

November

- A. Annual Report
- B. Monthly Meeting of Fruit Growers
- C. Organization of 1960 County 4-H council
- D. 4-H Achievement Day.

May

- A. Commercial Farm Poultry Visits with Dr. Arthur T. Ringrose
- B. Annual Shenandoah Valley Polled Shorthorn Breeder Sale
- C. District 4-H Livestock Judging Contest
- D. 4-H Beef Judging Contest at Annual Shorthorn Sale
- E. District 4-H Livestock Conservation Demonstration Contest
- F. 4-H commercial lamb sale
- G. Send out circular letter on spittlebug and weevil in alfalfa and also send sheep farmers reminders on treatment of sheep for internal parasites.

June

- A. Sears Roebuck Pig Chain Award Banquet
- B. 4-H Short Course
- C. Twilight Fruit Growers Meeting
- D. Organize sign-up for the Frederick County Quality Apple Production Contest.
- E. Summer barn meeting of the Clarke-Frederick DHIA
- F. County Pasture Tour

July

- A. Attend summer meetings at Middleburg Experiment Station
- B. Hold Twilight Fruit Growers Meeting
- C. Select 4-H baby bees.
- D. Institute of Rural Affairs
- E. Annual Ram Sale
- F. Feeder Calf and Yearling Sale Planning Meetings
- G. Dairy Showing and Fitting Demonstrations.

August

- A. 4-H Camp
- B. Twilight Fruit Growers Meeting
- C. Field Meeting of Fruit Growers at Winchester Fruit Laboratory.
- D. Extension Conference
- E. All-Star Recognition Banquet

September

- A. County Fair
- B. Annual Winchester Yearling Sale
- C. 4-H Project Record Completion

October

- A. Apple Show during National Apple Week
- B. Feeder Calf Sale
- C. 4-H Project Completion
- D. Monthly meeting of Fruit Growers
- E. 4-H Officers Workshop
- F. 4-H Tour of National 4-H Club Center

CALENDAR OF WORK

December

- A. Annual Pasture and Fruit Banquet
- B. 4-H Achievement Program
- C. Commodity Planning Meetings
- D. Set up alfalfa demonstrations
- E. Chickweed Control Demonstration
- F. 4-H Share the Fun Program

January

- A. Extension Committee Planning Meetings
- B. Pruning and Mouse Control Demonstration
- C. District Communications School
- D. Four-State Farmers Meeting
- E. Baby Beef Tour
- F. Setting up 4-H Tractor School

February

- A. Extension Committee Planning Meetings
- B. Setting up 4-H Judging and Demonstration Teams
- C. Preparing 4-H All-Star Recommendations
- D. Rural Urban Dinner
- E. Complete Plan of Work
- F. Bull Grading Demonstration
- G. 4-H Tractor School
- H. Annual Fruit Growers Short Course
- I. Annual DHLA Analysis Meeting
- J. Annual Meeting of Northern Virginia Livestock Producers Assoc.

March

- A. General Poultry Meeting
- B. Work on 4-H Achievement Records
- C. Prepare 4-H Enrollment
- D. Inspect Feeder Calves for Spring Feeder Calf Sale to be held on April 15.
- E. Baby Beef Showing and Fitting Demonstration
- F. Result Demonstration on Weevil Control in Alfalfa
- G. Train 4-H Poultry, Dairy and Livestock Teams
- I. Attend Farm Credit Conference at Natural Bridge

April

- A. Spring Feeder Calf Sale - April 15
- B. Annual Frederick County Fruit Growers Meeting
- C. District 4-H Poultry Judging Contest and District 4-H Dairy Judging Contest.
- D. Organize sign-up for County 12 Month Forage Contest
- E. Winchester Baby Beef Show and Sale - April 25
- F. Train for District 4-H Livestock Conservation Demonstration Team and Egg Grading Team
- G. County Fair Planning Meeting

G. Hold a tractor school for members carrying tractor projects and endeavor to get the local implement dealers to sponsor this school.

H. Hold a workshop for 4-H club officers.

I. Conduct a 4-H tour of the National 4-H club center and other points of interest in Washington D. C.

5. Committee Members

Kenneth McDonald, W. R. Bierer, Nelson Carpenter, Malcolm Brumback, A. E. Belford, E. W. Adams III, Granville Crabill.

