

PLAN OF WORK
GLOUCESTER COUNTY
1959

A. G. Birdsall
County Agent

I TABLE OF CONTENTS

| | |
|---|----|
| II Description of County | 3 |
| III Situation | 3 |
| IV Program Development | 3 |
| V Extension Organization and Planning | 4 |
| VI Crop Production | 4 |
| VII Livestock Production | 6 |
| VIII Poultry Production | 8 |
| IX Forestry | 9 |
| X 4-H Club Work | 11 |
| XI Farm and Home Development | 14 |
| XII Dairying | 15 |
| XIII Horticulture | 16 |
| XIV Soil and Water Conservation and Wildlife | 17 |
| XV Farm Buildings and Mechanical Equipment | 18 |
| XVI Planning and Management of Farm Business | 19 |
| XVII The House, Surroundings, Furnishings and Equipment | 20 |
| XVIII Health, Family Life and Safety | 21 |
| XIX Conclusion | 21 |

II DESCRIPTION OF COUNTY

Gloucester County is located in the Tidewater area bordered on the northeast by the Piankatank River and Middlesex County, on the Northwest by the Poropotank Creek, King & Queen County, on the Southwest and South by the York River and on the East by the Severn, Ware and North Rivers which empty into the Mobjack Bay. Mathews County also borders Gloucester on the East by land from the head of North River across to the Piankatank River.

The County has an area of 223 square miles and the number of white farm operators is 432. However, the total number of families in the County is 3,000 or more.

The average size farm in the County is 88 acres as reported in the 1954 Census. This figure has probably increased during the past 4 years, as the trend continues to be toward larger farming operations. Many of the smaller landowners rent additional land to justify the operation of the more modern farm equipment.

Corn and soybeans are the leading crops and the income is about equal in a normal season.

III SITUATION

As a result of the favorable weather conditions during the growing and harvesting season in 1958, farmers in the County are in reasonably good financial position. Bank deposits in the County increased from a very low figure to approximately $\frac{1}{2}$ a million dollars as a result of the favorable crop year. Farmers generally have turned to more year-round work, with more part-time work off the farm, and also more work devoted to forestry improvement during the winter months.

Many of the larger farmers have adopted new practices, especially with the use of increased amounts of fertilizer with higher analysis, improved farm machinery and improved farming methods.

Increased livestock numbers is the trend, especially with swine for market. More and more farmers are turning to the use of home-grown grains mixed with supplements, for feeding livestock, and also poultry. New feed grinding and mixing machinery has been purchased by some farmers.

IV PROGRAM DEVELOPMENT

Meetings of the different special interest committees were held; in most cases specialist assistance was obtained. The general County situation was discussed pertaining to the different specific commodities. The Agent planned meetings and met with the following Committees and Organizations, for the purpose of setting up objectives and goals, and methods of carrying out the program for the year. Agronomy Committee; Forestry; Livestock; Poultry; The County 4-H Council; the 3 Community Improvement Clubs; and the special Committee of the Ruritan Club.

The 5-year long-time objectives which were adopted in 1957 by the County Agricultural Extension Service Board remain the basis for the County over-all program. However, the different commodity committees have considered changes in trends and recommended practices when selecting objectives and goals for 1959.

1. Follow recommended rotations which include adequate cover crops.
2. Use proven production methods and seed varieties.
3. Emphasize a sound year-round feeding program with forage crops.
4. Increase forest production through approved management practices.
5. An improved livestock and poultry program through better breeding, feeding, disease and parasite control, and marketing.
6. Take full advantage of aids offered by State and Federal programs to maintain our soils, and improve them.
7. Be on look out for good supplementary crops or enterprises for additional income.
8. Continue working with the County Youth Program.
9. Obtain services of Home Demonstration Agent.

V. EXTENSION ORGANIZATION AND PLANNING

The sponsoring body for the Extension Program in the County is the County Agricultural Extension Service Board which includes representation from the different Commodity Committees, Commodity Production and Marketing Organizations, Community Improvement Clubs, County 4-H Council, Special Interest Committees and the Gloucester County Farm Bureau.

At the 13th Annual Gloucester County Agricultural Extension Service Board Meeting, reports were given by the Chairmen of the different Commodity Committees, and Organizations on results accomplished in 1958, and the objectives and goals for 1959, for specific Committees, including the 4-H Club objectives, were adopted by the Board.

The County is divided into eight agricultural communities which are divided into neighborhoods with agricultural committeemen.

