

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 1959

Name Joseph M. Johnson

Date Mailed December 21, 1958

34
72

I. 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: Kempville, Atlee, 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.

The number of rural non-farm homes is increasing.

II. County Population:

No. families in County.....447
No. owners in County.....350
No. cash tenants.....66
No. sharecroppers..... 21

III. Organizations:

No. Members in County Advisory Board..... 50 (Men, 30-Women 20)
No. Community Clubs..... 4
No. families in Clubs.....225
No. of Leaders.....195 (Men 100, Women 95)
No. 4-H Clubs..... 8
No. of Members in Clubs.....275
No. County Council Members..... 40

IV. Problems in County:

1. Acid soils too low in fertility
2. Low crop yields per acre
3. Too few well established permanent pastures
4. Poor quality livestock and poultry

5. Poor forestry management
6. Too few livestock and poultry on the farms
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

V. Demonstrations:

Corn Hybrides

Goal: Demonstrations..... 4
 Objective: To increase the average yield per acre on all farms. Set up one demonstration in each community, near to the highway as possible, planting early and applying about 500 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.

Small Grains

Goal: Demonstrations..... 3
 Objectives: To increase the average yield per acre on all farms.
 Methods: Set up these demonstrations, 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 bulletins.

Landscaping:

Goal: Demonstrations..... 2
 Objectives: To improve the appearance of the house surroundings.
 Methods: Set up one community and one house as demonstration projects using church or school.

Educational
 Activities: Discuss the demonstrations in community meetings using specialists to outline work to be done, hold tours in August and circular letters.

Pasture:

Goal: Demonstrations..... 4
Objectives: To increase the number of farmers with well established permanent pastures. Set up demonstrations in each community, seed 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, bulletins and circular letters.

Forestry:

Goal: Demonstrations..... 3
Objective: To get more farmers to do selective cutting in the forest.
Methods: Set up demonstration on the highway, mark trees to be removed each year on basis of various uses.

Educational Activities: Hold meetings with specialists and field manager. Also, discussions in community meetings. Use road signs, use farm and home development as one of the demonstrations. Have forestry tree setting 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 articles in local paper, visit pure-bred sale in January.

Poultry:

Goal: Demonstrations..... 3
Objective: To increase the size of high quality poultry flocks.
Methods: Set up these demonstrations in each community using high quality flocks, improved feeding and sanitation methods.

Educational

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

Home Water Systems:

Goal: Demonstrations..... 4
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 the system and aid in installation.

Educational

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

VI. Farm and Home Development Work

<u>Name of Demonstrators</u>	<u>Goals</u>
1. Mr. and Mrs. Julian Woolfolk Penola, Virginia	1. Install running water 2. Remodel home, add storage
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 Sparta, Virginia	1. Install running water in kitchen.
4. Mr. and Mrs. J. D. Garnett Penola, Virginia	1. Install running water in kitchen
5. Mr. and Mrs. H. M. Thomas Penola, Virginia	1. Reforestration

Educational

Activities: News articles in county paper, hold meetings with specialists with families on planning. Hold tours of all demonstrations. Each demonstration will have special committees along with County wide committees responsible for certain phases of the progress.

VII. County-Wide Activities:

1. County Advisory Board Meeting 2
2. Field Meetings.....15
3. Leader Training Meetings 6
4. Special Interest Meetings 8
5. County Tours..... 1
6. County Council Meetings. 2

VIII. Specialists Needed:

1. Mr. Carl Holcomb; November- Tree setting demonstration
2. Mr. I. C. Peoples; Setting up breeding program for poultry flocks
3. Mr. M. T. Carter; Planning pasture management- April
4. Mr. W. L. Watson; Landscaping demonstration - March
5. Dr. Vernon Watts; Sweet Potato Grading Demonstration

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.

X. Calendar of Activities:

January

1. Reorganization of County Advisory Board
2. Replacing in-active leaders
3. Reorganizing 4-H Clubs
4. Checking Small Grain Demonstrations
5. Securing materials for top dressing permanent pasture
6. Enrolling 4-H Club members

February

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

March

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

April

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

May

1. Have h-H Council meeting
2. Seeding corn Hybrid demonstration
3. Installing community water system demonstration
4. Selecting h-H delegates to Wild Life Camp
5. Planning water system demonstration for farm and home development demonstration

June

1. Checking h-H Club 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 h-H Short Course

July

1. Check h-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. h-H Leader Training Meeting
7. h-H Club Picnic

August

1. Selecting Small grain demonstration
2. Field meeting at Corn Hybrid Demonstration
3. Checking h-H Club group projects
4. Having County-Wide tour
5. Securing materials for permanent hay crops
6. Checking h-H Council livestock projects
7. h-H Leader Training meetings
8. Annual Leave 15 days

September

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

72

October

1. Checking pasture demonstration and seeding
2. Checking corn yields of 100 bushel corn 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. Pine tree setting demonstration
6. Checking County improvement

December

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

XI. Officers of Advisory Board

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

XII. 4-H Club Work

1. Organize Junior Council and have at least two 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 Wild Life Camp
7. Have Clubs represent in State 4-H Club Short Course
8. Have Club members enter 100 Bushel Corn Club and Pasture Program