VIII. PUBLICITY AND COOPERATION WITH OTHER ORGANIZATIONS

1. Other Activities - The Plan of Work, as outlined, will be publicized through the active assistance of the various committee members, timely mimeographed letters, farm visits, the weekly farm and home radio program, newspaper releases and distribution of bulletins and other data upon request. The Plan of Work will be further implemented through the promotion of good relationship with the allied industries, business, civic and agricultural leaders.

We will continue to cooperate and assist the various commodity organizations located in Winchester that serve both Virginia and West Virginia counties. These organizations include the Frederick County Fruit Growers, the Northern Virginia Livestock Producers and the Frederick-Clarke Artificial Breeding Associations. The County Agents from the various counties all join together in working with the various projects and activities of each. The membership in these organizations are principally from this county and therefore, we feel justified in much of the time that is given to these groups.

Respectfully submitted,

John T. Wolfe
John T. Wolfe
County Agent

Arlis Frymeyer
Arlis Frymeyer
Asst. County Agent

Joe B. Wightman
Joe B. Wightman
Asst. County Agent

3. Provide members carrying hogs as a project, plans and information on improved farrowing

D. Poultry

1. Encourage more boys to carry poultry projects.
2. To visit and make recommendations on poultry projects.

E. Crops

1. Encourage more members, especially older 4-H club members, to carry crop projects.
2. To advise and make seeding and fertilizer recommendations on the crop projects.
3. Conduct a 4-H corn growing contest and award prizes.

3. Contests

A. Select a livestock judging team from as many clubs as possible to participate in the area contest held at the Short Course and local Purebred Beef Cattle Shows.

B. Train county livestock, dairy, poultry, livestock conservation judging teams, and egg grading teams.

C. To score Sears Pig Chain projects and award prizes accordingly.

D. Conduct the 100 bushel corn contest.

E. Score breeding ewe flocks and award prizes accordingly.

F. To obtain as many 4-H club exhibits for the annual Frederick County Agricultural Fair as possible.

G. Enter the following state contests: Meat Animal, Leadership, Electricity, Poultry and Achievement.

4. Other Activities

A. Hold two meetings of the County Council.

B. Hold a County Achievement Day Program.

C. Send membership quota to State 4-H Short Course.

D. Send quota to 4-H Club Camp.

E. Observe National 4-H Club Week.

F. Hold a county "Share the Fun" program and endeavor to have local U. S. Royal Tire Distributor to sponsor this program.

F. Visit the participating families as frequently as possible and offer available assistance in carrying on their farm and home program.

4. Committee Members

Henry Brumback, W. Boyd Ramey, Mr. and Mrs. Alfred Snapp, Mr. and Mrs. Landon D. Whitacre.

VII. 4-H CLUB PROGRAM

1. General Situation

The 4-H club boys' enrollment for Frederick County is expected to be approximately 275 for the coming year. At the present time, an Assistant County Agent is devoting full time to 4-H club work.

2. Projects

A. Sheep

1. More members will be encouraged to carry sheep as a project.
2. Members carrying sheep will be encouraged to enter the 4-H Ewe flock project.
3. Members carrying sheep projects will be encouraged to attend a sheep shearing school.
4. Members will be encouraged to enter lambs in the 4-H lamb show and sale.

B. Beef Cattle

1. Conduct the joint Baby Beef Show and Sale with Clarke County.
2. Conduct a baby beef tour through the county with the project members.
3. Have a fitting and showing demonstration for members carrying baby beef projects and all others interested.
4. Feed 15 baby beefs.
5. Encourage boys to carry purebred beef heifers as a project where it is suitable to the home operation.
6. Conduct a grub control demonstration for 4-H club members on baby beefs.

C. Hogs

1. Conduct the Sears Pig Chain Projects.
2. Encourage more boys to purchase purebred gilts and raise top quality hogs.

VI. FARM AND HOME DEVELOPMENT PROGRAM

1. Present Situation - Twenty-eight farm families were receiving special attention in farm development at the end of 1959. Four more were added on January 1, and one was dropped.

Of the twenty-eight farms, the major income on seven was derived from fruit production; nine had farm income from several major enterprises; seven were primarily dairymen, and five had poultry as a major classification in the county. The general farmers usually had beef and sheep enterprises.

