1961 PLAN OF WORK

H. A. Holmes
County Agent

I. B. Wilson
Assistant County Agent

Earl W. Boozer
Assistant County Agent

I. HOW THIS ANNUAL PLAN OF WORK WAS DEVELOPED

We know from experience that we must have well organized committees to plan each phase of the county's agricultural program. Therefore, we have used a number of committees with knowledge of local conditions and knowledge pertaining to each phase of agriculture that they have been assigned to. We have used these committees and assistance from the county's professional agricultural workers. Also, a number of Extension Service Specialists have helped us plan this program. The committees that we used in setting up this program include:

A. Livestock
B. Soil and Water
C. Forestry
D. Agronomy
E. Dairying
F. Poultry
G. Farm Management
H. Youth

II. LIVESTOCK

A. Committee Members:

1. H. D. Vaughan
2. Armstead Harvie
3. Jimmy Hamner
4. R. L. Blanton
5. W. C. Jackson
6. O. B. Ward
7. L. O. Scott
8. C. D. Weisiger

B. Objectives:

1. Carry on a program of sanitation and parasite control in all classes of livestock.
2. Encourage the use of better purebred males in all classes of livestock.
3. The Committee supports and will help to get a large group of livestock producers to attend the livestock school to be held in Blackstone in March.
4. Plan to arrange a tour of the Beltsville, Md. Experiment Station by the livestock producers of Amelia County to see some of the latest work being carried on in the production of livestock. This tour to be held in May.
5. Put on an educational program in Amelia County to get everyone to vaccinate animals against diseases, especially hogs.

C. Methods of Extension Teaching

1. The livestock committee agreed to contact farmers in the county to get them to attend the Farm and Home Institute to be held in Blackstone Methodist Center on March 28, to

attend the livestock section, where they will receive information on parasite control, handling and storing forage, marketing livestock, and management of livestock.

2. The committee plans to arrange a tour to Beltsville, Maryland, U.S.D.A. Experiment Station in May to see some of the livestock work being carried on.
3. The committee will visit livestock farms to select calves for the Feeder Calf Sales, feeder pigs for the feeder pig sales and cattle for the fat cattle sales with the county agent.
4. Take interested producers to the various bull sales to look at, and to purchase herd sires; especially the R.O.P. sales at Culpepper and to the Richmond Capitol Bull sale in order to improve the herds of our producers.
5. The Extension Agents will assist the sheep producers in securing a commercial sheep shearer to clip the wool from sheep of those producers who have not learned to shear their own sheep.
6. The Blackstone Wool Pool Association has been organized and officers elected from the producers. The county agent will assist with the Amelia sheep group, and will also assist the association in conducting meetings and in arranging for the collecting of wool for the wool pool.
7. The Amelia County Fair will be held in the fall of 1961, and every effort will be made to have a large livestock exhibit in this fair - with classes in beef, swine, and sheep.

8. The 4-H pig chain will be conducted as a teaching aid for 4-H members, and also, as a source of good meat type boar replacements.

9. Plans will be furnished to livestock producers on the construction of cattle feeding barns, sheep barns, pig parlors, feed racks etc.

10. The local papers, T.V. and radio will be used as often as possible to bring information to the livestock producers on feeding, parasite control, breeding, and marketing.

11. Farm Records will be stressed on every livestock farm in order that the farmer will know at the end of the year where he failed and where he improved.

III. SOIL AND WATER CONSERVATION

A. Committee Members

1. J. E. Dodson
2. P. B. Childress
3. E. E. McMillian
4. J. A. Hillsman
5. Douglas Hamlett
6. J. E. Ford
7. T. W. Fleming

B.. Objectives

1. The committee endeavors to raise funds to sponsor a teacher to one of the Conservation of Natural Resources Short Courses to be held at V.P.I. and William and Mary.

2. Give more emphasis to water management and conservation by urging all farmers:

   a. To practive contour farming on all crop land

   b. To incorporate more organic matter into the soil through heavier cover crops and better rotations.

c. To work for tighter hay and pasture sods and heavier leaf mold cover in the woodlands.

d. To construct irrigation ponds or reservoirs to catch and conserve surface water for future use.

