

4. National 4-H Club Week

Club week will be observed and 4-H club members' work recognized. Special emphasis will be given to show the importance of 4-H club work.

5. Achievement Day

If possible, a joint Achievement Day will be held with the High School Home Economics and Voc. Agriculture groups as it was last year.

Awards will be presented to club members for outstanding 4-H project work.

6. Lynchburg Farm Show

Club members will be encouraged to enter exhibits at the Farm Show.

7. 4-H Camp

Club members completely finished with last year's projects will be given an opportunity to attend 4-H Camp at Holiday Lake.

8. Older Youth Camp

Older 4-H youths will be encouraged to attend this special camp. This will help these club members become better leaders when they return to the county.

9. Nelson County Day

Club members will be encouraged to attend the event and participate in activities. If possible a 4-H float will be entered in the parade.

supervision of the County Agent and the Assistant County Agent. Instructional information will be given 4-H Club members by personal visits, bulletins, telephone calls and demonstrations, etc.

Primary projects are beef projects, forestry projects, garden projects, and electricity. Increased interest has been shown in the beef projects as a result of the Beef Club and more club members are showing their livestock in fairs and the Farm Show. We will continue to encourage those club members who are carrying beef projects to show their livestock and to join and actively participate in the Beef Club.

The forestry project is on the increase primarily due to the Nelson County Forestry Club and Contest. We will encourage club members who are taking the forestry project to enter the Nelson Forestry Club and Contest.

The Know Your Soils project and the Automotive project, which are new, seem to be attracting quite a bit of interest. We plan to conduct a special automotive project similar to the Tractor project. Special instruction will also be given in the Know Your Soils project.

We will continue to emphasize the projects which are of interest to the club members and to encourage them to do a better job through our supervision.

Other Activities

1. District Contest

Club members will be encouraged to enter the district demonstration and achievement contest. County contests will be held in the various projects wherever possible.

2. State Short Course

Outstanding club members will be given the opportunity to attend the Short Course. The most outstanding boy and girl will be given the J. B. Whitehead Scholarship which will pay all their expenses to Short Course.

3. Rural Life Sunday

Rural Life Sunday will be observed and club members given a chance to be recognized and to participate in programs.

- (5) Every member learn the 4-H Motto and Pledge.
- (6) Each club learn new 4-H Club songs.
- (7) Each club observe National 4-H Week in March and Rural Life Sunday in May.
- (8) Every 4-H Club member participate in a club program.
- (9) 75% of members in each club complete one or more projects.
- (10) Each club have members participate in some type of judging or demonstration events (club, county, district, state or national, depending upon age and experience of members).
- (11) Turn in to Extension Agent an accurate complete 4-H Secretary's Book by June, 1960.
- (12) Have county-wide training meetings for senior 4-H Club members concerning assembling records.
- (13) Subscribe to the National 4-H News.
- (14) Have some project training meetings in our homes.
- (15) Each senior member serve as a junior project leader.

All Stars

The county has a joint All-Star Chapter composed of Amherst and Nelson counties. This organization has as its purpose to encourage younger 4-H Club members to serve as leaders in community clubs and to support 4-H activities.

Honor Club

The county 4-H Honor Club was organized in October 1959. The objective of this club is for each member to serve as a Junior leader and to help other club members in their projects as well as to sponsor social activities for the club members of the county.

4-H Beef Club

A Club composed of 4-H members carrying beef projects was organized last spring. This Club has as its purpose to give special instructions to these club members. The objectives for this year are to have more animals exhibited at local fairs and farm shows.

4-H Project Work

The boys agricultural projects are under the direct

6. 4-H Club Work

The 4-H Club Committee is composed of fifteen adults who are interested in 4-H Club work and its contribution to the youth of the county. The Committee makes recommendations to the Agents for the 4-H Club Program for each year. The Committee then works with the Agents to help promote 4-H activities and to increase interest in the Nelson County 4-H Club Program.