To carry out the County Extension Program for 1959, the following activities are outlined:

VI CROP PRODUCTION

1. AGRONOMY

A. Situation:

At a meeting of the Gloucester County Agronomy Committee, held at the office of the County Agent, with Sam Janney presiding, objectives and goals for 1959 were adopted. John F. Shoulders, Associate Extension Agronomist, at V.P.I., met with the Committee and assisted with giving resource information to the Committee in discussing the objectives and goals. Special emphasis was given to changing the rules and regulations pertaining to the Pasture Club. The Committee decided to continue to give emphasis to the use of more fertilizer using the recommended analysis. At the County Board Meeting, W. W. Lewis, Extension Agronomist, at V.P.I., pointed out the need for the use of more nitrogen in the County. The Agronomy Committee members adopted 3 main objectives for the year:

B. Objectives:

Goals:

Methods:

1. Improvement in the crop fertilization program. For a corn-soybean 2-year rotation use 900 lbs. per acre of 10-10-10, or on light soils, 3-9-18 or 5-10-10 may be used. When 3-9-18, or 5-10-10 is used, additional nitrogen should be applied as a side-dressing. A mixture of 20-0-20, or 14-0-14 may also be used as a side-dressing. All fertilizer may be applied to corn. When small grain is used in 2-year rotation, with corn and soybeans, apply 800 pounds on corn and 400 pounds on small grain and none on soybeans. Apply lime in rotation, have annual soil tests. The optimum pH is 5.8 to 6. Increase the use of lime 15%. Mr. Janney agreed to conduct a demonstration with the use of lime in the rotation. When small grain is used in the 2-year rotation with corn and soybeans, apply 800 lbs. of fertilizer on corn and 400 lbs. on small grain, with none on the soybeans.
- a. Apply lime in rotation

70 farmers

15 farmers

2. Encourage use of recommended crop varieties.

1. Conduct demonstrations beginning in March
- a. continue demonstration on light soils Jack Leiffer
 - b. continue the demonstration on heavier soils - Charles Bristow
 - c. demonstration on using additional nitrogen on corn - Herman Horsley
 - d. demonstration on using additional nitrogen on corn - Henry Rilee (both members of Petsworth Community Improvement Club-nitrogen applied in row).
2. Publicize for all producers of corn to use more nitrogen.
3. Visit demonstration in August to see results - 2 Specialists on Tour.
1. Annual soil test to determine needs of crops.
- a. Have demonstration with lime in rotation Sam Janney - in April
 - (1) locate on primary highway, if possible
 - (2) visit demonstration on Agronomy Tour in August.
1. Hold 4 varietal demonstrations with corn and soybeans.
2. Publicize recommended varieties in newspapers, also send list of varieties to growers on mailing list.
3. Visit Research Station at Warsaw in August or September.

3. Emphasize year-round forage program for livestock. 20 farmers adopt new practice.

1. Conduct demonstration on pasture, alfalfa, and other forage crops. These demonstrations to include fertilization, spraying to control chick weed, use of heptachlor to control weevil, and other insects.
2. Through news articles, letters, farm visits, and radio programs, encourage farmers to use ACP Program.
3. Visit a sod waterway and tile drainage demonstration and pasture layout on the Agronomy Tour, and visit tall-grass ladino clover pasture.
4. Visit the Warsaw and Middleburg Research Stations.
5. Visit farms on the Agronomy Tour to see crops used for silage, supplementary pasture, alfalfa and Bermuda Grass.
6. Through the farm improvement phase of work through the Community Improvement Clubs, encourage the use of improved feeding program.
7. Send copies of Agronomy objectives to all corn and soybean producers in the County.
8. Conduct alfalfa demonstration on the use of fertilizer according to the soil test and recommendations - Bill Moorman.
9. Give publicity during the year, in the County Agent's Column of the weekly newspaper, to different phases of the Forage Crop Program.

VII LIVESTOCK PRODUCTION

A. Situation:

Several livestock farms have changed ownership recently, however beef cattle numbers remain about the same, with some increase in feeder cattle numbers. Feeding is a problem on many of the livestock farms, however the trend is toward using more home-grown grains. The County Livestock Committee Meeting was well attended. Assistance was given by the Swine Specialist in furnishing resource material. The Committee decided to give emphasis to the production of swine, and discussed the possibility of or-

of organizing a Swine Club, which would be associated with the 100 Bu. Corn, Soybean and Pasture Clubs. The Committee agreed to the following statement with reference to the Livestock Program in the County: "It is basically sound to feed farm-produced grain to cattle. To raise stock, is to improve the soil".

Objectives:

Goals:

Methods:

- | | | |
|--|---|---|
| <p>1. Utilize more of the home-grown grains and roughage in feeding of cattle, sheep, and hogs on farms in the County, and give tie. emphasis to increasing swine numbers.</p> | <p>12 farmers</p> | <p>1. Sponsor a Swine School in July and also a Tour. a. School to be held in morning and Tour in afternoon of same day. b. On the Agronomy Tour, visit a hog feeding operation where home-grown grains are used. c. The feeding program would be emphasized through farm visits, circular letters, news articles, radio programs and Tours; also through the objectives of Community Improvement Clubs.</p> |
| <p>2. Study possibility of organizing a Swine Club and associate this with 100 Bu. Corn, Soybean and Pasture Clubs.</p> | <p>If organized, enroll 15 members.</p> | <p>1. Through the membership of the Club, increase hog numbers for market, improved and more efficient feeding program using home-grown grains, through efforts of members of the Club</p> |
| <p>3. Promote the use of more purebred sires.</p> | <p>10</p> | <p>1. Emphasis will be given by publicity to use of more meat-type hogs. 2. Make a list of breeders in the County and nearby area for all types of livestock. 3. Advertise the purebred sales for all types of livestock; also market sales.</p> |
| <p>4. Provide cattle, sheep and swine breeders, information on parasite control, equipment, and other recommended management practices.</p> | <p>15 farmers adopt new practice.</p> | <p>1. Through circular letters, farm visits, and radio programs, information will be made available to producers. 2. Visit recommended practices on the Livestock Tour, and also on the Agronomy Tour. a. Assist farmers with sheep shearing problems by obtaining personnel to do custom work.</p> |
| <p>5. Enroll 4-H members in Livestock Projects.</p> | <p>Place 5 pigs with 4-H members</p> | <p>1. Emphasize the Livestock Projects at 4-H meetings, and discuss with individual 4-H members.</p> |