On September 1, the part-time assistant Home Agent working on Farm and Home Development resigned to become Home Agent in another county. No replacement has been made yet.

Most emphasis have been placed on farm records, selection and care of livestock, sanitation, selection of fertilizer and seeds, marketing of farm products, and farm buildings. Record keeping and analysis needs more emphasis.

2. Goals for 1960

- A. To increase number of participants to 35 families.
- B. To keep the participants up to date on farming information, including selection of stock, seeds and fertilizer and farm records.
- C. To aid the family as much as possible on plans, projects and problems that might occur.
- D. To encourage participating families to take advantage and take part in the various extension programs already established in the county. This will include 4-H club, home demonstration work, feeder sales, and fruit and livestock schools.
- E. To assist at least eight participants with their farm records.

3. Methods For Obtaining Goals

- A. Acquaint more farm families through available publicity media of the Farm and Home Development phase of the program with at least 12 news articles and four radio programs as well as personal contacts.
- B. Use extension specialists where possible to assist participants with particular problems.
- C. Invite participants to scheduled and special demonstrations relative to their farming operations.
- D. Distribute extension bulletins, farm records books, plans and other information needed in carrying on a good farm program.
- E. Continue the cooperation with other organizations such as the Soil Conservation Service, ASC Committee, Virginia Forest Service and Farm Credit and provide assistance where needed.

C. Methods

(1) Hold a meeting and secure the services of specialists to speak on the following topics:

1. How to use DHIA records to best advantage.
2. Importance of producing high quality forage to reduce grain cost.
3. Discuss use of antibiotics.
4. Discuss control of forage pests, alfalfa weevil, etc.

(2) Secure a sponsor for lunch to encourage attendance.

(3) We will invite all dairymen in our county to attend this meeting by letter and personal contact, and radio and newspaper publicity.

4. Dairy Fitting and Showing Demonstration

A. Situation - The committee felt there was much need for dairymen throughout the county to take more interest in showing their dairy cattle in local fairs throughout the area.

B. Goal - To interest more dairymen in participating in our local fair by exhibiting some of their dairy animals. Also we have to teach many of them the correct ways of feeding and showing dairy animals at this demonstration.

C. Methods

(1) Will secure dairymen to cooperate in holding this demonstration on his farm.

(2) Secure the services of William Patterson, Extension Dairy Husbandman, to be in charge of the demonstration.

(3) Invite all dairymen to the demonstration by letter and personal contact.

5. Plan to conduct our summer twilight dairy meetings in cooperation with the Clarke-Frederick DHIA. We will plan to hold one meeting in each of the three counties comprising the Clarke-Frederick DHIA.

6. County Fair

1. The County Dairy Committee suggested that members of the committee support the County Agricultural Fair by encouraging and assisting 4-H club members to exhibit their dairy projects and also make exhibits themselves at this event.

2. The committee suggested that local dairymen make available calves to be used for 4-H club projects thereby increasing the number of young men interested in dairy work because there is much need for dairy operations in our county.

7. Committee Members

D. H. Cochran, Haven Wolfe, I. Fred Stine, Robert Hockman, W. R. Bierer, Robert Stickley, J. W. Ballowe, and James Stimmel.

B. Methods

- (1) Visit all poultry producers who request help.
- (2) Visit all commercial poultry growers at least once during 1960.

The committee decided that they would continue to support the poultry exhibit department at the annual Frederick County Fair and do anything possible to improve this department.

The county Extension Office will send out timely information periodically during the year. These will include the publications from the poultry department at V.P.I.

4. Committee Members

Irvin Williams, R. L. Barney, Granville Crabil, Henry L. Brown, Emmett Scothorn, Eugene Barley, I. H. Phillips, Tom Rosenberger, Julian Carbaugh, Bill Ensogna, W. J. Lockhart, Henry Cline, Charles Bish.

V. DAIRY

1. D. H. I. A. Meeting - February

A. Situation - Due to the higher production cost and low milk receipts, we feel that the DHIA is more important to our dairymen than ever before.

B. Goal - To get dairymen to make better use of information through the use of the Dairy Herd Improvement Association records.