The following are 4-H objectives and recommendations for the coming year.

a. Objectives and Recommendations

- (1) Encourage the better farmers, especially young farmers and homemakers to act as project leaders.
- (2) Encourage leaders to give individual project instruction to small groups of club members.
- (3) Plan the 4-H Program so as to interest more of the older club members.
- (4) Inform 4-H members, leaders and parents of the opportunities as well as the honors which may be obtained through successful 4-H Club work.
- (5) Encourage parents to come with 4-H members to 4-H events.
- (6) Try to have more club members complete their projects by September, 1960.
- (7) Encourage a larger participation in the District Contest in the form of individual contests, demonstrations and team participation.
- (8) To emphasize the 4-H Beef Club for members who are carrying beef projects.
- (9) Organize at least one new community club.
- (10) Hold record assembling meetings for 4-H Club members.

County 4-H Council

The County Council is composed of club officers from all the 4-H Clubs in Nelson County. The Council meets, plans the year's activities and then helps to carry out these plans.

Following are the objectives for 1960.

- (1) All 4-H Clubs organized before November 1, 1959.
- (2) Fifteen to thirty members in each 4-H Club.
- (3) Adult 4-H Club Leaders serving each Club.
- (4) Each Club well represented at each County Council Meeting.

if any are interested in Grade A markets by visits, letters, telephone calls, etc.

(5) 4-H Club Work

- a. Committeemen will work with agents in encouraging boys and girls to enroll in dairy projects. They will be given encouragement through the use of exhibits, use of better sires and in some instances financing the project for worthy 4-H members.

5. Poultry

The Poultry Committee consisting of four committeemen did not meet. Therefore 1959 recommendations will be considered adequate for 1960.

Nelson County's poultry flocks are practically all home flocks averaging about fifty birds per flock. There are several broiler operations in the county and three commercial egg operations now in production. It is felt that the poultry population in Nelson County will gradually rise during the coming years. Our greatest offense is that the home flocks receive too little attention regarding their comfort and nutrition.

a. Recommendations

- (1) Secure chicks that have been bred for the purpose wanted - layers, broilers, general purpose.
- (2) Committee feels that there should be a well managed family flock on nearly every farm in the county.

b. Method

- (1) The Poultry Committee will continue to serve and cooperate with the County Agent and Extension Specialists in carrying on the above recommendations. Methods used to better the conditions of poultry in this county will be wider distribution of the Extension poultry material, request for specialists when necessary, news articles, personal visits, letters, telephone calls, etc.

or permanent silos to take care of all forage that cannot be stored otherwise or grazed.

(3) Herd Health

- a. Continue the Brucellosis control program through annual blood testing of cows and calfhood vaccination.
- b. Adopt means to reduce mastitis.

(4) Markets

- a. Investigate the possibilities of Grade A markets.

(5) 4-H Club Work

- a. Encourage dairy enrollment in 4-H Clubs.
- b. Procedure

(1) Breeding

- a. All information possible will be given milk producers by the county agent's office through the cooperation of the Dairy Committee in regard to breeding and the artificial insemination school.

(2) Feeding

- a. Dairymen will be encouraged and asked to take part in developing good pastures by entering the pasture contest sponsored by the Agronomy Committee.
- b. Dairy farmers will be encouraged to construct more silos and will be furnished bulletins, plans, etc.

(3) Herd Health

- a. Brucellosis control program will be encouraged. County Agent will continue to make arrangements by request with Veterinarian to test cows and vaccinate calves.

(4) Markets

- a. Dairymen will be contacted to determine

d. Long Range Goals

- (1) Continue pruning demonstrations.
- (2) Increase production per tree from about 3.4 to 5.5 bushels.
- (3) Reduce number of apple trees over 36 years of age and plant between 3,000 and 4,000 trees per year to maintain present production.
- (4) The Nelson County Fruit Growers Association will investigate the possibility of local publicity consisting of several large roadside signs welcoming tourists and visitors to one of Virginia's largest fruit producing counties.

4. Dairy

The Dairy Committee consisting of six committeemen did not meet to make 1960 recommendations. It is planned that this Committee meet before the end of 1960.

The present recommendations will stand as adequate for 1960 until the committee can meet and make further recommendations.

a. Recommendations

(1) Breeding

- a. Breed for fall production and to best sires possible.
- b. Dairymen take advantage of the artificial insemination technical training course at V.P.I.