- in the Cow- 2. Assist 4-H members with Livestock Projects
 Pig-Hen Proj- through farm visits.
 ect. Place 1
 pig in the Ab-
 ington Ruritan
 Club Pig Chain
 Project. Place
 beef animals
 with 3 4-H
 members, 1 as a
 Farm Bureau Chain
 Project.

VIII POULTRY PRODUCTION

A. Situation:

Leading poultrymen are opposed to contracting - by Feed Companies - for egg production. The number of commercial egg producers continues to decline. Very little interest is indicated in broiler production in the County. Few of the egg producers have increased the number of birds. Some producers have changed their operations to include the grinding and mixing of home-grown grains, with manufactured supplement.

At the Planning Dutch Treat Supper Meeting of the County Poultry Committee, poultrymen discussed in detail the County poultry situation, including their problems, and suggestions for improvement. The following objectives were adopted by the Committee at this meeting, attended by Denver D. Bragg, Associate Extension Poultry Husbandman, at V.P.I.:

B. Objectives:

Goals:

Methods:

- | | | |
|---|--|---|
| 1. Increase the number of commercial layers in the County at least 15%. | 5 commercial producers increase flock 15%. | 1. Through regular meetings of the County Poultry Committee, and the county-wide meeting of poultrymen, encourage increase of birds for egg production. a. Through farm visits, news articles, radio programs, and Tours, encourage increase in numbers. |
| 2. Increase production efficiency among producers. | for 10 producers to accomplish this. | 1. Conduct Poultry Tour in July, possibly outside of County. a. Poultrymen meet regularly for a dis- |

3. Better markets for producers through County coordinated efforts of other producers.

Increase selling prices for 6 producers.

discussion of educational subjects to include egg quality, labor-saving equipment, housing and controlled environment. Poultrymen, through coordinated efforts, find better market outlets.

4. Sponsor 4-H Field Day and County 4-H Poultry Judging Team & Egg Grading Team.

To have County, District & State Teams. Place baby chicks with 10 4-H members in the Sears Chick Project.

- a. Sponsor a county-wide poultry meeting of commercial producers on March the 5th.
(1) Obtain Hollis Shomo, Division of Markets as speaker.
2. Conduct the all-day Regional Poultry Meeting in January.
 - a. Invite poultrymen and County Agents in surrounding areas to meeting in Gloucester
1. Solicit the help of adults and Specialists in training 4-H Teams.
 - a. Use past 4-H Club members of the State Team in training Teams this year.
 - b. Make arrangements in January, to begin training the Teams in February.
2. Arrange in May, for the Field Day early in June.
 - a. Meet with the County Committee and Poultry Specialists.
 - b. Discuss prizes with County Committee.
 - c. Announce winners and prizes at the Annual 4-H Achievement Program in November.
 - d. Solicit help of Jr. Leaders in the Poultry Project to visit with the Team, members of the County Poultry Committee, 4-H Poultry Projects on one day in June.
3. Contact hatcherymen in County.
 - a. arrange for members to get chicks for their projects.

IX FORESTRY

A. Situation:

Forestry has become one of the most active phases of the County Extension Program. At a meeting of the

County Extension Forestry Committee, held in January, the members discussed the County Forestry situation. Statistics were submitted relative to bulldozing work, other forestry improvement practices, the amount of drain from the County of hard and soft wood, pulp wood cut, sawmill operations, and some other facts. The Associate Extension Forester, C. E. Gill, at V.P.I., attended this meeting and furnished resource material for discussion. The Committee decided to continue with most of the objectives, however some goals were increased.

B. Objectives:

Goals:

Methods:

- | | | |
|--|---|---|
| 1. Continue the Forestry Club with Forestry Club activities. | Increase the membership to 50. | 1. Encourage 4-H boys and girls to join the Club and to participate in the 4-H Forestry Project 2. Encourage adults through farm and office visits, news articles, AGP Program, Tour, to carry out forestry improvement practices, and become members of the Forestry Club. This to be done in January, February and March. |
| 2. Through the Forestry Club encourage the planting of pine seedlings, and the carrying out of other forestry improvement practices. | Plant 500,000 seedlings in 1959, including 4-H. 350 A. chemical control of undesirable hardwoods. 225 A. 2. bulldozed for pine tree planting. 1000 A. forest stand improvement by thinning. | 1. Assist 4-H Club members in ordering pine seedlings for planting in their 4-H Forestry Projects. Visit these members to give further instruction on planting. <ol style="list-style-type: none"> a. Give information to adults on forestry improvement practices. A.2. Plan in February for a Forestry Tour on March 18th, for Adults. <ol style="list-style-type: none"> a. Arrange with help of Forester of the Va. Division of Forestry, the places to be visited, and the places to be seen. 3. Use Extension Service Forester, the Forester of the Va. Division of Forestry, and a Forester of the Chesapeake Corporation to assist in discussing the different forestry practices. Publicize the Tour through the press, radio, and circular letters. <ol style="list-style-type: none"> a. Start the Tour with a luncheon made possible by the local Bank. 4. Conduct a Forestry Tour for 4-H members on March 19th. Visit the farm of W. N. Gray to see practices: tree planting, killing of nuisance hardwoods, fire lanes, thinning, bulldozing & planting. Give 4-H members special training with the assistance of |

