

AUGUST

Conduct 4 4-H club meetings
Attend Community Improvement Club meetings
Plan and put on 68 radio programs
Attend 4-H Electric Congress
Conduct County Council Meeting to plan annual 4-H program
Attend Annual Extension Conference
Continue work on Soils Information Program
Plan and conduct tobacco rotation demonstration
Attend FLBA Meeting

SEPTEMBER

Visit 90 4-H Clubs and plan annual program
Plan for Danville Fair, Atlantic Rural Exposition, Lynchburg Farm Show
Attend All - Star Key Awards Luncheon
Conduct yearbook planning committee meeting
Plan and put on 68 radio programs
Plan for WELS Contest
Continue work on Soils Information Program
Attend Yearling Steer Sale
Attend Aromatic Tobacco Sale
Plan Virginia Extension Exhibit, Danville Fair
Attend Community Improvement Club meetings

OCTOBER

Plan and put on 68 radio programs
Conduct 90 4-H club meetings - Program: Organization, Annual Plans
Collection of 4-H Record Books
Exhibits and assist with Danville Fair
Attend Lynchburg Feeder Calf Sale
Judge WELS Contest
Attend Community Improvement Club Meetings

NOVEMBER

Plan and put on 68 radio programs
Conduct 90 4-H club meetings
Community Improvement Clubs report year's work
Plan and conduct 4-H Achievement Program
Attend Leaders Conference
Attend Final Aromatic Tobacco Sale
Attend FLBA Meeting
Attend Annual Company Evaluation Tobacco Program Sale
Complete records on three variety demonstration tests
Plan and complete annual narrative and statistical report

DECEMBER

Plan and put on 68 radio programs
Attend FLBA Meeting
Conduct 90 4-H Club meetings
Plan and attend All-Star-Honor Club Banquet
Attend Community Improvement Club Meetings - Participate in 1960 ACP Program

Conduct Livestock Tour
Attend Halifax-Pittsylvania DHIA Meeting
Attend Community Fertilizer Meeting
Continue soils information field meetings, tours, etc.
Conduct eight 4-H Tractor Maintenance Programs

APRIL

Plan and put on 68 radio programs
Conduct 90 4-H Club Meetings - Program: Highway Accidents
Attend Baby Beef Show and Sale
Conduct 4-H Tractor Operators Contest
Conduct 4-H Honor Club Meeting
Continue Training judging and demonstrational contest
Assist with Community Improvement Club meetings
Continue assistance of new aromatic tobacco producers
Field work with general agronomy and livestock programs
Attend Spring Feeder Calf Sale
Conduct Sheep Shearing Demonstration

MAY

Plan and put on 68 radio programs
Conduct 90 4-H Club Meetings - Program : Record Book Completion, Summer Plans
Attend District 4-H Contests
Collection of 4-H Record Books
Plan and conduct Rural Life Sunday Program
Plan 4-H Summer Camps and Short Course
Attend Community Improvement Club Meetings

JUNE

Plan and put on 68 radio programs
Attend 4-H All-Star Conference and Short Course
Conduct 8 4-H Club Meetings
Plan and conduct 4-H Electric School and tour
Conduct camp planning meeting
Continue work on soils information program
Conduct 4-H Honor Club tour
Attend Lamb and Wool Sale

JULY

Conduct 5 4-H club meetings
Attend Junior and Senior 4-H Camps
Attend Institute of Rural Affairs
Tour Bright Tobacco Research Station
Attend Conservation Camp
Tour Company Tobacco Evaluation Test Plots
Plan for Electric Congress
Plan and put on 68 radio programs
Work up requisition for fertilizer for three Extension-TVA Demonstrations