(2) Feeding

- a. Continue to develop good pastures and management of same.
- b. Promote greater use of forage crops and home grown grains.
- c. Increase the acreage of winter pasture and summer drought pasture.
- d. Plan for production and storage of forage crops, so that at least an extra half year supply will be on hand at all times.
- e. Dairymen plan for sufficient, temporary

1960 MONTHLY PROGRAM

NELSON COUNTY FRUIT GROWERS ASSOCIATION

(All meetings in Nelson County Court-House unless otherwise indicated)

- January 23 10:00 a.m. Joint Amherst-Nelson Fruit Growers Winter Meeting, at Amherst County High School.
- February 25 7:30 p.m. "General Discussion of 1960 Spray Calendar and Early Spray". Panel members: A.R. Seaman, F.P. Phillips, S.P. Bethel, L.C. Harvey, Dr. M. L. Bobb, Dr. H. A. Rollins, R. H. Hurt, Fred Dreiling and Edsel Phillips. "Young Tree Training" - Fred Dreiling
- March 17 7:30 p.m. "How to Avoid the Chemical Residue Problem" (remember the cranberry situation). Rodney C. Berry, Director of Chemistry and Foods, Richmond, Virginia. "Mite, Aphid & Peach Insect Sprays", - Dr. M. L. Bobb.
- April 21 8:00 p.m. "Present Insect & Disease Situation", Edsel Phillips. "Chemical Thinning of Apples & Peaches", - Dr. H. A. Rollins. "1960 Apple Crop Prospects", - Mr. John F. Watson
- May 19 "Twilight Meeting" - 6:30 p.m. (place to be announced later) "Tour Orchard and Observe Insect Disease Situation and Questions and Answers", - Tour leaders: Dr. H.A. Rollins; Dr. M.L. Bobb; Fred Dreiling, Edsel Phillips. "Fruit Set Picture for 1960" by John F. Watson.
- June 16 "Twilight Meeting" - 6:30 p.m. (place to be announced later) "Tour Orchard - Questions and Answers - Leaders: Dr. H. A. Rollins, Dr. M. L. Bobb, Fred Dreiling and Edsel Phillips.
- July Joint Amherst-Nelson Summer Meeting. (Date and place to be announced later). Theme of meeting will be "Marketing".
- August 18 "Twilight Meeting" - 6:30 p.m. (at a packing shed to be announced later) "Quality Maintenance Practices and Results of Packing House Studies". 1. Stop Drops; 2. Maturity; 3. Bruise Control. Dr. H. A. Rollins, Edsel Phillips, Fred Dreiling. "Plans for Apple Advertisement" - John F. Watson
- September No Meeting
- October No Meeting
- November 10 7:30 p.m. Panel discussion on "Results of 1960 Spray Program". Panel moderated by Edsel Phillips (panel members to be announced later) General discussion -Pruning, Fertilization and Mouse Control, - Dr. F.R. Horsefall, Dr. H. A. Rollins, Edsel Phillips, and Fred Dreiling.
- December 15 7:30 p.m. "A Look at the Future of the Apple Business", speaker to be announced later. Also election of officers.

NELSON COUNTY FRUIT GROWERS COMMITTEE

PROGRAM PLANNING COMMITTEE

- A. T. Davidson, Chairman
- A. T. Stevers
- F. P. Phillips
- S. P. Bethel
- L. Carlton Harvey

- W. A. Hoffman, Jr.
- A. R. Seaman
- L. Carlton Harvey

OFFICERS

- PresidentA. T. Stevens, Jr.
- V. President . . .W. A. Hoffman, Jr.
- SecretaryHughes C. Swain
- TreasurerS. E. Saunders

d. Long Range Goals

- (1) Continue conducting demonstrations in rotational grazing.
- (2) Continue encouraging producers of feeder calves and lambs to creep feed them.
- (3) Encourage the use of small farm flocks of sheep on at least fifteen farms during the next five years.

3. Fruit

a. Recommendations

The Nelson County Fruit Growers Committee composed of five members met with three Extension Fruit Specialists as advisors, and recommended the continuation of the monthly fruit growers meetings.