C. Methods

(1) Hold a DHIA analysis meeting in cooperation with Clarke and Warren counties in February.

(2) Secure specialists from the Dairy Department at V.P.I. to review the records and make recommendations to the farmers on how they might improve their dairy operations.

(3) Encourage all members to attend by inviting them by letter and personal contact.

(4) Secure a sponsor for lunch to encourage attendance.

2. General Dairy Meeting

A. Situation - The committee felt that the dairymen in our county need help and information concerning better feeding and management of dairy cattle.

B. Goal - To improve management of our dairy herds so that it will cut down on the ever growing production cost.

IV. POULTRY

General Situation - Poultrymen of our county experienced very low prices during 1959. The only exception to this was the rising of the turkey market during Thanksgiving and Christmas holidays. The number of poultry growers have decreased terrifically during the past few years due to low prices received for poultry products. The committee felt that most of the efforts this year should be spent on informing the producers regarding improvement in management practices.

1. Poultry Condemnation Meeting - December

A. Situation - Many growers are being penalized extremely heavy in many cases for condemned poultry.

B. Goal - Hold a general meeting with growers to discuss this problem.

C. Methods

(1) Secure speakers from the poultry department at V.P.I. to discuss ways and means to help cut down on the amount of poultry being condemned.

(2) Will arrange for a morning meeting to include lunch.

(3) Invite all poultry producers to attend by letter and personal contact.

2. Educational Poultry Meeting - March

A. Situation - The committee felt that there is a need for improvement among the growers for better management to increase the efficiency of their poultry operations. Including broilers, layers and turkeys.

B. Goal - To hold a general educational meeting and encourage all poultry producers to attend.

C. Methods

(1) Secure speakers from the poultry department at V.P.I. to discuss timely topics which will be of interest to the growers.

(2) Will arrange for an all day meeting including lunch.

(3) Invite all poultry producers to attend by letter and personal contact. Also publicize the meeting on the radio and in the newspaper as much as possible.

3. Farm Visits

A. Goal - To visit as many poultry farmers as possible during the year with the aid of a poultry specialist from V.P.I. to make recommendations where needed or requested.

D. K. Russell, for their recommendations in helping them establish orchards on proper sites.

- (4) Encourage visits to all demonstrations by notifying fruit growers where these demonstrations will take place.
- (5) Devote at least three radio programs to fruit topics.
- (6) Publicize State Horticulture Meeting and encourage more fruit growers from our county to attend.
- (7) Will send out timely information to fruit growers from time to time regarding pruning, misease control, new series fertilization, etc.

3. Quality Apple Production Contest - J. Douglas Butler, Chairman

A. Situation - The committee decided to continue this contest because they feel that the contest is encouraging more growers to grow better quality fruit and there are still many growers who need to be encouraged to grow better fruit because there are still many inferior apples going to market.

B. Goal - To encourage and stimulate more interest in the marketing and production of better quality fruit.

C. Methods

- (1) Hold an Apple Production Contest.
- (2) Hold an Apples for Processing Contest.
- (3) Hold an Apple Show during National Apple Week and cooperate in preparing window displays during National Apple Week.
- (4) Award cash prizes and cups to winners in each contest.
- (5) Award certificates from V. P. I. to winners in each contest.
- (6) Hold a recognition banquet in cooperation with the pasture club.
- (7) Solicit support from banks and business firms to finance the cash awards and banquet.

4. Committee Members

D. K. Russell, Gail Robinson, Loring Woore, Alfred Saupp, J. E. Butler, Philip Claize, J. K. Robinson, J. Robert Russell, Landon B. Whitacre, Grover Teets, Walter T. Anderson, Dr. C. H. Hill, George Whitacre, Ray Rinker, Clyde Logan, J. Douglas Butler, J. H. Yost, Henry Cline, Huyett Light, Robert Dick, C. Hardy Grin, Joe Dorsey, George Williams, and Harry Ridgeway.

The Fruit Committee has considered these factors, plus many precautions to be considered when making new plantings. Fruit growing is expensive because of the many insect and disease measures which must be used in order to produce quality fruit.

1. Educational Meetings

A. Goal - To keep fruit growers informed on latest horticulture practices and recommendations throughout the year.

B. Methods

(1) Hold Annual Fruit Growers Short Course February 18, 1960.