CALENDAR OF ACTIVITIES

JANUARY

Conduct 90 4-H Club Meetings - Program: Home Accidents
4-H Tractor Training School
Plan 4-H Talent Show
Announce Community Improvement Club winners
Plan two Extension-TVA Demonstrations
Old Belt Tobacco Growers Meeting
Conduct Commodity Group Committees
Conduct series of Soil Information Schools
Conduct Community Tobacco Information Meetings
Attend Annual Meeting of VA. Assoc., S.C.D.'s, Roanoke
Attend Annual Meeting of Lynchburg Feeder Calf Sale Assoc., Amherst
Plan and put on 68 radio programs
FLBA Meeting

FEBRUARY

Conduct 90 4-H Club Meetings - Program: **Civil Defense, Water & Sanitation**
4-H Achievement Record Training Meeting
4-H Talent Show Elimination
Plan exhibits for National 4-H Club Week
4-H Tractor Maintenance Program Planning Meeting
Re-organize two Community Improvement Clubs
Complete one Extension-TVA Demonstration Farm
Conduct three Tobacco Information Meetings
Distribute seed to Aromatic Tobacco producers
Plan eleven meetings for County IFYE to India
Attend annual FLBA Dinner Meeting
Conduct two Commodity Committee Meetings
Plan and put on 68 radio programs
Attend Blue Ridge SCD Meeting
Attend Conservation needs Inventory Meeting, Lynchburg
Conduct 4-H Lamp Assembly Demonstration
Arrange three tobacco variety demonstrations
Arrange for Entomology Meeting
Continue work on soils information program
Assist new Aromatic Tobacco producers

MARCH

Plan and put on 68 radio programs
Continue work on soils information program
Conduct 90 4-H Club Meetings. Program - Farm Accidents
Judge 4-H exhibits and bulletin boards for National 4-H club week
Conduct 4-H Talent Show
Train Judging and Demonstrational Teams
Assist 4-H Club members completion of 4-H Achievement Records
Work up two Farm and Home Development Farm Plans
Organize additional Community Improvement Clubs
Conduct Community Tobacco Meeting
Attend FLBA quarterly meeting

b. To conduct two training meetings on all contests and demonstrations.

5. Other Participation:

- a. Eighty percent of clubs to participate in Danville Fair exhibits, to enter the tractor operators contest at Lynchburg Farm Show and show three animals at Atlantic Rural Exposition.
- b. National 4-H Club Week
 1. Ninety-five clubs to participate through exhibits, radio, and newspapers.
- c. Short Course
 1. To send 15 winners and delegates.
- d. Camps
 1. Junior Camp - 120- Goal
 2. Senior Camp (Camp Farrar) 26-Goal
 3. Conservation - 3-Goal
- e. Electric Congress
 1. To send two delegates and one adult leader.
- f. Tractor Program
 1. To hold eight tractor maintenance meetings at the oil and implement dealers serving the county.

Methods:

The following agencies will be used to assist the agents with the overall program:

1. State 4-H Club Department
2. Horticulture, Agronomy, Dairy, Livestock, Forestry Extension Depts.
3. The Danville Rescue Squad
4. The County Health Department
5. The American Red Cross
6. The Power Suppliers
7. Oil and Implement Dealers
8. Adult leaders and parents
9. Press, radio, visits and letters by agents

Objectives and Goals

1. Health group project for 78 clubs
 - a. Programs to include first aid, better diets, better teeth, home nursing, and accidents, farm and pond safety and highway accidents.
 - b. All club members will learn, cultivate or practice at least seven health practices during the current year.
2. 4-H Project for 10 fourth grade in school clubs.
 - a. To teach all beginning members the fundamentals of club work, the challenges and opportunities offered and set the pace for continued advancement in scope and quality.
3. Home Grounds Beautification and Forestry for two Community Clubs.
 - a. The Greenfield Community Club will landscape and scrub the grounds of the recently constructed community building. This will be a two year project.
 - b. The Spring Garden group will conduct a forestry project as they saw the need for learning and practicing conservation in their particular community. They plan to identify all trees in the community and plant 4,000 seedlings.
4. Other projects:
 - a. All members will be encouraged to enroll in other projects. According to their interest, initiative, and availability of equipment to complete projects.
 - b. A 90 percent completion goal will be set.
5. County Council:
 - a. To select group project, to serve as representative of respective community and to receive training that benefits the officer as well as all club members.
 - b. For 85 per cent to participate
6. Honor Club:
 - a. To meet the basic needs of older members, to motivate and cultivate the need for continuation of good work in themselves and younger members.
 - b. To hold three regular and two called meetings; to have a membership of 35.
7. Judging and Demonstrational Teams:
 - a. To participate in all contests available on the county, district, and state basis.