Extension Forester and the Foresters of the Va. Division of Forestry in selection of trees for thinning.

5. Suggest to Community Improvement Clubs forestry practices for their objectives and goals.
6. Arrange in August for a Team to judge the forestry practices of members.
 - a. Visit in September the area of forestry improvements of members of the County Forestry Club.
7. Plan in September, at a meeting of the Executive Board of the Club for details for the annual Forestry Club Banquet in October, to include the awarding of cash prizes from the local Bank of Gloucester and the Chesapeake Corporation, to 4-H members.

I 4-H CLUB WORK

A. Situation:

With the assistance of Miss Evelyn C. Barker, Associate State 4-H Club Agent, at V.P.I., a suggested County 4-H Club Program was prepared. This included a number of changes in conducting the 4-H Club Program in the County. The Program was presented to the 4-H Adult Advisory Committee in December, and was adopted for 1959. The Program includes a schedule of activities for each month on the individual Club basis, the County, and the State.

In January, the County Council meeting was held. Twelve County 4-H objectives were set up by the 4-H members, instruction was given to officers by groups, and a recreational program was held.

B. Objectives:

Goals:

Methods:

1. Re-organize 4-H Clubs and enroll 4-H Club members.

9 Clubs
385 members.
90% members completing projects.
Meetings in Oct., Jan., & April. Each Club have rep-

2. Re-organize County 4-H Council.

1. Re-organize in September and have election of Officers. Members participate in County Fair in September.
 - a. Turn in project books for summer projects; others to be turned in in May.
1. In September arrange for a meeting of the Council in October. At October Council meeting:
 - a. Plan for Achievement Program

resentation and
1 Adult Ldr. at
each Council
meeting.

250 members &
parents attend.

to be held in November.

- (1) award County and District prizes and medals.
- (2) have demonstrations and exhibits for program.
- (3) awards to 2 most outstanding 4-H members in Petsworth Community.
- (4) Ruritan award to most outstanding 4-H member in County.

- b. Training of Officers.
- c. Re-organize Council.
- d. Set up County 4-H Objectives.

2. At Council meeting in January:

- a. Plan programs and demonstrations for Club meetings.
- b. Plan for National 4-H Club Week

4 exhibits-each
4-H member wear
4-H button.

- c. Plan for District Contests in April.

3. At Council meeting in April:

- a. Plan for 4-H Club Sunday.

Hold Services
at 2 Churches
in County.

175 parents &
4-H members at-
tend.

- b. Plan for 4-H Rally Day at Jamestown 4-H Camp in June.

50 4-H'ers to at-
tend Dist. Camp.
Club send Dele-
gate to Camp or
Short Course; 14
boys & girls & 1
Adult Ldr. attend
State Short Course.

- c. Plan for District and State Short Courses.
 - (1) Ruritan Club sponsor 1 scholarship to State Short Course
 - (2) Show slides of District Short Course at May 4-H meetings.

- (3) Plan for County Fair in September.

- | | | |
|--|---|---|
| | 1 member | d. Plan for members to attend State Forestry Camp. |
| | 4 members | e. Plan for members to attend State Conservation Camp |
| | | f. Plan for County exhibit at Electric Congress. |
| 3. Organize a County 4-H Advisory Committee | Hold 2 meetings with 75% ldrs. attending. | At August meeting discuss County 4-H Program, and make suggestions for changes and improvements. |
| | | a. Plan for basis of selecting Banner Club, and award. |
| | | b. Plan supper meeting of Adult and Jr. Leaders. |
| | | 2. At January meeting review County 4-H Program and give emphasis to discussion of judging, demonstrations and achievement phases of 4-H Club Work. Re-organize. |
| 4. Sponsor 4-H "Share the Fun Program". | Each Club have participating at least 10 members | 1. At December meetings announce talent run-offs at Club meetings in January. |
| | | a. schedule County event to elect County winner, in February. |
| 5. Enroll 4-H members in the different 4-H Projects. | 450 Projects- enroll 20. enroll 40. | 1. At the January meetings, list 4-H members who have, and who wish to enroll in, the 4-H Tractor Maintenance Project. Announce the class meeting place, etc., beginning the last Monday night in February. |
| | | a. Hold 4 classes with instruction given by Jr., or Adult, Leaders. |
| | | 2. In February, list members for the Farm and Home Electric Project. |
| | | a. Plan with Adult Ldrs. in February, Electric Classes, articles to be repaired, or made, place to be held, etc. |
| | enter County Teams in District Dairy Judging, Poultry Judging & Egg Grading Contests. | 3. Train members in all projects beginning Jan., Feb. and March. |
| | | a. Obtain assistance of Specialists. |

