meetings in March, and circular letters.

ALFALFA

Goal: Demonstrations----- 2
Objective: To increase the tons of good quality hay on the farms. Set up these demonstrations in separate communities. Make soil test and prepare according to recommendations. Top dress existing stands with about 800 pounds of 2-12-12 with borax.
Methods:
Educational Activities: Hold discussions in meetings of families, field meetings, visit demonstrations on tours and news articles in local paper.

PASTURE

Goal: Demonstrations----- 4
Objective: To increase the number of farmers with well established permanent pastures.
Methods: Set up demonstrations in each community, seeding Ladino Clover and Orchard Grass, using 1000 pounds of 2-12-12 fertilizer and liming, also top dressing old stands with 800 pounds of 0-14-14 or 2-12-12
Educational Activities: Discuss these demonstrations in community meetings. Hold field meetings in March and September with specialists and tours, bulleting and circular letters.

Forestry

Goal: Demonstrations----- 3
Objective: To get more farmers to do selective cutting in the forest.
Methods: Set up this demonstration on the highway, mark trees to be removed each year for various uses.
Educational Activities: Hold meetings with specialist and field manager also discussions in community meetings, Use road signs, use farm and home development as one of the demonstrations.

HOGS

Goals: Demonstrations----- 2
Objective: To improve the quality of hogs found on the farms.
Methods: Set up demonstrations using registered breeding stock and sanitation practices.

Educational Activities: Hold tours and meetings at the demonstrations also news stories in local papers, visit purebred sale in January.

POULTRY

Goal: Demonstrations----- 3

Objective: To increase the size of high quality poultry flocks.
Met ods: 8 Set up these demonstrations in each community using high quality flocks, improved feeding and sanitation methods.

Educational Activities: Hold demonstration discussions in community meeting hold field meetings in April and October and tours, news articles in the County paper.

HOME WATER SYSTEMS

Goal: Demonstrations---- 2

Objective: To get water under pressure on all of the farms in the County.

Methods: Set up these demonstrations in the communities having the least number of homes with water under pressure. Make plans with the demonstrations to check materials needed and work to perform. Invite the families of the community to the demonstration to see system and aid in installation.

Educational Activities: Have discussion at meetings of families, visit demonstrations on tours, and news stories in local paper.

FARM AND HOME DEVELOPMENT WORK

NAME OF DEMONSTRATORS	GOALS
1. Mr. and Mrs Julian Woolfolk Penola, Virginia	1. Install running water 2. Remodle home, add storage 3. Increase size of poultry flock to 300 hens.
2. Mr. and Mrs. Jiles Mont Milford, Virginia	1. Complete water system by adding bath 2. Complete laying house which will allow an increase of flock to 600 hens.
3. Mr. and Mrs Webster Roye Sparat, Virginia	1. Install running water in kitchen 2. Establish Ladino Clover Pasfure for hogs.

Mr. and Mrs. J. D. Garnett
Penola, Virginia

1. Install running water in kitchen
2. Increase laying flock to 200 hens.

5. Mr. and Mrs. H. M. Thomas
Penola, Virginia

1. Construct storage for eggs
2. Increase laying flock to 25%
3. Remodel bathroom
4. Reforestration

Educational

Activities: News articles in County Paper, hold meetings with specialists with families on planning. Hold tour of all demonstrations.

Each demonstration will have special committees along with County wide communities responsible for certain phases of the program.

VII. COUNTY-WIDE ACTIVITIES:

1. County Advisory Board Meeting----- 2
2. Field meetings-----15
3. Leader Training Meetings----- 4
4. Special Interest Meetings----- 6
5. County Tours----- 1
6. County Council Meetings----- 2

VIII. SPECIALISTS NEEDED

1. Mr. Carl Holcomb-- July, Selective Cutting Demonstration
2. Mr. I. C. Peoples, Setting up breeding program for poultry flocks, March.
3. Mr. M. T. Carter, Planning Pasture Management, April.