Results: The results of the tobacco plan are immeasurable in terms of numbers.

However, the quality of the tobacco produced in 1959 will be a strong indication as to the effectiveness of this program.

AROMATIC TOBACCO

Approximately 40 acres of aromatic tobacco will be grown in 1959. It is perhaps the best crop for use by county farmers to supplement their income. All practices outlined for flue-cured tobacco production will be stressed for aromatic tobacco. Information will be provided for growers throughout the year, from planted preparation to the date of marketing. The Extension Agents supervising this project will assist throughout the year. All new research information will be furnished to growers through the mass media of communications.

4-H CLUB PROGRAM

The overall 4-H program continues to grow, both in number of clubs and members. There are now 90 organized clubs, 5 community and 85 in school clubs with an overall enrollment of 2410 members. The 85 in school clubs continue to meet during school hours. The community clubs meet at club houses, private homes and churches.

All of the in school clubs are enrolled in the Health project, taking a combination of individual, family and community health. A large number of the enrollment will also carry home projects. Electricity, wildlife, entomology, safety, dairy, and livestock will lead the list.

Since Pittsylvania County is a typical rural and urban area there is a definite need for 4-H club work. Most of the club members range from age 9 to 14. There is a gradual increase in older club members. However, as more community clubs are organized and the older members learn about the advantages of belonging to a Senior Club. Although our overall enrollment is large, we are only reaching a small per centage of the age group eligible to be in club work.

14. Set up demonstrations on use of KY-31 fescue in rotation to aid in control of nematodes on tobacco soils.

Methods:

1. Emphasize merits of rotations for tobacco soils throughout year through farm visits, office calls, radio and news articles.
2. Intensive soils information program conducted in county to show needs and value of soils tests. Request assistance of soils specialist to identify soils.
3. Through community tobacco meetings the importance of correct analysis and amounts of fertilizer and lime will be stressed.
4. At appropriate time news articles and radio programs will be conducted on insect and disease controls.
5. Through use of chemicals and good management practices an ample supply of good health plants can be produced. Mass media communications will be used for providing this information.
6. Importance of cover crops on all tobacco soils will be stressed through farm visits, office calls, and news articles.
7. Proper spacing and topping for quality tobacco will be emphasized by all available means.
8. News articles and radio programs will set forth time for planting crops.
9. Community meetings will be conducted to stress importance of harvesting ripe tobacco and using proper sucker control measures.
10. Control of plantbed insects and diseases will be carried out in same manner as production of supply of plants.
11. Circular letters to all tobacco producers outlining cultural practices for quality tobacco will be mailed to producers.
12. All demonstrations will be set up through personal contacts of responsible tobacco producers.

TOBACCO

Situation: Tobacco is the most important agricultural enterprise of Pittsylvania County from both the acreage and financial point of view. The county allotment for 1959 is 17,541.99 acres. Tobacco is responsible for approximately 87% of the cash income in the county. The reduction in acreage has caused a somewhat critical situation in tobacco production. Tobacco producers are becoming more efficient in tobacco production and are increasing yields per acre to compensate for the acreage reduction. A point has been reached that is sacrificing quality for quantity.