- (1) The recommended monthly program for the county fruit growers as recommended by the committee consist of regular monthly meetings which feature specialists and guest speakers discussing every phase of fruit production.
- (2) The Nelson County Fruit Growers Planning Committee met and recommended topics for each monthly meeting as shown on the attached copy of the 1960 Fruit Growers Program.

b. Objectives and Goals

The objective of the Nelson County Fruit Growers Committee is that each fruit grower attend as many monthly meetings as possible with the goal of the county-wide adoption of recommended fruit practices as brought out by the Horticultural Department and its specialists.

c. Methods

- (1) Extension Agents are to make arrangements for all speakers on the program and see that growers are notified of each meeting.
- (2) The Agents will work with the Fruit Committee in carrying out the recommendations, objectives and goals as set up by the committee in every possible way.
- (3) Agents will distribute approved information and horticultural practices by the use of news articles, personal visits, arranging for visits by specialists and distributing bulletins, etc.

producers attend the Beef Cattle Field Day at Front Royal.

- (2) Have at least two more Nelson County beef herds as members of the Beef Cattle Improvement Association by the end of 1960.
- (3) Contact the necessary livestock specialists of the Animal Husbandry Department at V.P.I. to help in working out the schedule for the proposed livestock school.
- (4) Each committee member will endeavor to go on the Farm Tour and to bring at least four other persons.
- (5) Have at least six new members in the Lynchburg Feeder Calf Producers Association's Fall Feeder Calf Sale by October 1960.
- (6) The Livestock Committee will continue to support the Nelson County Beef Club by attending the various club functions and visiting beef club members and their projects.
- (7) Endeavor to increase cattle consigned from Nelson County by at least twenty-five head per sale in 1960.
- (8) Endeavor to speed the completion of Bangs Testing in Nelson County by cooperating with Federal Veterinarians in every way possible to see that Nelson County becomes a Certified Brucellosis Free county.
- (9) Each Committee member will set as his goal to attend the Livestock School and to bring at least four other livestock producers.

c. Methods

Recommendations and objectives will be carried out with the cooperation of the Livestock Committee working with the Extension Agents and Livestock Specialists using the following methods.

- (1) Selecting demonstrators and interested farmers to participate in ECIA, consigning feeder calves to the cooperative sales, supplying cattle for various demonstrations connected with the Livestock School, etc.
- (2) Attend the Field Day at Front Royal as planned.
- (3) Request Extension Specialists to help put on general Livestock School in the Fall.
- (4) General livestock information and assistance will be given farmers by personal visits, letters, news articles, distribution of bulletins, etc.

which is the present requirements.

- (2) Hay and silage yields be increased so that four acres will furnish the requirements for each animal unit instead of 4.8 acres.
- (3) Production of alfalfa per acre be increased from 1.6 tons per acre (average for the county to three tons per acre.
- (4) 500 acres of idle land per year be planted to forest trees for the next 5 years.

2. Livestock

The Livestock Committee met with four committeemen present and recommended that the following steps be taken during 1960 toward the overall improvement of the livestock situation in Nelson County.

a. Recommendations

- (1) Continue to hold tour of livestock men to the Beef Cattle Field Day at Front Royal.
- (2) Endeavor to have livestock men in county receive information on requirements for entrance into the Virginia Beef Cattle Improvement Association.
- (3) Make tentative plans to hold a general livestock school and demonstrations in late Fall of 1960.
- (4) Cooperate with the Agronomy Committee and Extension Agents in holding the annual summer Farm Tour.
- (5) Increase membership in the Lynchburg Feeder Calf Producers Association during 1960.
- (6) Continue to sponsor and support the Nelson County 4-H Beef Club and award the committee livestock trophy to the Club's outstanding member.
- (7) Encourage cattle producers to consign cattle to the three cooperative sales sponsored by the Lynchburg Feeder Calf Producers Association.
- (8) Recommend that Nelson County be a Certified Brucellosis Free county upon the completion of area testing not later than October of 1960.

b. Objectives and Goals.

- (1) Have at least twelve Nelson County cattle

minimum requirements. This will be accomplished mainly by personal visits from the Agents and Forestry Specialists.

