

CALENDAR OF WORK

December

1. Commodity meetings for the purpose of evaluating Extension work in 1959 and making further plans for another year.
2. 4-H Clubs reorganization.

January

1. Commodity meetings
2. Artificial Breeding Association annual meeting.

February

1. Commodity meetings
2. Plan of Work 1959
3. Subject matter meetings
4. Achievement Program (4-H)
5. Demonstration on
 - a. Chickweed control in alfalfa
 - b. Alfalfa weevil control with the use of grandurel heptachlor in fertilizer.
 - c. Coach 4-H District Contestants.

March

1. Dairy Herd Improvement Association annual meeting.
2. Demonstrations on
 - a. Castratings beef calves
 - b. Dehorning " " "
 - c. Vaccinating " " for Blackleg
 - d. Seeding pasture

April

1. District Contest
2. Richmond Feeder Calf Sale

May

1. Pasture tours
2. Silage contest
3. 4-H Forestry Field Day

June

1. 4-H All Star Conference and short course
2. Dairy tour

July

1. Institute of Rural Affairs
2. 4-H Camp at Jamestown

August

1. Annual Extension Conference
2. Judging silage production contest

September

1. Demonstrations on castrating, dehorning and vaccinating beef calves.
2. Selecting calves for feeder sale.
3. Selecting fair exhibits - livestock and farm products.

October

1. Local Fair
2. Richmond Feeder Calf Sale
3. State Fair

November

1. Meetings of commodity committees
2. Annual reports.

Forestry

1. To have one 4-H Club take the A forestry project on a community basis.
2. To plant morepine seedlings.
3. To use the service of Va. Forest Service.
4. To market timber more economically.

Methods to be used:

1. Meet with forestry committee and V.P.I. Forestry specialists for planning.
2. To supervise forestry project for the Jefferson Sr. 4-H Club.
3. Through farm visits and other means of communication, point out to individuals the value of using the services of the Virginia Forest Service.
4. Through the soil bank and other government aid plant more pine seedlings.

Educational Activities:

1. Include visits to good forestry demonstrations in connection with general farm tours.
2. Have forestry exhibits at the local fair.
3. Conduct field trips for the 4-H Club members for the purpose of tree identification and forestry appreciation.

4-H Clubs:

1. Goals
 - a. Increase membership to 60 boys
 - b. Improve quality of project work
 - c. To take part in contests on the District basis
 - d. Supervise on the farm projects.
 - e. Hold annual achievement day program
 - f. Observe National 4-H Club week
 - g. Hold annual meetings of County Council
 - h. Have 4-H members attend summer camp, and the short course at V.F.I.
2. Methods to be used:
 - a. Enroll complete 4th grade into 4*-H Club.
 - b. Work with boys on individual club projects.
 - c. Coach 4-H members who will compete in District Contests.

Educational Activities:

1. Newspaper stories on outstanding project work.
2. Posters in bank and other establishments.
3. Have club members make and enter floats in seven county 4-H Parade.

3. Lack of good management on the following phases of beef cattle production:

- a. Castrating
- b. Dehorning
- c. Parasite Control
- d. Disease control
- e. Lack of abundant improved pastures, and sources of winter forages.

Methods to be used on beef cattle problems:

1. Assist cattlemen in producing calves that will qualify for the feeder sales.
2. Conduct demonstrations on castrating, dehorning, vaccinating, and parasite control in each community in the county.
3. Distribute beef cattle information to farmers and 4-H Club members.

Educational Activities:

1. Exhibit livestock at the local fair in both adult and 4-H classes.
2. Exhibit 4-H steers and heifers at the State Fair and Spring shows.

Agronomy

The agronomy committee felt that the following were the agronomy problems to be tackled in 1959:

1. The control of insects, disease and weeds on the forage crops.
2. The need for more acreage of alfalfa and improved pastures.
3. Lack of use of the soil testing service, poor soil sampling, and incorrect use of fertilizer and lime.

Methods to be used on these problems:

1. Demonstrations on
 - a. Alfalfa weevil control
 - b. Chickweed control in alfalfa
 - c. Conduct county wide silage producing contest.
2. Demonstrations on seeding alfalfa and improved pasture.
3. Encourage land owners to use the soil testing facilities, and to submit proper samples

Educational Activities

1. Agronomy tours to alfalfa and pasture fields where approved practices are being carried out.
2. News stories on outstanding agronomy accomplishments.
3. Agronomy exhibits at local fairs by farmers and 4-H members.

The methods to be used in over coming these problems are listed as:

1. Hold an analysis meeting for the members of the D.H.I.A.
2. Demonstrations and tours to dairy herds, for the purpose of showing the advantages of using the service of the Artificial Breeding program.
3. Have fitting and showing clinic for both adults and 4-H members.
4. Observe Dairy month by tours to outstanding dairies for both adult and 4-H members.

The Education activities in connection with the Extension Dairy Program are planned as follows:

1. Distribute educational dairy material to county dairymen and 4-H members.
2. Individual visits to county dairy farms and 4-H Dairy projects for the purpose of assisting with dairy problems.
3. Monthly D.H.I.A. summary sheets to be sent to all members of th association.
4. Exhibit dairy cattle in both the adult and 4-H classes at the state and local fairs.
5. Use radio, press, circular letters etc. to distribute educational information on dairying

Livestock

Second only to dairying is the livestock enterprize in Powhatan County. Most of this income is from beef cattle. Very few hogs are produced commercially and practically no sheep.

The beef cattle problems are listed as follows:

1. More calves could be marketed to better advantage through the organized feeder calf sales.
2. Too many beef cattle producers are using unregistered and inferior sires.

Powhatan County is one of the small counties in the East Central District - 270 square miles is the total area, with two-thirds of this area in woodland.

The average size of the farms is 155 acres, with a total of approximately 600 of these farms. The cash income from farm products would amount to something over one and a half million dollars.

Milk and dairy products would amount for approximately one half of this total income.

The County Extension program, roughly, revolves around the following projects:

1. Dairying
2. Livestock
 - a. beef cattle
 - b. swine
 - c. poultry
3. Agronomy
 - a. Alfalfa
 - b. corn
 1. for grain
 2. for silage
 - c. tobacco
 - d. pastures
 - e. small grain
4. Forestry
5. 4-H Clubs

From the number of long time goals listed in Dairying, the committee selected the following as goals for the year 1959:

1. To continue D.H.I.A., and use the records of such herds to better advantage, in culling, feeding, and other management problems.
2. To increase the number of cows bred artificially.
3. Supervise 4-H boys in their undertakings with regard to dairy heifers, dairy cows, or dairy herds.

The dairy committee felt that the following were the outstanding problems in Dairying.

1. The records of the D.H.I.A. were not being used by the members to the best advantage.
2. More dairy cattle owners in the county should take advantage of the Artificial Breeding program.
3. 4-H Dairy Club members needed more supervision with their projects from the Extension workers, their parents and their leaders.

1959

AGRICULTURAL PLAN OF WORK

FOR

POWHATAN COUNTY

POWHATAN, VIRGINIA

Prepared by the County Agricultural Agent through the cooperation of the following commodity committees:

1. Dairy
2. Livestock
3. Agronomy
4. Forestry

* Reference - Long Time Extension Program for Powhatan County