3. Increase interest in the water shed program through the local organizations in the county.

4. Recommend to the Piedmont Soil Conservation District Supervisors that they hold one joint meeting at the beginning of each year at which time they will invite the A.S.C. County Office Managers, the A.S.C. Committees, and County Agents to help plan the district-wide objectives.

5. Work with the ministers, church laymen, youth groups, newspapers, television, and radio by furnishing material and equipment for observance of Soil Stewardship week in the county.

6. Have a farm tour to point up the needed conservation practices in the county.

C. Methods of Extension Teaching:

1. The committee will endeavor to secure scholarships for teachers who will attend one of the Conservation Short Courses offered in 1961. Brochures of the schools will be sent to all principals and to the superintendents of schools. Teachers will also be given information on these summer school courses.

2. The committee plans to visit individual farms to point out the need for
   a. Contour farming to prevent erosion
   b. Turning cover crops to incorporate organic matter into the soil to hold moisture and to plan to use rotation of crops.
   c. To advise farmers on the location of farm ponds to conserve water for future use.
3. Radio programs and newspaper articles will be used to stress conservation practices.
4. A farm tour is planned to point out conservation needs and how to remedy them. This will be planned by the committee with stops to point out different needs.
5. Programs have been planned which will be given to the Ruritan Club, P.T.A., Lions Club and other Civic Clubs in the county.
6. All ministers will be visited and furnished with material from which they can prepare a sermon on soil stewardship.
7. A land appreciation school will be held for 4-H and F.F.A boys to teach them the value of our soils and how best to use them and conserve them.
8. The committee plans to arrange a tour of one of the completed water-shed projects, and invite all of the land owners involved in the Nibbs Creek water-shed to take part. We beleive this may stimulate more interest in the Nibbs Creek water-shed project and might hasten its completion.

IV. FORESTRY

A. Committee Members

1.T. W. Fleming	P. B. Childress
2. Russell Joyce	J. E. Dodson
3. Leander Scott	Ephraim Anderson
4. H. Earl Mann	Douglas Anderson
5. J. A. Lawrence	R. F. Lane
6. R. G. Turner	U. K. Franken
7. H. D. Vaughan	John Vaughan

B. Objectives

1. Hold a forestry tour in December to show what a farmer can expect to accomplish in his own wood lot by seeing examples of forestry improvement in the county. Things that would be shown on the tour are:

   a. Poisoning and planting

   b. Stands that need thinning and income to be derived from the thinning operation.

   c. Show stands of varying ages and the rate of growth of these stands.

2. The committee agreed to sponsor a Junior Forestry Contest open to anyone under eighteen years old.

   a. Each contestant would poison or kill the undesirable trees on at least one-half acre and plant to pine.

   b. The prizes to be offered by the Forestry Committee would be as follows:

      First Prize - $15.00
      Second Prize - 10.00
      Third Prize 5.00

   c. A committee would be formed to judge this contest to be appointed by the Forestry Committee.

3. Each member of the Forestry Committee agreed to look over the county and find examples of good forestry practices which they would recommend in a letter to the County Agent

C. Methods of Extension Teaching

1. The committee plans to hold a forestry tour of Amelia County with stops to point out poisoning and planting, stands that need thinning, and the income to be derived from the thinning operation, and stands that the rate of growth has been stimulated by thinning.
2. The forestry committee will hold a Junior Forestry Contest in 1961, open to anyone under 18 years old. Prizes will be offered by the Forestry Committee. This is to stimulate interest among our young people in the value of forestry.
3. The forestry committee will visit landowners to point out to them things they might do to promote better forest management on their farm.
4. The County Agent will publicize the help farmers can receive through the A.S.C. Office in carrying out certain forestry practices.
5. The radio and newspapers will be used to promote forestry in the county as well as stories of farmers who have done a good job of managing the farm wool lot.
6. Forestry seedling applications will be mailed to all landowners from the County Agents Office
7. The County Agents will arrange to have extension foresters

to go over their timberland whenever they plan to sell timber or desire to do some forestry improvement work.