Objectives and Goals:

1. Carry out a rotating system on tobacco farms to combat diseases and erosion.
2. Increase number of tobacco soils tested for fertilizer and lime recommendations.
3. Use correct analysis and amounts of fertilizer and lime on tobacco soils.
4. Use recommended insect and disease controls.
5. Produce ample supply of good health plants.
6. Plant cover crops on all tobacco soils.
7. Farmers space plants properly and top plants to number of leaves that are best for variety and quality tobacco.
8. Producers plant crops early.
9. Harvest only ripe tobacco and use proper sucker control measures.
10. Control plantbed insects and diseases.
11. Produce better quality tobacco.
12. Have one grower participate in company evaluation test of six varieties or breeding lines of tobacco.
13. Three growers assist in further evaluation of advanced breeding line of tobacco.

surveys for water systems are being requested and technical assistance is being provided to help solve more of these problems.

Methods:

Send circular folders on building plans requested. Request extension agricultural engineer to assist in farm structure plans on farms. Farm Visits, personal contacts will be made.

AGRICULTURAL ECONOMICS

More information is being provided county farmers on the agricultural situation, market conditions, supplemental crops that could be grown to boost overall farm income. Meetings are held from time to time to discuss these problems with the people.

Methods:

News articles, and radios are used for informing the public regarding the agricultural economic situation.

HORTICULTURE

The long time goal is to have every farm family produce a good family garden. A good garden will help to greatly reduce the out-of-pocket expense for the family food supply.

Interest is gradually increasing in small fruit culture, some for local markets, but mainly for home use. Work will be continued along this line.

Some interest is being shown in commercial peach production in the county. From 200 to 500 peach trees will be set in the county this year which is enabling two established sites.

Methods:

Circular letters on gardening, farm visits, personal letters, radio, and newspaper articles.

SOIL AND WATER CONSERVATION

In 1959 the county ACP received a request for cost sharing approximately \$170,000 more than the county allocation. This indicates a considerable more interest is being demonstrated in conservation practices, especially for permanent vegetation coverage which includes permanent pastures, alfalfa and other hay and pasture crops.

The County Agent is a member of the Blue Ridge Soil Conservation District Board and also serves as Secretary of the Virginia Association, S. C. D.'s. This requires several days a year to be devoted to conservation of the natural resources, and requires that a close working relation be maintained with SCS technicians in the county.

FORESTRY

The 1959 figure will exceed 500,000. Interest on this program is increasing annually.

Used selective cutting in trees.

Methods used in this are reforestation, radio programs, circular letters, and office calls.

FARM MANAGEMENT

Work will be done throughout the year on farms requesting assistance on farm management problems. Since farmers are becoming more interested in working out an analysis of their farming operations determining the project work most profitable to them.

Methods: Office calls, farm visits, personal letters, and information on radio and newspapers.

AGRICULTURAL ENGINEERING

The agents in the county are being called upon more every year for plans for farm structures, location of buildings, some problems in electrification, and farm machinery. Surveys made for pond sites and irrigation layouts and

Interest in new farm enterprises, particularly in aromatic tobacco, sheep, and poultry is rapidly expanding and careful planning and supervision will be needed to insure success for these farmers. Extension-TVA demonstrations and community improvement club programs require planning and supervision, and the Farm and Home Development Assistant will contribute time and effort to them throughout the year.

Objectives and Goals:

1. Develop fifteen (15) or more complete farm or enterprise plans
2. Service existing plans
3. Furnish record books to cooperators, and assist in record keeping where needed.
4. Supervise the three (3) Extension-TVA Demonstration farms, and transmit fertilizer requisitions as needed.
5. Assist in the organization of at least three new community improvement clubs, and assist them whenever needed
6. Continued assistance to the two community improvement clubs organized in 1958.

Methods:

1. Accomplish farm enterprise goal through farm visits.
2. Service existing plans by personal contacts
3. Furnish record books by means of farm visits, letters and request farm management specialist to assist in record keeping.
4. Request TVA Supervisor's assistance in TVA Demonstration farms and transmit fertilizer requisitions by personal contacts, and letter. Also, by Farm Management and Soil Specialists.
5. Organize community improvement clubs by circular letters, radio, news letters, personal contact, and with aid of Rural Specialist.
6. Attend meetings of established community clubs and furnish specialist speakers for meetings when called upon.

