

9. Safety

Stress safety in all 4-H Club work. Have a Safety project as a special project in order that members will learn to use safety precautions.

10. Forestry

Have at least 20 members plant a minimum of 500 seedlings each.

E. Club Activity Goals

1. Send at least 10 boys to the 4-H Club Camp at Holladay Lake.
2. Encourage 6 boys to attend the Short Course.
3. Have a 4-H County Achievement Day Program.
4. Encourage members to purchase "4-H Club Member Lives Here" signs for farm entrances.
5. Hold a "Share-the-Fun" program night.
6. Have a County 4-H Day. Have an IFYE on the program.
7. Promote a 4-H dance for older members.
8. Promote some type of social function during the Summer for all 4-H members in the county.
9. Have a banquet for Baby Beef exhibitors, parents and guests.
10. Have a banquet for the Orange Area Market Hog Show & Sale group.
11. Have a barbeque and auction for the Junior Broiler Growers.
12. Plant a 1,000-tree Forestry Demonstration Plot.

To have at least 5 members enter the Junior Commercial Broiler Growers Contest.

Promote and encourage efficient methods of poultry production so that the club may be represented in the State Contest.

5. Beef Projects

Encourage members to purchase purebred breeding stock. To aid the Baby Beef Club members to raise or purchase purebred steers that will grade in the two top grades with proper feeding and management.

To hold the Orange Baby Beef Show & Sale.

Train a representative Livestock Judging Team.

6. Rural Electrification

Have 130 members complete Unit I of the Electric project, with demonstration to be given by Virginia Electric and Power Co. representatives.

Have a field trip to the VEPCO Power Plant at the completion of the project and visit local farm conditions.

7. Tractor Maintenance

Conduct Tractor Maintenance course, Unit A, with the cooperation of all Implement Dealers in Orange County.

End Tractor Maintenance Program with an Operators' Contest and send the winning boys to the District Contest.

8. Garden

Enroll 35 members in the garden project and have members take soil samples.

To aid the members to raise or purchase good hogs that will grade US#1 at the 1959 Show.

2. Breeding Pigs

Select outstanding 4-H members with whom to place pigs for the Sears-Roebuck Pig Chain. Have sows farrow in March so the pigs will be the right size for the Market Hog Show & Sale in September.

Encourage members to purchase registered sow pigs and those who have graded sows to purchase purebred registered boars and to develop their projects into a paying business using these practices.

3. Dairy

Encourage Dairy Club members to exhibit animals at the Grange School Fair and to enter the Northern Virginia 4-H Dairy Show, The Fredericksburg Agricultural Fair and The Atlantic Rural Exposition.

Teach fitting and showing for the fairs during the Summer months.

Develop a representative Dairy Judging Team.

4. Poultry

To have at least 5 members with 200 bird flocks get into egg production through the Sears Roebuck Poultry Chain.

To have at least 6 Junior Broiler Growers carry out the Contest to a successful completion.

Plan and execute an auction of the birds in the Junior Broiler Contest.

C. Methods to Be Used

1. Visit each club member at least once during the year and at other times as the need arises.
2. Enlist the cooperation and interest of the parents.
3. Enlist the aid of the banks and other business organizations in providing financial aid and equipment to the more outstanding members.
4. Have members exhibit their projects at local, district and state fairs.
5. Hold club meetings once a month during school months.
6. Use older members as junior project leaders.
7. Publicize outstanding achievements of individual 4-H Club members by the use of radio and newspapers.
8. Encourage members who are capable of carrying more than one project to do so.
9. Require each club member to complete at least one project to continue in 4-H Club work.
10. Continue social activities placing more responsibility for planning and arranging on the 4-H member rather than on the agent.
11. Have at least three judging teams compete in district contests.
12. Enter outstanding records of members carrying dairy, livestock and poultry projects in state competition.

D. Individual Project Goals

1. Market Hogs

Continus to hold the Orange Area Market Hog Show & Sale.

how the job will be done and who will participate and in what way. The inclusion of all local veterinarians on this committee is very important.

4. Rely heavily on the Dairy Department at V.P.I. to provide the teaching in the Mastitis Program and to obtain assistance from business or industries if this need can not be fully met under Extension.

IV. 4-H CLUB WORK

A. Situation

There are 8 4-H Clubs organized in the county schools, with an enrollment of 263 boys and 8 girls. Seven special interest clubs are organized and are functioning. They are: The Market Hog Club, The Baby Beef Club, The Junior Broiler Growers, The Junior Commercial Broiler Growers, The 4-H Electric, Tractor Maintenance and Forestry.

Other projects that 4-H Club members carry but which have not been organized into special interest clubs are: Breeding Pigs, Entomology, Safety, Garden, and Dairy in all phases.

The County Council is functioning with quarterly scheduled meetings.

Field Crops have never been as popular as some of the other projects.

B. Goal

To have at least 180 club members enrolled, with 85% completion.

Committeemen continue to report that labor management is an extremely important problem on dairy farms in the county. For example: There is only one D.H.I.A. member in the association who operates his dairy solely with family labor, and even in this instance this won't be possible for more than about five years. This is probably true in many other situations.