V. AGRONOMY

A. Committee Members

1. G. B. Lush
2. P. B. Childress
3. R. E. Williams
4. J. E. Dodson
5. John F. Woodâ
6. Robert Kerr
7. E. H. Barnard
8. T. Lewis Morris
9. T. W. Flemming
10. Ralph Saunders

B. Objectives

1. Hold demonstrations in the county to show farmers how to control weeds and insects in alfalfa.
2. Hold farm tour to see results of demonstrations on fertilizer, insect control, and weed control.
3. Increase corn yields from 40 bu. to 60 bu. per acre.
4. Get at least 160 acres increase in alfalfa acreage in the county.
5. Get those farmers who can't grow alfalfa to grow red clover as a substitute.
6. Hold corn fertilizing demonstrations during 1961
7. Hold a tour during 1961 to the experiment station to see results of agronomy demonstrations.
8. Get more farmers to use one of the herbicides for control of weeds in corn.
9. Have one dark tobacco variety demonstration in the county using all recommended varieties.
10. Have one flue tobacco variety demonstration using all recommended varieties to compare.

C. Methods of Extension Teaching

1. Will hold demonstrations in the county on the control of weeds and insects in alfalfa.
2. Hold 8 corn fertility and weed control demonstrations in 1961 to show what effect proper fertility will have on yields, as well as what effect good weed control will have. Records will be kept and tours will be make to these locations where the demonstrations will be explained. Signs will also be put up at the demonstrations to show what analysis and amount of fertilizer was used, as well as what type of herbicide was used.
3. We will continue the soil testing program started in 1960, and will place soil testing sheets, boxes, tubes, and instructions for taking samples in 13 locations in the county for farmers to pick up and we will collect samples from these locations each week.
4. For those farmers who do not have suitable soil types or land that is poorly drained, we will assist them in growing more red clover and other crops in the place of alfalfa.
5. The committee felt that we should get more farmers to take part in tours of the experiment stations at Charlotte C.H., The Chatham Experiment Station, and the Middleburg Experiment Station. A special effort will be make this year to get a large group to attend at least one of these stations to observe what is being done with varieties, fertilizing and rotation.

6. We will set one dark tobacco variety demonstration in the county.
7. We will set up one flue tobacco demonstration in the county to compare varieties.
8. The agents will write feature articles and take pictures of good agronomic practices in the county, as a means of pointing out good agronomic practices.
9. Get farmers to use good seed by furnishing them with information on the advantages of good seed and information on the seed certification program, and where they can get good seed.
10. Furnish all farmers with the latest information on weed control in small grain, pastures, corn, lawns, and vegetable gardens.
11. Hold a land judging school for 4-H members and select a team to participate in the district 4-H Land Judging Contest.
12. Get as many farmers as possible to attend the Institute of Rural Affairs, where they can take part in the sessions on Agronomy.

VI. Dairying

A. Committee Members

1. Marvin Watkins
2. Garland Morris
3. George Ashman
4. Howard Whittington
5. Charles Moyer, Jr.
6. Charles Moyer, Sr.
7. Tom Stark, Jr.
8. Ralph Saunders
9. Ralph Whitaker

B. Objectives

1. Get dairymen of Amelia County to grow more silage than they have in the past; since silage is one of the cheapest sources of high quality nutrients.
2. Try to get all dairymen to go on D.H.I.A., or one of the other record keeping programs.
3. Stress the importance of identifying each heifer so dairymen can do a better job of breeding and can keep up with family information.
4. Raise the average milk production in Amelia County to 10,000 lbs. per cow.
5. Tour the county corn demonstrations plots during the summer.
6. Hold a county-wide tour of the county dairy farms so that dairymen can get ideas from each other.
7. Have four dairy meetings during the year with a planned program at each meeting. One of these will be the animal meeting and will be a dinner meeting.