7. Conduct sheep shearing demonstrations and request livestock specialists to assist in demonstrations.
8. Stress importance of creep feeding lambs to hit early markets through radio, newspapers, and farm visits.
9. Furnish facilities plans to farmers through office calls and letters.
10. Request Extension Agronomist to assist in pasture improvement demonstration. Also, send out information on pasture improvement through letters and newspapers.

POULTRY

In 1959 the agents are still continuing interest in the program being offered farmers by some of the major feed companies in stimulating interest in commercial egg production.

Objectives and Goals:

1. Hold meetings for the purpose of introducing the program to business and professional people and follow up meetings to be explained to selected farmers.
2. Provide plans for buildings and proper location of buildings
3. Advise farmers in connection with the program.

Methods:

1. Request Extension Poultry Husbandman to assist in poultry program.
2. Provide plans through office calls, personal contacts, letters and farm visits.
3. Advise farmers through radio, newspapers, circular letters, farm visits, and office calls.

FARM & HOME DEVELOPMENT

The Farm & Home Development Program will be continued in the three areas worked in 1958, but will not be confined strictly on an area basis in 1959. Any farmer, regardless of where he lives, will be given assistance in planning.

they are going to need a secondary source of income with the tobacco acreage decrease.

Objectives and Goals:

1. Improve sires and dams
2. Control internal and external parasites
3. Set up farm tours for cattle feeding, sheep production, and feeder pigs operations.
4. Increase number of calves being sold cooperatively
5. Support Baby Beef Show and Lamb & Wool Sales.
6. Establish small farm sheep flocks
7. Hold sheep shearing demonstrations
8. Stress importance of early marketing of lambs and creep feeding lambs.
9. Emphasize importance of better facilities to handle livestock.
10. Improve pasture for livestock

Methods:

1. Improve quality of livestock by showing advantage of good quality, over poor quality livestock by requesting Extension Animal Husbandmen's assistance, movies, and news articles.
2. Furnish material on internal and external parasites control through radio talks, newspapers, and personal contacts.
3. Request livestock and agronomy specialists to assist in farm tours.
4. Stress importance of cooperative sales through radio talks, news letter, circular letters and farm visits.
5. Attend meetings concerning Baby Beef Show and furnish speakers for meeting when called upon. Send out circular letters to producers and other people interested in program.
6. Accomplish goal through farm visits, radio, newspapers, circular letters, and request specialists' assistance.

DAIRYING

The approximately 45 Grade A dairy farms seem to be on a sound footing.

In 1959 we do not expect any new Grade A producers to be established.

Objectives and Goals:

1. Increase artificial breeding in the dairy breeding program.
2. Place emphasis on:
 - a. That every family have a family cow.
 - b. At least one acre of alfalfa per cow be produced.
 - c. Publicize the importance of weed and insect control of chickweed and alfalfa weevil.
3. Improve bottom land forage plants.
4. Make list of farmers having hay for sale and wanting to buy hay.
5. Follow better weaning and feeding practices for young heifers.

Methods:

1. Increase artificial breeding in the county by letting farmers know by means of radio, newspapers, office calls, and farm visits, that it is available.
2. Emphasize the importance of alfalfa in a dairy operation by radio, newspaper, farm visits, office calls, and request agronomist specialist to assist in programs.
3. Notify farmers of needs through radio, office calls, farm visits, and personal contacts.
4. Stress importance of weaning and feeding through radio, newspapers, office calls, educational programs for 4-H dairy shows, and request specialists' assistance at meetings.

LIVESTOCK

The quality of the livestock in the county is improving due to the well established feeder calf market and farmers realize they can make more from good quality livestock than with poor quality at these sales. Interest in obtaining sheep as a secondary source of income is being considered as the farmers realize

production, and use of insect control methods recommended.