- (2) The Annual Farm Tour will be given adequate publicity through newsarticles, circular letters and personal visits by both Extension Agents and Agronomy Committee members.
- (3) Nelson County will complete the questionnaire form for reporting the 12-month forage program carried out and it will be submitted in competition with other counties in the East Central District.

The Extension Agents with the cooperation of the Agronomy Committee and local farmers will endeavor to conduct such a program so that all the work done toward the adoption of a 12-month forage program in Nelson County will be adequately reflected in the report form submitted for competition.

- (4) The educational program aimed toward the improvement and seeding of new pasture will consist of various news articles and personal visits. The objective of personal visits will be to show the farmer the need for extra and improved pasture and the advantages in having it.
- (5) The educational program aimed toward the use of proper grazing and rotating of pastures will consist of news articles, personal visits and visits by farmers to several farms in Nelson County which are practicing rotational and proper grazing, thereby showing the farmer the advantages of the system and his need for it.
- (6) Farmers will be encouraged to plant fescue where needed by personal visits from the Agents during which time areas suitable and in need of this crop are pointed out to the individual farmer. News articles will also be written on this subject.
- (7) The alfalfa demonstrations are being conducted by specialists from the Agronomy Department at V.P.I., and all assistance possible will be given by the Extension Agents and the County Agronomy Committee.

d. Long Range Program

- (1) Pasture be improved to the extent that each animal unit will be able to receive enough grass from three acres instead of 3.6 acres

- (4) Conduct an educational program to have more farmers seed in grasses and pasture mixtures that land on their farms which are not now covered in pasture grass.
- (5) Conduct an educational program to show farmers the ill effects of overgrazing their pastures and how to rotate pastures to prevent overgrazing.
- (6) Encourage farmers to plant more Kentucky 31 Fescue in places on their farms which are particularly adapted to this crop.
- (7) Conduct two alfalfa demonstrations.

b. Objectives and Goals

- (1) Have at least twenty contestants complete the requirements for the Forestry Club and Contest and have their forestry plots judged at the end of the Contest in September.
- (2) Publicize the Annual Farm Tour to insure attendance of at least fifty persons.
- (3) Cooperate with Agents and Agronomy Specialists and emphasize approved practices as outlined in the 12-month forage program for Nelson County in order that the county report to be entered in the 12-month forage program contest will be one which shows an all out effort toward county wide adoption of a 12-month forage program.
- (4) See that at least twelve farmers seed to pasture a minimum of five new acres which have not been previously regarded as approved pasture.
- (5) See that at least twelve farmers set up and practice a rotational grazing program on their farms.
- (6) See that at least twelve farmers are introduced to Kentucky 31 Fescue and the advantages it has in certain areas and types of land on their farms.
- (7) See that local alfalfa growers have a chance to visit at least one of the two alfalfa demonstrations to show them the advantages of weed and insect control and proper fertilization.

c. Methods

- (1) Encourage certain land owners to compete in the Forestry Contest and to complete the

I. EXTENSION PROGRAM DEVELOPMENT

The basis for the Extension Plan of work for 1960 has been set up by the County Board of Agriculture. This Board is made up of the following Committees - Agronomy, Dairy, Fruit, Livestock, Poultry and 4-H Club.

The Dairy and Poultry Committees have not met at this date. It is planned, however, that these meetings will be held and new objectives, goals and recommendations will be worked out to meet the changing situation.

The following committees met and submitted objectives, goals and recommendations.

1. Agronomy

The Agronomy Committee, which also serves as the Forestry Committee, met with five members present and submitted the following:

a. Recommendations

- (1) Continue to conduct a Forestry Club and Contest in Nelson County.
- (2) Plan to conduct the Annual Farm Tour during the summer to one of the following places - the George Estes Farm in Louisa County, to the Steeles Tavern Beef Cattle Research Station or local farms in Nelson County.
- (3) Compete again with other counties in the East Central Extension District in the 12-Month Forage Program.

PLAN OF WORK

NELSON COUNTY

1960

Hughes C. Swain, County Agent
Lovington, Virginia

Eret L. Ayers, Assistant County Agent
Lovington, Virginia