C. Methods of Extension Teaching

1. Hold a D.H.I.A. analysis meeting at which time all D.H.I.A. members will be asked to bring record books and a specialist from the Dairy Department will go over the books to point out ways of improving production and cutting cost of producigg milk.
2. Hold a dairy tour of Amelia County so dairymen can see what other dairymen are doing and they can exchange ideas on forage production, housing, milking and storage of grain.

3. Hold four dairy meetings during the year with a planned program for each meeting. One of these meetings will be the annual meeting at which time officers will be elected and dinner will be served.
4. A large group of dairymen will be contacted about the Farm and Home Institute in March, to be held at the Blackstone Methodist Center, and an effort made to get as many as possible to attend.
5. Furnish dairymen information on mastitis control each month.
6. Get more of our dairymen to test in the D.H.I.A. or some other program to help them do a better job of feeding for production and culling out the boarders.
7. Information on all of the sires at the artificial breeding center will be furnished to dairymen and an effort will be made to get them to use this service more as a means of breeding up their herds for higher milk production and as a means of disease prevention and a savings in cost.
8. Have 10 dairymen to attend the Dairy Short Course at V.P.I. this year.
9. Have 15 dairymen to attend the State Dairy Convention in Roanoke.
10. Get all dairymen to keep breeding and freshning dates of their cows so that a 60 to 90 day rest period will be observed before breeding again. This will materially increase the conception rate on first services.

11. Have one program during the year on disease and parasite prevention in the dairy herd, by Dr. S. L. Kalison or some other qualified person

12. Have a large dairy show at the county fair, where farmers can get training in fitting and showing, as well as 4-H and F.F.A. members.

13. Have a program during the year on forage production and storage.

14. Get at least six dairymen to take part in the electronic record keeping program during the year and have a meeting at the end of the year to go over the yearly summary.

15. Use every means possible to encourage dairymen to use more silage in the feeding program as a source of a cheap feed, high in nutrient quality and economical in cost.

VII. POULTRY

A. Committee Members

1. U. K. Franken
2. J. B. Willson
3. Tommy Flippen
4. Roy Whittingbon
5. Chuck Flippen

B. Objectives:

1. To get egg production a a more profitable basis in Amelia County.

2. To control disease and parasites in poultry flocks.

3. To encourage the use of improved housing for layers.

4. To encourage the use of better egg handling equipment in order to improve egg quality.

5. Develop stable markets for poultry products in the county

C. Methods of Extension Education

1. Have all poultrymen to attend area meetings on the production of quality eggs.
2. Hold county meetings to discuss local problems concerning the production of eggs and broilers.
3. Have specialist from V.P.I. to visit poultry flocks to advise them on ways of improving housing, lighting and equipment for production of quality eggs.
4. Furnish plans from the engineering department of V.P.I. to all poultrymen who biild new houses.
5. Encourage all poultrymen to wear rubber boots when going into a house. This will also apply to the county agents and visitors.
6. Use the mail, radio and newspapers to keep poultrymen informed on the latest information on quality egg production.
7. Visit poultrymen to advise on individual problems with the flock.

VIII. FARM MANAGEMENT

A. Committee Members

1. G. B. Lush
2. Dr. J. L. Hamner
3. J. G. Dickerson
4. W. R. Reames
5. R. E. Williams
6. George Ashman
7. Robert Kerr

B. Objectives

1. Have farmers determine the cost of farming through a record keeping program.
2. Have farmers keep cost account records on various crops to determine which are most profitable.
3. Help farmers determine whether it cost more or less to grow silage over hay or oats over barley, etc.
4. Bring about an awareness in the county on the need of having a will.

C. Methods of Extension education

1. Have thirteen or more farmers to enter the electronic record keeping program as a means of determining where they are failing or progressing in farming.
2. We will get some farmers to run experiments on their farm to determine the cost of producing silage as compared to producing hay as well as cost of producing barley or compared to producing oats. Other crops will be done the same way.
3. At the end of the year we will hold a meeting of farmers and invite Mr. Kenneth Loope, or some other specialist to show them how to analyze their farming operation. The farmers will be asked to have certain information with them at the meeting to work with.
4. Have a county wide meeting in March to discuss the need of having wills and deeds. The local attorneys and a specialist from V.P.I. will be available to discuss this topic. The idea being to create an awareness on the part

of the people present of the great need of preparing a will or deed in order to prevent so many complications in settling estates.