- | | | | |
|-----|--|----------------------------------|--|
| | demonstra- tions for Jrs. & Srs. in For- estry, Poultry, Electric, Egg Grading, Tractor & Beautification of Home Grounds. | 4. | Train members for demonstrations in Jan., Feb. and March. a. Members give demonstrations for the different Projects at Club meetings in December, February, March and April. |
| 6. | To make All Star Recommendations. | 1 boy and 1 girl and alternates. | 1. In early February, arrange for a meeting of County All Star Chapter members to review and make recommendations. a. Submit the recommendations to the State 4-H Club office by March 1st. |
| 7. | Encourage 4-H members to submit records in competition for District and State awards. | 8 records of members. | 1. Contact in February, 4-H Club members to submit records and assist members in completing records during February and March and submit to State Office by April 1st. |
| 8. | Conduct Community projects. | At least 1 by each 4-H Club. | 1. To remind 4-H Clubs of this objective, and assist 4-H members and leaders in planning for fund-raising events for carrying out County goals with emphasis on carrying out Community projects. |
| 9. | Clubs contribute to Jamestown Camp Fund. | Each Club make contribution. | 1. To remind 4-H Clubs of this objective. |
| 10. | Sponsor 4-H Club Secretary's Contest. | Each Club Secretary participate. | 1. Award cash prizes given by Bank at Achievement Program to the 3 members who have kept the best Secretary's records. |
| 11. | Make available the "National 4-H News". | 20 subscriptions | 1. To be purchased by the Community Improvement Clubs. |
| 12. | 4-H Recreational programs in summer. | 3 events. | 1. Community Clubs sponsor picnics within their area. 2. Work with County All Star Chapter in sponsoring a dance in August for older 4-H Club members. |

XI FARM AND HOME DEVELOPMENT

A. Situation:

At the beginning of the year there were 11 farmers participating in the Farm and Home Development Pro-

gram. Work was started on an individual basis and has continued in this manner. No home development phase is included in the program in the County in 1959, as there is no Home Demonstration Agent, in the county. Work will be continued with these families and new ones are expected to be added in the Program.

| B. Objectives: | Goals: | Methods: |
|---|--|---|
| 1. Work with families in the Farm & Home Development Program. | Families adopt at least 2 recommended practices. | 1. Visit each family at least two times during the year. |
| 2. Work with new families in the Program. | 1/4 families - each adopt at least 1 recommended practice. | 1. After the family has expressed a desire to work with the Program, do the following: <ol style="list-style-type: none"> Analyze his farm situation as to what he has. Discuss his problems as to what he wants, or some of the changes he could make. Recognize the opportunities which he has in carrying out his selected plan to get what he wants. Plan what is to be done this year. |

XIII DAIRYING

A. Situation:

Now there are 4 Dairies operating within the County. There is a need for improvement in quality of forage produced on the dairy farms.

| B. Objectives: | Goals: | Methods: |
|--|---------------------------------------|---|
| 1. Work with Norfolk Milk Producers Cooperative | Continue 100% membership of dairymen. | 1. Discuss problems of marketing and activities of Cooperative with members. |
| 2. Encourage dairymen to participate in the D.H.I.A. | 2 new members | 1. Assist with planning the program for the area meeting of D.H.I.A. to be held in February, and encourage dairymen to attend. <ol style="list-style-type: none"> Assist the Secretary of the D.H.I.A. with letters to all dairymen. |

- | | | |
|--|---|---|
| 3. Work with dairymen for improvement in forage crops. | All dairymen increase feed supplies. | 1. Assist in planning the program for a meet- in on an area basis at which time Specialists would discuss this program. Specialists would also discuss rations and feeding program. a. Use news articles, radio, bulletins and farm visits to inform farmers. |
| 4. Work for improvement in market- ing practices including bulk tank. | All dairymen using bulk tanks. | 1. Discuss this at meetings of dairymen held in this area. a. Assist dairymen in change-over to bulk tank With the assistance of Adult Leaders begin training in January, for the County Dairy Judg- ing Team. a. Hold regular classes for training the Dairy Judging Team. b. Revive Ruritan Chain and place purebred calf with 4-H member. |
| 5. Encourage more 4-H Dairy Projects. | Place purebred 1 calves with 3 4-H members. | 1. Arrange for visiting of farms for testing by local Veterinar'ian, and assist him. a. Give publicity relative to the advan- tages of the program. |
| 6. Work to keep Certified Bruscello- sis-free County. | All cattle tested by May. | |

XIII HORTICULTURE

A. Situation:

The problem of producing disease and insect free fruit continues to be the most serious problem among home gardeners. Many vegetable gardens are grown throughout the County. However, there is a need for more gardens, and for many more gardeners to use improved varieties and more varieties of vegetables. Many problems continue to exist with the flower growers, especially with the marketing. Through their organization, The Virginia Flower Growers' Association, it is expected that some of the problems can be corrected, especially in the handling and grading of flowers.