(2) Hold periodic meetings of the fruit growers.

(3) Hold three twilight meetings in orchards during June, July and August, one of these to be held at the Winchester Fruit Research Laboratory to review the work.

(4) Secure qualified speakers at these events to present latest recommendations on spraying, fertilizing, marketing and general management practices in fruit production.

(5) Notify all fruit growers of meetings by letter, personal contact and publicity throughout newspapers and local radio station.

2. Demonstrations and Recommendations

A. Situation - The committee felt, as last year, that there was much need for advertising more result demonstrations. Several of these were conducted last year and proved very successful and they felt that growers received more help and information where they could actually have the opportunity to view results of these demonstrations.

B. Goal - To encourage new plantings and proper management of established orchards and to encourage growers to follow latest information and recommendations.

C. Methods

(1) Hold result pruning demonstrations in two apple orchards where method pruning demonstrations have been held.

(2) Furnish information to fruit growers encouraging them to use the land best adapted to fruit growing and use the other land not adapted to fruit growing to other types of farming.

(3) Continue to refer growers who are planting new plantings to the Sites Committee, composed of J. K. Robinson, H. A. Rollins, and

B. Goal - To inform livestock breeders on some of the latest developments in the management of livestock.

C. Methods

(1) Hold a general educational meeting sometime during February in cooperation with the Clarke County Agent.

(2) Secure qualified speakers for this event to present latest information on the following subjects:

- a. Use of stilbestrol in cattle feeding.
- b. DCIA program.
- c. Grass tetany.
- d. New grub control methods.
- e. Also include a current topic on swine and sheep production.

7. Send out timely reminders to farmers of the change in marketing of fat lambs. We will notify the farmers that the docked and castrated lambs will be sold separate from those that are not docked and castrated.

8. We will continue to cooperate in staging the feed calf and yearling sales and continue to encourage our producers to consign and take advantage of the better prices received through this cooperative marketing program.

9. We plan to survey our county to find out if there are enough finished steers available to necessitate holding a finished steer sale this winter and if one is held by adjoining counties, we will cooperate.

10. Committee Members

J. H. McDonald, Nelson Carpenter, Hugh Brill, James Garrett, Grover Teets, Vernon White, J. L. Givens, H. L. McCann, Leonard Wright, Elmer Venkoske, W. Weeden Teets, A. E. Belford and E. W. Shenk.

III. FRUIT

Again this year our growers experienced very low prices for their fruit. Another serious problem which has confronted a number of our growers this year has been the control of leaf roller and also we have had a number of growers who have had trouble with the keeping quality of the staymen apples in storage.

Fruit production is a very specialized field and fruit growers must be up to date on the latest growing and management recommendations. With fruit being the leading agricultural enterprise in our county, we have outlined as follows a well rounded program we think, to meet most of the needs of the fruit growers from an extension program standpoint.

4. Brucellosis Eradication Program

A. Situation - The Brucellosis testing program got under way in our county last July 1 and has to be completed by June 30 of this year. The Extension Agents cooperated with the local veterinarians and the federal veterinarians to formulate plans for this testing program.

B. Goal - To test every cow in the county over two years of age.

C. Methods

(1) Continue to publicize the testing program and help farmer arrange their testing schedule with the veterinarian.

(2) Will encourage cattle farmers to vaccinate heifer calves between age of 6 and 8 months for control of Brucellosis.

5. Hog Cholera Control

A. Situation - It was brought out at the committee meeting that several farmers are purchasing feeder pigs at the local auction markets. These farmers are being charged \$2.00 for the pigs to be vaccinated by a veterinarian using serum alone. The committee felt that this was an unjust charge and they thought that instead of using serum, the Veterinarian should be asked at the request of the farmer, to use MLV which would immunize them for the full feeding period.

B. Goal - To secure cooperation of the Veterinarians at the local auction markets to use MLV upon request of the purchaser instead of using serum alone.

C. Methods

(1) A committee was appointed to contact the local livestock auction manager and veterinarians to solicit their cooperation in meeting with the buyers requests regarding the vaccination of feeders pigs purchased.

(2) In addition to cholera control at the auction market, we will publicize and notify farmers by use of radio, newspaper and through personal contact recommending that swine farmers vaccinate their pigs with MLV instead of using just serum.