IX. COUNTY EXTENSION PROGRAM - YOUTH

A. Organization

1. County Youth Committee:

Amelia County Youth Committee is known as 4-H Club Advisory Committee. Committee Members are 4-H Club leaders and 4-H County Council Members: Mrs. J. R. Whittington, Mrs. G. B. Lush, Mrs. Wheeler Watkins, Mrs. George Anderson, C. B. Goodman, Tom Lewis, and George McKesson.

The Committee will meet once or twice in 1961. The first meeting will be early in January and will work with 4-H County Council on plans for IFYE Delegate. Agents also plan to discuss individually and as a committee, needs of youth in county and analyzing conditions to find means of making 4-H club work meet the needs of youth of Amelia County. Also, to study present 4-H Program for Amelia County, to consider and make recommendations for needed changes.

2. 4-H County Council:

Amelia County has an active 4-H County Council. Three meetings will be held in 1961 - January, July, and November. The membership is made up of all officers of all 4-H Clubs in the county and club leaders.

In 1961 the County Council will plan special events for the county as, County Share The Fun Program and Five County County Share The Fun Program, Rural Life Sunday, prepare educational booth for County Fair, sponsor one event for the County Community Building, and plan for 1961 National 4-H

Week, Public Speaking and Awards Program, and county contests. Also, with leaders compose program planning committee to plan 1961 program.

3 & 4. County All Stars and Honor Club

Amelia County organized an Honor Club sponsored by County All Stars in 1959. Honor Club will sponsor special meeting on opportunities and awards available to 4-H Club members to stimulate interest in Achievement and Demonstration Contests. New members to be taken in at County Program in June. Goal - 3 meetings in 1961.

B. 4-H Project Work

Project:	Topics to be Included:	Number of Clubs, Groups Involved
Electricity	Electrical terms Electrical safety Christmas decorations Lighting - bulbs Lighting Home study center Care of Equipment Work shop on repairs	Amelia School Clubs - 7 groups 3 Community groups - Mattoax, Painville, Amelia, Sr.

Goals	What the Members are to learn	Plans for Carrying out project	Notes on Results, Adjustments, Accomplishments
To make families reached, aware of service of electricity Families to eliminate hazards. To create situation where interested club member may complete outstanding electric projects. To learn how to use electricity efficiently.	How to check home and farm, and eliminate hazards found. Opportunities club members have for recognition. To have energy by using electricity. How to care for equipment. What is good lighting. Importance of electricity.	8 monthly demonstrations in school clubs. 10 demonstrations in community clubs. Tours - 1 County tour in June. Movies in all club meetings. Use resource people in monthly programs, VEPCE & REA Club contest in May with awards. News articles News letters Bulletins follow up other methods.	

2. Dairy Project

A. Objectives:

To develop a dairy program that will afford instructions in feeding, dairy herd management, fitting, showing, and judging.

B. Methods of Extension Education:

1. Secure good dairy calves that the club members will be proud of and that will be representative of the breed.
2. Continue sponsoring a registered 4-H dairy chain in the county.
3. Have a dairy judging team to enter the District Dairy Judging Contest.
4. Have training sessions on dairy judging.
5. Invite two 4-H dairy project members to each quarterly D.H.I.A. dinner held.
6. All dairy project members to exhibit at fairs.

3. Beef Project

A. Objectives:

1. To teach proper sanitation and disease control.
2. To teach proper feeding and management.
3. To teach judging and selection of beef cattle.

B. Methods of Extension Education:

1. Beef cattle association members to serve as adult 4-H leaders in working with the boys in advising them on feeding, sanitation, disease control, fitting and showing.