Methods:

Leaflets, farm visits, circular letters, request specialists assistance in program.

Pasture

1. Pittsylvania farmers need to realize the value of improving and maintaining pastures that will give maximum production as near a twelve month period as possible.
2. Establish well balanced pasture programs. As many farmers as possible will be reached during the year. This is an overall program for the county and information will be provided and assistance if needed.
3. Soil testing data will be stressed strongly and farmers will be urged to follow recommendations made. The maximum amount of lime, fertilizer and seed will be emphasized. A good maintenance program will be include control low grazing, to clip, lime and fertilize when needed.
4. Silage is another activity the agronomy committee is interested in and is urging more livestock pepple to include silage in their forage program, both summer and winter silage crops, with main emphasis on increased yield and quantity.

Methods:

1. Farm visits will be made. Information will be provided toooffice callers and letters will be used to inform farmers.
2. It is hoped that the pasture tour can be held in early May.
3. Many bulletins, leaflets, news articles, radio programs, will be distributed and published throughout the year. Practically all the activities other than educational work will be done on farms.
4. Extension, ASC, SCS, cooperate very closely in trying to promote better pasture programs.

Results:

Results will have to be taken mainly from observation of pasture work and statements of producers of any increase in yields received.

5. The Extension, ASC, SCS, and Vo. Agri. all cooperate in this program. Individual farm and agronomy specialists will be used for field meetings, and for up-to-date information.

Results:

1. The best measurement for results will be reports from cooperating farmers on quality and quantity of the crops produced for the year.

Corn

Present corn yield is 33 bushels. Additional income is needed on every farm in the county.

Objectives and Goals:

1. Make proper soil type selection for corn.
2. Increase yield per acre for corn production and produce better quality corn.
3. Soil samples, the use of needed lime and fertilizer, adapted hybrid seed, disease and insect control methods recommended will be worked with.

Methods:

1. Farm visits, office calls, personal letters, bulletins, leaflets, news stories, will be the main measure of contacts.
2. All agencies working with farmers along this line will be cooperating.

Results:

Results will be measured by the increase in yield of quality corn.

Small Grain

Increase yields of small grain including wheat, oats, barley, and rye by the use of more definite complete rotations, soil samples, use of required amounts of lime and fertilizer and certified seeds. The work on the small grain program will be spread throughout the county by the use of all educational help available to the extension service, including the use of certified seed,

1959 PLAN OF WORK - PITTSYLVANIA COUNTY

AGRONOMY:

The Agronomy Committee consisting of five members met in January to assist in outlining some problems and objectives in connection with the agronomy situation in Pittsylvania County. The agronomy committee outlines this program each year after reviewing the accomplishments of the past year and taking in consideration outlook information, local situations, needs, etc.

Alfalfa

Objectives and Goals:

1. Increase acreage of alfalfa. The yield should be increased from 2 tons per acre to 3 tons.
2. Teach farmers the importance of adequate fertilization, by the use of required amounts of lime and commercial fertilizer, the use of certified seed and the latest insect and disease control recommended practices.
3. Provide available information to farmers interested in the production of alfalfa and contact approximately 250 farmers during the year.

Methods:

1. Request pasture specialist to assist in 12 month forage program.
2. Teach farmers the importance of adequate fertilization through farm visits, radio, newspapers, and request specialists to assist in giving information on the latest insect and disease control recommended practices.
3. Available information will be provided through daily and weekly newspapers, radio stations, circular letters, field meetings, farm visits, personal letters, and also meetings on soil types or plan in an effort to inform landowners on soil types best suited for satisfactory alfalfa production.
4. The information and activities will be conducted throughout the entire year with an effort on timeliness on the job to be done. The activities will be both from the Extension Office and on individual farms.

PITTSYLVANIA COUNTY

PLAN OF WORK - 1959

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