6. Educational Livestock Meeting - February

A. Situation - The committee felt that a general educational livestock meeting should be held in the country again this year and they felt that there was a need for such a meeting to have some of the recent developments in the livestock field discussed.

7. Other Activities

A. Will make recommendations on various agricultural practices such as seeding pasture mixtures, small grain, corn, alfalfa, etc. as needed.

B. Encourage the taking of soil samples through the use of newspaper, radio and personal letter.

C. Will inform farmers by newspaper, radio, circular letter and personal contact on seasonal agricultural activities.

8. Committee Members

Ira Campbell, Chairman, E. W. Adams, Jr., Frank Drumback, Malcolm Brumback, Harry Seabright, Fred Brumback, C. E. Koontz, I. Fred Stine, Eston Rudolph, Jr., William Reuter, Paul Moore, Willie Staub and Johnny Good.

II. LIVESTOCK

General situation - The livestock farmers in Frederick County in general experienced a successful year during 1959, particularly the beef cattle farmers. The price received for lambs and hogs was down compared to recent years but since beef cattle make up most of the livestock income in our county, the livestock farmers are in good financial condition when good management practices are used.

1. Bull Grading Demonstrations - February

A. Situation - Many of our farmers are selecting bulls that are of poor type and quality for siring their calves.

B. Goal - We will invite beef cattle producers to attend the bull grading demonstrations to be held in connection with the Virginia Hereford Bull Sale which will be held at the Farmers Livestock Exchange during February, so that they can see and learn what the top grade bull should look like.

C. Methods - with the Animal Husbandry Department at V. P. I. by

(1) We will contact as many beef cattle producers as possible by personal contact and through personal letter notifying them of the demonstration and the importance of attending. Also we will advertise the event by use of radio.

4. Summer Meeting at Middleburg Experiment Station

A. Goal - To encourage farmers to attend these meetings because it offers them the opportunity to hear outstanding speakers discuss timely topics which they would not otherwise have the opportunity to hear. This will be done provided a summer meeting is held at the station.

B. Methods

- (1) Notify farmers of date and time of the meeting by letter and personal contact.
- (2) Give publicity to meeting by radio and newspaper.
- (3) Arrange transportation to and from the meeting.

5. 20 Ton Silage Club

A. Situation - The Agronomy Committee felt a need for improvement and increased production on corn silage in our county.

B. Goal - To increase the tonnage of silage produced per acre by five tons per acre.

C. Methods

- (1) Select 5 or 6 farmers to voluntarily participate in the club.
- (2) Three prizes will be awarded as follows:

1st ----	\$25.00
2nd ----	15.00
3rd ----	10.00
- (3) Participants will be invited to attend the Annual Pasture Banquet at which time the awards will be made to the winners.
- (4) Furnish recommendations on varieties, fertilization, and management practices.

6. Annual Banquet - December

A. Goal - To bring together farmers, representatives from business firms who provide funds for prizes, agricultural workers, civic leaders and others, to acquaint them with some of the phases of agriculture in the county and to make awards in the contest.

B. Methods

- (1) Select an arrangements and program committee.
- (2) Solicit business firms and banks for financial support for awards and cost of the banquet.
- (3) Send invitations to all people concerned.
- (4) Publicize the meeting through radio and newspaper publicity.

2. Alfalfa Result Demonstrations

A. Situation - The Agronomy Committee discussed the average yield of alfalfa for Frederick County and felt that there was need for trying to do something to increase the production per acre of our county alfalfa yields. Our alfalfa yields are considerably below the average and our committee felt that there was room for improvement.

B. Goal - To increase the yields of alfalfa by $\frac{1}{2}$ ton per acre.

C. Methods:

(1) Continue with the two farmers selected last year. One is located in the Northern section of the county and one in the southern section of the county. They cooperated by marking $\frac{2}{10}$ of an acre of alfalfa in one of their fields for the demonstration.

(2) Spray these two plots of alfalfa for the control of chickweed if needed again this year.

(3) Treat each of these plots with granulated heptachlor for the control of alfalfa.

(4) Apply fertilizer to the two plots at the rate of 1000 pounds per acre.

(5) Conduct a tour of these two demonstrations sometime during the month of June.