4. Swine Project

A. Objectives:

1. Teach the club members how to pasture swine.
2. Teach proper care of sow and litter at farrowing time.
3. Teach proper feeding of swine.
4. Teach judging and selection of swine.

B. Methods of Extension Education

1. We have a Sears Pig Chain in the county that has been a big help in teaching the proper care of swine because each boy is judged on facilities, feeding, management and the pig itself.
2. Encourage all project members to build a proper farrowing house.
3. Teach proper feeding of swine to club member.
4. Teach sanitation and control of internal and external parasites.
5. Have club members exhibit at the County Fair.

5. Crop Projects

A. Objectives:

1. Teach club members proper fertilization, selection of soil, etc.
2. Teach new varieties and where they should be grown.
3. Teach what to use to control insects and diseases.

B. Methods of Extension Education:

1. Have a disease and insect clinic for club members and adults.
2. Take club members to demonstration on varieties

and disease and insect control.

3. Have club members to visit experiment stations.

6. Forestry Project

A. Objectives:

1. Teach club members the valus of our forest.
2. Teach club members how to poison undersirable hardwoods.
3. Teach club members how to measure timber.
4. Teach club members how to plant pind seedlings.

B. Methods of Extension Education

1. Have training sessions on forestry management.
2. Visit some local sawmill and pulp mill to show the club members what is utilized from our forest.
3. Have oneboy enter District Contest.

7. Automotive Project

A. Objectives:

1. To help boys and girls to develop an understanding of the importance of motor vehicles
2. An understanding and appreciation of motor vehicle laws and traffic laws.
3. A clear knowledge of highway safety and courtesy.
4. An awareness of the vocational opportunities in the automotive field.
5. An understanding of the economics involved in purchasing and operating an automobile.

B. Methods of Extension Education

1. Have 8 classes for hhe members enrolled.
2. Have professional people to conduct the classes

such as State Trooper, County Judge, Insurance Agents, and automobile dealers.

3. Encourage each member to keep good records to be submitted for achievement awards.

8. Light Horse Project

A. Objectives

1. Develop leadership, initiative, self-reliance, sportsmanship, and other desirable traits of character.
2. Experience the pride and responsibility of owning a horse
3. Acquire skill in horsemanship and patience and understanding in handling horses.
4. Appreciate horseback riding as a healthful and wholesome form of recreation.

B. Methods of Extension Education

1. Have classes on caring for and riding horses.
2. All members participate in the annual horse show held in Amelia.

C. 4-H Activities:

1. Camp and other Activities

(A) Objectives:

1. To give 4-H boys and girls new experience that will provide recreation, help to develop leadership and the ability to adjust to new conditions.
2. Encourage better club work and project completion.
3. Fill county quota of 20 boys and 20 girls.

(B) Methods of Extension Education:

1. To allow only the 4-H club members who have completed their projects the previous year to attend camp.
2. Agent write one news article about camp.

2. Exhibits:

1. Have club members participate in exhibits at the County Fair.
2. Each 4-H Club put educational booth at fair.

3. National 4-H Week:

(A) Objectives:

1. To give publicity to 4-H work in Amelia County.
2. To give recognition to 4-H members by giving them an opportunity to participate in special events.
3. County Public Speaking Program in March.

(B) Methods of Extension Education:

1. Bulletin Board Exhibits.
2. Individual club programs.
3. News articles.

4. Achievement Day:

(A) Objectives:

1. To stimulate more interest in good quality club work and to recognize members who are doing a good job.

(B) Methods of Extension Education:

Have club members participate in county and district contest in all of the projects they are carrying.

Use contest to evaluate 4-H club work and to give recognition to outstanding club boys and to develop skill and

poise in the 4-H club boy.

Continue to judge records. Determine members to send records to Blacksburg by April 1.

A special class at the Amelia County Fair for 4-H club members.

5. Rural Life Sunday

To help club leader and ministers plan Rural Life Sunday Programs, to reach each community. Goal - 4 programs.

D. Young Men and Women's Work

There are no Extension sponsored groups of young men and women in Amelia County.