B. Objectives:

1. Encourage the growing of disease and insect free fruit and vegetables, also new varieties of fruits and vegetables, and more vegetables in the home garden.

Goals:

25 farmers adopt new recommended practices.

Methods:

1. Give publicity on available information on spraying to control disease and insects, through radio, press, news articles, and the weekly "County Agent's Column".
a. Provide home owners with the special bulletin on "A Spray Program for Home Gardeners".

- | | | |
|---|--|---|
| <p>2. Work with daffodil growers to make improvements in marketing practices.</p> | <p>Most of the growers make improvements in handling of flowers.</p> | <p>b. Encourage Community Improvement Clubs to include this objective in their Community Objectives, and assist Club to obtain speakers and provide information from the County Agent's Office. Assist Officers of the Virginia Flower Growers' Association in arranging meetings in January and February at which time marketing problems would be discussed.</p> <p>a. Assist in obtaining Specialist assistance.</p> |
|---|--|---|

XIV SOIL & WATER CONSERVATION & WILDLIFE

A. Situation:

Farmers generally have realized the importance of following good soil conservation practices in the farm operations. However, there is some acreage of crop land which should be put into permanent cover, or pine seedlings, using the assistance offered by the ASC and Soil Bank Conservation Reserve Programs. Some phases of soil and water conservation have been included in the agronomy program and in the forestry program. The problem of deer hunters continues to be a problem with many landowners throughout the County.

B. Objectives:

| Objectives: | Goals: | Methods: |
|--|---|---|
| <p>1. Encourage more farmers to use more soil and water conservation practices; also wildlife improvement practices.</p> <p>a. Assist Soil Conservationists in preparing the County Inventory of Soil and Water Needs.</p> | <p>At least 20 farmers adopt recommended practices.</p> | <p>1. Work with the Soil Conservationist and the Tidewater Soil Conservation District in promoting soil conservation practices.</p> <p>a. arrange to visit as a demonstration a practice on the Agronomy Tour in August.</p> |
| <p>2. Increase participation in the ASC Program.</p> | <p>15 new farmers use ASC Program.</p> | <p>1. Assist County ASC Committee in setting up conservation practices for the County.</p> <p>a. encourage farmers through letters, news articles, radio and press to participate in the ASC program.</p> <p>2. To attend County meetings of the County ASC Committee and assist with the operation of the ASC Program.</p> |

3. Work with Game Commission and landowners to encourage establishing of game reservations for hunt clubs.
4. Provide 4-H Club members in the Wildlife Project with seed; also provide adults with seed for planting to provide food and cover for wildlife; seed to be obtained from the Game Warden.

XV FARM BUILDINGS & MECHANICAL EQUIPMENT

A. Situation:

With an increase in beef cattle, hogs and other livestock in the County, there is need for more storage space for grains produced on the farm, and more equipment and other facilities for handling.

The proper care and maintenance of farm machinery and other equipment should be given more attention by many of the farmers.

E. Objectives:

Goals:

Methods:

- | | | |
|---|--|---|
| 1. Encourage farmers to provide more storage space for home-grown grains. | 10 new buildings, or storage facilities. | 1. To provide plans for construction of buildings and materials handling equipment. a. Through publicity advise farmers of available plans from the Agricultural Engineering Department at V.P.I. b. Arrange in July to visit storage facilities on a farm on the Agronomy Tour in August. c. To provide plans and encourage construction of trench or bunker silos to provide for more silage, especially among dairymen. d. Arrange for holding in January an Agricultural Engineering Meeting for discussion, by Agricultural Engineers, "Extension Agricultural Engineering Projects for 1959". |
| 2. Encourage farmers to provide proper facilities for handling and feeding of all types of livestock. | 5 farmers make improvement. | 1. On Livestock Tour in July visit farm to see different feeding practices for hogs, and different equipment used in feeding and management. |

- | | | |
|---|--------------------------------|---|
| 3. Encourage better use in the care and repair of farm machinery. | 5 farmers adopt new practices. | 1. Encourage through the h-h Tractor Maintenance Project and Classes held in March. a. Use publicity through press and radio in September, before harvesting, and farm visits, and also in November relative to repair and storage of equipment. |
|---|--------------------------------|---|

XVI PLANNING & MANAGEMENT OF FARM BUSINESS

A. Situation:

Many farmers look to the County Extension office for information on agricultural outlook, farm records, farm planning and organization, new sources of income, obtaining farm labor, obtaining credit, income taxes and Social Security. An effort is made to provide information concerning the many different requests, or the proper referral is made.