3. Pasture Tour

A. Situation - There is a need for more seedings of recommended pasture varieties and also a need for improvement in the management of many of our established pastures.

B. Goal - To enable farmers to see outstanding progress in pasture management and ideal stands of grasses and legumes.

C. Methods

(1) Will select farmers whose farms represent the different type farm operations so that other farmers may see the pasture and forage systems used on these different type operations.

(2) Will invite farmers of the county to attend, by letter and personal contact.

(3) Will secure cooperation of the three Kuritan Clubs in the county and ask their participation in the tour.

(4) The tour will be conducted during the first week of June.

B. COMMITTEES

I. AGRONOMY

In 1959 we experienced a very dry growing season which resulted in one of the smaller corn crops in Frederick County. Alfalfa and mixed hay production was moderate and most farmers have about enough feed on hand to run them through the winter feeding period.

1. Pasture and Forage Contest

A. Situation - The Agronomy Committee felt a need for improvement in pasture and forage management in the seeding of more recommended varieties of seed on a big percentage of our farms.

B. Goal - To increase the carrying capacity of pasture and production of high quality forage crops to help offset lower prices received for livestock and insure against dry periods.

C. Methods for Securing Participation

(1) Conduct the contest on a magisterial basis as was done last year for the first time and proved very successful, for the purpose of securing more members to participate.

(2) Committee will be appointed for each magisterial district to handle the sign-up of participants in each of these five districts.

(3) Winners will be selected on a district basis after which these winners will compete for county honors.

(4) Will award certificates from V. P. I. to the winners selected by a committee of judges.

(5) Award an attractive cup to the county winner who has done the most outstanding job in the opinion of the judges.

(6) Furnish recommendations on seed mixtures, fertilization and management practices.

(7) Following are the committee chairmen by districts appointed at the Agronomy Committee meetings:

Back Creek - Willie Staub
Gainesboro - E. W. Adams, Jr.
Stonewall - Ira Campbell, William Reuter
Shawnee - Vernon White
Opequon - J. F. Garrett

A. BRIEF DESCRIPTION OF COUNTY

The agriculture of Frederick County for the past few years has seen a trend toward more deversified farming. According to the 1954 Frederick County census of agriculture, there are 1298 farms with an average of approximately 140 acres. The principal income from agriculture comes from fruit, livestock and poultry operations. Frederick county's area is 432 square miles.

The population of the county is approximately 21,000 and the population of the county seat, Winchester, which is located near the center of the county, is approximately 16,000 and these have been steadily increasing during the past few years. With this increase in population, due to many new homes being established on small acreages in the outlying areas of the city, yet located in the county, have added a good deal of work for the Extension Service.

The topography of the county varies a good deal making possible more deversification in farming operations. This is evidenced by farmers in our county growing over one-half million broilers during 1959, 100,000 laying hens and approximately 150,000 turkeys. There is approximately 15,000 head of beef cattle on Frederick County farms and there has been an increase in the establishment of grade A dairy herds during the past five or six years. The income from fruit is the dominant factor still in the economic life of our county and this is shown in evidence in that our county leads the state in apple production. With the increase in grade A dairies and in livestock numbers, pasture, hay, corn and small grain crops are important in our county also.

Since our county is very deversified agriculturally, our plan of Work was developed through several commodity committees, namely Agronomy, Dairy, Fruit, Livestock, Poultry and our Special Committee on 4-H club work. The procedure we used in developing this Plan of Work was to have representative farmers from different sections of the county interested in that particular commodity meet together along with the Extension workers and in nearly every case an Extension specialist in that particular field, to offer suggestions. This group met together and discussed the county situation and determined the type of program needed to improve the situation and bring about a better economic standard for our Frederick County farm people. I will not mention the problems specifically in general here, but you will find them listed under each commodity. At this time we have the services of an Assistant Agent working on the Farm and Home Development Program and also an Assistant Agent to help with the 4-H activities and other extension work. Fortunately, we have had these two Assistant County Agents working for the past two years and the Extension Program has not been interrupted and we have been able to more fully carry out the Plan of Work formulated early in the year.

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1960 PLAN OF WORK

EXTENSION SERVICE IN COOPERATION WITH
THE FREDERICK COUNTY EXTENSION COMMITTEES

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