The combined interest of the dairymen, the poultrymen and beef, swine and sheep producers feel that the local veterinarians should be put in a better position to render quicker and more efficient service if we are to be successful not only in controlling Mastitis in dairy animals but also if we are to progress as we should in the other fields of agriculture.

B. Goal

To enroll at least five dairymen in a Mastitis Control Program provided such a program can be started on a state basis.

To secure a State Diagnostic Laboratory for Mastitis, poultry, beef, hogs, etc., generally for use by veterinarians in diagnostic work.

C. Methods

1. To cooperate fully with the state program if it can be put into effect this year. (The State Mastitis Program is presently being worked upon by the dairy interests.)
2. To organize a Diagnostic Laboratory Committee composed of various special interest committees, including other outside interests having a secondary interest in dairying and a direct interest in community development.
3. To hold two or more meetings of this committee to determine

C. Methods

1. In order to increase calf numbers in the feeder calf sale, organize a committee of capable producers.
2. Make available to the committee all information such as the needs, goals and the advantages and disadvantages of consigning to the feeder calf sale.
3. Assign areas of the county or counties involved to this group and have them make a canvas of every potential consignor within the area assigned. When making this survey have committeemen fill out questionnaire as to why the producer agrees or does not agree to participate in the sale and what his problems are.
4. Devise a program to meet these needs where possible.
5. Inasmuch as there is a nearby Bull Testing Station interest all beef cattle producers possible in attending activities of this testing station, and, thereby, interest them in securing these types of sires in preference to others.
6. These people will be reached through letters, personal contact, newspaper, radio and through committees.

III. DAIRY CATTLE

1. Situation

The Dairy Committee and other dairymen feel that Mastitis among dairy animals is the most serious problem confronting the dairymen today. Since Orange county led the state in 1957 in average butterfat produced per animal in the association, it is evident that there are a number of well bred animals with a high potential of production in these herds in the county.

about the soils that they have to work with, they will take more interest in them and will use the soils that they have for the crops that are best adapted.

II. BEEF CATTLE

A. Situation

There are two big local problems that are facing the beef producers in Orange county during 1959.

The first problem is that Madison county--which represents about one-third of the feeder calves in the Orange Sale--has decided that beginning in 1960 they will no longer consign calves to the Orange Sale but will withdraw and consign to the Culpeper Sale. The present number of animals--about 1,000 calves--is already considered a small sale. Therefore, by losing one-third in 1960, at least this number of animals and more should be obtained from the existing area.

The other problem--but more of a long-time problem--is one that needs immediate attention if our situation is going to be maintained or improved. This is the use of production bred sires or sires that indicate they have the ability to transmit good conformation and early maturity.

B. Goals

1. Beginning in 1959 through 1960 increase the number of feeder calves in the Orange Sale by at least 400 calves.
2. To have at least 10 production tested sires head commercial cow herds in the county during 1959.
3. To have at least 5 additional purebred breeders in the county become active members of the Virginia B.C.I.A.

and other information that will lead to the effective use of the information contained in a soil survey when it is generally available to the people.

There is a tremendous need in the county for the use of more ground limestone and fertilizer. There are many situations where farmers have attempted to grow crops on soils that are poorly adapted to the soil on which they are planted.

B. Goal

The goal is to make available to every farmer, and to others interested, basic inventory of the soils, their development and use.

C. Methods

To solve these needs the Soil Survey Committee has suggested that field meetings be held throughout the next several years on the various aspects of soil, soil use and soil map reading or interpretation. These meetings are to be scheduled from the last week of June through mid-August. For this teaching job assistance will be asked from the Soil Survey party in Orange County and the Agronomy Department at V.P.I.

The field meetings will be held in the areas in which the Soil Survey is being made at the time the meetings are held. As the Soil Survey progresses into other areas and on different soil types, the field meetings will be held in those areas, and so on until the entire county is covered.

It is felt that once farmers generally understand more

ANNUAL PLAN OF WORK

1959

I. AGRONOMY

A. Situation

The Orange County Extension Program was developed to meet the needs of the people of the county along the lines or in the areas that the various commodity committees feel are--and will be in the future--important to their well being.

The Soil Survey for Orange County--one area in which considerable work has been done through committees--was not headed up by the presently existing committee, but was a committee set up specifically for that job, since it was found that considerable interest was demonstrated outside of the field of agriculture. Therefore, in order to include outside interest, it was necessary to set up a special committee known as the Soil Survey Committee. This committee was composed of members of thirteen local county organizations and included--other than agriculture--those such as The Town of Orange, Chamber of Commerce, Orange County Development Corporation, Zoning Committee, Health Department, etc.

Inasmuch as the Soil Survey is to officially begin around April 1, 1959, this Soil Survey Committee has been continued and will be active from now until the survey is completed at least, which will be in three or four years.

The Soil Survey Committee will sponsor an educational program on soil identification and use, interpreting soil survey maps,

PLAN OF WORK
ORANGE COUNTY

1959

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COUNTY AGENT

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ASS'T. COUNTY AGENT