B. Objectives:

Goals:

Methods:

- | | | |
|--|-----|--|
| 1. Provide information on agricultural outlook, farm records, farm records, farm planning, using credit partnership agreement, obtaining farm labor and income tax accounting and Social Security. | 225 | 1. Through news articles, radio, circular letters and meetings, agricultural outlook will be provided. This is done in December, January and February. Farmers will be assisted in analyzing their records and in making adjustments mostly through farm visits. a. Record books and proper forms will be provided for special record keeping. b. Farmers will be encouraged through press and radio, office and farm visits, to keep records for benefit of farm planning, income tax and Social Security filing. c. Publicity will be given to the availability of the "Farm Record" books. 2. Through office and farm visits, and meetings, farmers will be advised relative to supplemental sources of income. Also information will be given relative to obtaining credit, and proper referrals made. |
|--|-----|--|

3. Relative to farm planning - this will be done through the Farm and Home Development Program, and also with other farm and office visits.

XVII THE HOUSE, SURROUNDINGS, FURNISHINGS & EQUIPMENT

A. Situation:

In the County are many residences without water pressure systems, especially among the lower income families. The need continues also for improvement in lighting in the home and on the farm. Interest is increasing among families for improvement in landscaping.

B. Objectives:

| Goals: | Methods: |
|---|---|
| <ol style="list-style-type: none"> 1. Work with farm families for improvement in water pressure systems, and lighting. | <ol style="list-style-type: none"> 1. Advise farmers and home makers of the availability of the Power Company representatives to give assistance, through publicity, meetings of the different Organizations, and farm visits. 2. Arrange for the Agricultural Representatives of the Power Company to meet with the Community Improvement Clubs. 3. Work with the 4-H Club members enrolled in the Farm and Home Electric Project through classes held in connection with the Project. <ol style="list-style-type: none"> a. encourage better care of home electrical equipment through this Project. 4. Through 4-H Club Farm and Home Electric Project, assist members in making articles for improvement in lighting, and provide information relative to the care of equipment in the home. 5. Assist Community Improvement Clubs in setting up objectives and goals for carrying out this objective. |
| <ol style="list-style-type: none"> 2. Improvement in landscaping | <ol style="list-style-type: none"> 1. Work through Community Improvement Clubs in assisting with programs on "Landscaping" in March and April meetings. |

- a. Provide members of the Clubs with specific information.
2. Provide 4-H Club members enrolled in the Home Grounds Beautification Project, information for better landscaping of home grounds.

XVIII HEALTH, FAMILY LIFE AND SAFETY

A. Situation:

Relative to health, improvement is needed in sanitary conditions and drinking water. A need is recognized also for more recreation in the Community, and improvement in Safety.

B. Objectives:

1. Improvement in health, family life and safety.

Goals:

15 families

Methods:

1. Assist members of the Community Improvement Clubs with planning objectives in January to include improvement in health, also recreational programs and facilities.
2. Advise 4-H Club members at meetings the services offered through the Health Unit, such as taking water samples, services for disposal system, etc.
3. Community Improvement Committees obtain Representatives of the Health Unit to speak at February and March meetings on the services offered.
4. Through 4-H Club Projects encourage Safety in the home and on the farm. Discuss Safety Project with Ruritan Club.

XIX CONCLUSION

An effort has been made to include all phases of the Extension program, and specific plans for carrying out this Program. More emphasis has been given to specific goals and methods of accomplishing the goals. Adult Leaders and Junior Leaders have helped in planning the objectives for the Extension Program for the County for 1959.

PROJECTS FOR 1959 BY MONTHS

ember 1958

Arrange for Regional Poultry Meeting to be held in January.

Arrange for County 4-H Council Meeting in January.

a. Plan programs & demonstrations for 4-H Club meetings.

b. Plan for National 4-H Club Week 2/28-3/7/59.

c. Plan for District Contests in April.

Arrange meeting of County 4-H Advisory Committee.

a. Re-organize, & discuss County 4-H Program, & discuss judging, demonstrations, etc.

At December 4-H Club meetings announce talent run-offs at meetings in Jan.

Members give demonstrations for different Projects at 4-H Club meetings.

Through publicity, letters, and meetings, agricultural outlook will be provided in Dec.

January 1959

Regional Poultry Meeting.

County 4-H Council Meeting.

County 4-H Advisory Committee Meeting.

Talent run-offs at Club meetings.

4-H members give demonstrations at Club meetings.

Make arrangements to begin training Poultry & Egg Grading Teams in February.

Encourage adults through farm and office visits, news articles, ACP Program, Tour, to carry out forestry improvement practices, and join Forestry Club.

At 4-H meetings, list 4-H members interested in T.M. Project. Announce class meeting place, etc., beginning last Monday night in February.

Train members in all projects, including 4-H Dairy Judging Team, obtain Specialists.

Train members for demonstrations.

Assist with planning the program for the area D.H.I.A. meeting in February.

Assist with meetings of Va. Flower Growers' Assoc. in Jan. & Feb.

Hold Agricultural Engineering Meeting for discussion by Specialist, of "Extension Agricultural Engineering Projects for 1959".

Through news articles, radio, circular letters and meetings, agricultural outlook will be provided in January.

Assist members of the Community Improvement Clubs with planning objectives in January to include improvement in health, also recreational programs & facilities.

Arrange to obtain representatives of the Health Unit to speak at February and March meetings of the Community Improvement Clubs.

February 1959

Begin training Poultry Judging & Egg Grading Teams.

Encourage adults through farm and office visits, news articles, ACP Program, Tour, to carry out forestry improvement practices, & join Forestry Club.