IX. Co-Operation With Other Agencies

1. ACP- Inform farmers of services and every eligible farm to complete at least one practice.
2. Soils Conservation Service-- Inform farmers of services and get plans completed. (10)
3. Production Credit-- Secure information for farmers needing service and aid in making applications.
4. Red Cross- Co-operate in 1956 Fund Drive and aid in disaster area cases.
5. County Mobilization Committees

Calendar of Activities

January

1. Reorganizing County Advisory Board
2. Replacing in-active leaders
3. Reorganizing 4-H Clubs
4. Scoring Demonstration Community
5. Checking Small Grain Demonstrations
6. Securing materials for top dressing permanent pastures.
7. Enrolling 4-H Club Members.

February

1. Enrolling 4-H Club members and selecting projects
2. Selecting corn hybrid demonstrators
3. Reorganizing County Advisory Board, appointing projects committee.

March

1. Meeting at landscaping demonstration
2. Pasture demonstration field meeting
3. Making plans for water system demonstrations, selecting demonstrators, securing materials.
4. Field meetings at cover crop demonstration.
5. Field meeting at poultry laying demonstration.

April

1. Field meeting at small grain demonstration
2. Seeding corn hybrid demonstration
3. State Farmers Conference
4. Installing community water system demonstration
5. Selecting delegates to State 4-H Short Courses
6. Field meeting at pasture management demonstration

May

1. Have 4-H Council meeting
2. Seeding corn hybrid demonstration
3. Field meeting at alfalfa demonstration
4. Installing community water system demonstration
5. Selecting 4-H Delegates to Wild Life Camp.
6. Planning water system demonstration for farm and Home Development Demonstration.

June

1. Checking 4-H Club Crop projects
2. Checking corn hybrid demonstrations and applying nitrogen
3. Field meeting at pasture demonstration
4. Field meeting at Farm and Home Development Demonstration
5. Representing in State 4-H Short Course

JULY

1. Check 4-H Club members crop projects
2. Selecting small grain demonstrators
3. Applying nitrogen to corn hybrid demonstrations
4. Field meeting at Experiment Station
5. Field meeting at Forestry Demonstration
6. 4-H Leader Training Meeting
7. 4-H Club Picnic

AUGUST

1. Selecting small grain demonstration
2. Field meeting at Corn Hybrid Demonstrations
3. Checking 4-H Club Crop projects
4. Having County-Wide Tour
5. Securing materials for permanent hay crops
6. Checking 4-H Club livestock projects
7. 4-H Leader Training meetings
8. Annual Leave 15 days.

September

1. Securing materials for seeding permanent pasture
2. Seeding Alfalfa Demonstrations
3. Seeding winter pastures
4. Checking 4-H Club livestock projects
5. 4-H Council meeting
6. State Advisory Board Meeting.

OCTOBER

1. Checking pasture demonstration and seeding
2. Checking corn yields of 100 bushel club members
3. Seeding small grain demonstration
4. Field meeting at poultry laying flock demonstration
5. 4-H Club District Rally

NOVEMBER

1. Checking corn yields of 100 bushel club members
2. Making official annual reports
3. Seeding small grain demonstrations
4. County Advisory Board Meeting.
5. Seeding demonstration community.

DECEMBER

1. Reorganizing County Advisory Board
2. Making farm plans under A. C. P. Program
3. Selecting forestry demonstrators
4. Meeting of Agronomy committee
5. Replacing inactive leaders.
6. Making official annual reports

XI. Officer of Advisory Board

President--- Michael Wright, Woodford, Virginia
Secretary--- J. J. Washington, Bowling Green, Va.
Treasurer--- J. E. Roye, Sparta, Virginia

XII. 4-H Club Work

1. Organize Junior Council and have at least 2 meetings
2. Increase membership in County to 300 members
3. Have each member conduct at least one project

4. Have a County 4-H Club Picnic
5. Have a County 4-H Club Rally
6. Have Clubs represent in State 4-H Short Course
7. Have Clubs represent in Wild Life Camp
8. Have Club members enter 100 Bushel Corn Club and Pasture Program.