Plan for Forestry Tour on March 18th for Adults.

Plan for Forestry Tour on March 19th for Junior members (4-H & FFA)

Plan with Adult Ldrs. Electric Classes, articles to be repaired, or made, mtg. place, etc.

Train 4-H members in all Projects.

Schedule County "Share the Fun Program" to elect County winner, in February.

Train 4-H members for demonstrations.

a. Members give demonstrations at Club meetings.

Arrange for meeting of County All Star Chapter to review and make recommendations for membership in State All Star Organization, & submit by March 1st.

Contact 4-H Club members to submit records & assist in completions during February & March & submit by April 1st.

February, 1959 Continued

Visit Middleburg

Arrange & hold County Board Supper.

Through news articles, radio, circular letters & meetings, agricultural outlook will be provided.

Start Tractor Maintenance Classes for 4-H.

Obtain speaker on "Landscaping" for March meeting of Community Improvement Clubs.

March 1959

Conduct demonstrations beginning in March

a. continue demonstration on light soils - Jack Leiffer.

b. continue demonstration on heavier soils - Charles Bristow

c. demonstration on using additional nitrogen on corn - Herman Horsley

d. demonstration on using additional nitrogen on corn - Henry Rilee

Encourage adults through farm and office visits, news articles, ACP Program, & Tour to carry out forestry improvement practices, & join Forestry Club.

Forestry Tour for Adults on March 18th.

Forestry Tour for Jr. members on March 19th.

Plan 4-H County Council Meeting for April.

a. Plan for 4-H Club Sunday in May.

b. Plan for 4-H Rally Day at Jamestown Camp in June, & attendance at Camps, Short Course

Train 4-H members in all Projects.

4-H members give demonstrations in Club meetings.

Hold T. M. classes.

Continue training 4-H Teams, in Poultry, Egg Grading & Dairy.

Poultry meeting of commercial producers on March 5th.

a. Obtain Hollis Shomo as speaker.

Hold Electric classes.

Arrange for Dairy Judging Clinic.

Arrange for custom sheep shearing.

County-wide "Share The Fun Program".

1. 1959 h. Arrange corn varietal demonstrations.

Have demonstration with lime in rotation - Sam Janney.

Hold 4-H County Council meeting.

4-H members give demonstrations at Club meetings.

Continue training 4-H Teams, in Poultry, Egg Grading & Dairy.

Train 4-H members in all Projects.

District 4-H Contests.

Arrange soybean varietal demonstrations.

1959

Turn in some project books.

Plan for 4-H Rally Day in June.

4-H Club Sunday.

Show slides of District Short Course at 4-H Club meetings.

Plan for Short Course.

Arrange for a Poultry Field Day in June.

Continue training 4-H Teams, in Poultry, Egg Grading & Dairy.

1959

State Short Course.

Arrange Poultry Tour in July.

1959 Continued

h-H Rally Day at Jamestown Camp.

Poultry Field Day.

Arrange for Swine School and Tour in July, & visit recommended practices.

Make arrangements for h-H members to attend Conservation & Forestry Camps in July.

1959

Arrange for Agronomy Tour to be held in August. Arrange demonstrations. Obtain 2 Spec.

Arrange to visit Warsaw Research Station in August or September.

Hold Poultry Tour.

State Forestry Camp.

State Conservation Camp.

Plan for County exhibit in Electric Congress in August.

Plan for meeting of County h-H Advisory Committee:

a. Discuss County h-H Program & make suggestions for changes & improvements.

b. Plan for basis of selecting Banner Club & award.

c. Plan supper meeting of Adult & Jr. Leaders.

Work with County All Star Chapter in planning a dance in August for older h-H'ers.

Arrange in July to visit storage facilities on a farm on the Agronomy Tour in Aug.

Hold Livestock Tour & Swine School.

Community Improvement Clubs sponsor picnics within their area for h-H'ers.

Plan for District Short Course, in August.

1st 1959

Hold Agronomy Tour. Visit demonstrations on lime in rotation - Sam Janney; sod waterway & tile drainage, silage, supplementary pasture, alfalfa & Bermuda Grass, hog-feeding, Visit Warsaw in August or September.

Arrange in August for a Team to judge the forestry practices of Club members.

Plan for County Fair in September.

Electric Congress - County exhibit.

Meeting of County h-H Advisory Committee.

Dance for older h-H'ers, by All Star Chapter

Plan to use publicity in September before harvesting encouraging better use in the care & repair of farm machinery.

2nd 1959

Hold County Fair.

Visit Warsaw.

Re-organize h-H Clubs in September & have election of Officers.

Turn in project books for summer projects.

Arrange for a meeting of the County Council in October to plan for Achievement Program to be held in November, for training of Officers, re-organize Council,

Plan for Annual Banquet of Forestry Club in October.

Visit Forestry improvement areas of Forestry Club members, and score them.

3rd 1959

Hold h-H County Council meeting.

Arrange for h-H Achievement Day.

Annual Banquet of Forestry Club.

4th 1959

Hold Annual Achievement Day for h-H.

Use publicity relative to repair and storage of equipment.