PLAN OF WORK

PATRICK COUNTY

1960

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PATRICK COUNTY EXTENSION PLAN OF WORK FOR 1960

I. GENERAL DESCRIPTION OF THE COUNTY

Patrick County is a mountainous county and lies in the southside and southwestern part of the state. It is bordered by the following counties: Floyd, Franklin, Henry, and Carroll Counties in Virginia and by Surry and Stokes Counties in North Carolina. The county covers an area of 485 square miles and consists of 2,255 farms containing 208,077 acres of land. The average size of the farms in the county is 89.9 acres and the population of the county is 15,787. The main crop enterprises in the county are tobacco, fruit, corn, dairy and beef cattle being the main livestock enterprises. The trends in agriculture in the county is that the farms are getting larger and the number of farms smaller. The number of part-time farmers is increasing each year, the reason for this is that the small farmer is not able to support his family from the farm and has to secure income from other enterprises. Income for part-time farmers and non-farm families is derived from the United Elastic Plants, Stuart Knitting Company, Patrick County Cannery, Stuart Lumber Company, and DuPont and furniture factories in Henry County.

There are 1050 flue-cured tobacco farms in the county with an average allotment of 1.9 acres per farm. The 1959 crop was

a very poor crop in yield, quality and number of pounds per acre, this was due to adverse weather conditions and disease of the tobacco crop.

The dairy situation in the county has seemed to level off and farmers are getting a fair price for their milk now, also several of our Grade A producers have found better markets to sell their milk.

This past year, most of the fruit growers in the county had a good crop and received a fair price for most of their fruit.

All farm programs in the county have been of great help to farmers and more and more farmers are participating in these programs.

The financial situation of most of the average size farms in the county is good, but the small farmers and the farmers that are buying farms are having a hard time of meeting their obligations. We have found in the county that the farmers that are diversifying are doing a better job than the farmers that are depending on one enterprise for their income.

The County Extension Plan of Work for 1960 was developed through the assistance of the County Agricultural Service Board, Special Interest Groups, and the different commodity groups. These committees met at various times during the year and discussed the situation of the county and also suggested objectives for the year and how and when they should be carried out.

II. MAJOR PROJECTS FOR 1960

A. Agronomy

1. Goals for 1960

a. Increase the yield of corn 5 bushels per acre.
b. Have 60% of farmers spray alfalfa and other crops for control of chickweed.
c. Use granulated insecticide or granular insecticide fertilizer mixture on 1100 acres of alfalfa for control of alfalfa weevil.
d. Seed 500 acres of new alfalfa.
e. Have 75% of farmers test soil for proper recommendations for lime and fertilizer.
f. Increase the yield of alfalfa 0.3 tons per acre.
g. Increase the grazing capacity of pastures so that one animal unit can be supported on two acres of pastures.

2. Methods

a. In January, February and March will hold meetings in the different communities and discuss corn production, alfalfa, and other hay crops and pasture management.
b. In February will hold community meetings and give information on disease and insect control of the various crops and pastures and will invite farm supply dealers along with farmers to these meetings.
c. Will hold one spraying demonstration for the control of chickweed in February.
d. Will hold pasture tours in May and August. Will select T.V.A. farms for some of these tours.
e. Will use County Extension Agents, State Extension Specialist, Vocational Agriculture Teachers, Soil Conservation Service and farmers to be discussion leaders at these meetings and demonstrations.
f. Will use all other types of media to get information to the farmers, such as T.V., radio, timely newspaper articles, letters, office calls, telephone, and personal visits.
g. We estimate that at least 25% of the farmers will change practices as the result of these teaching programs.

B. Tobacco

1. Goals for 1960

a. Have 800 tobacco growers spray or dust their tobacco for control of insects and diseases.
b. Have 400 farmers use two to three year rotation in growing their tobacco.
c. Have 200 farmers that have nematodes, fumigate the land for control.
d. Have four farmers grow aromatic tobacco for a supplementary income.

2. Methods

a. Will hold two county tobacco meetings in January one at Critz and one at Ararat. Mr. E. M. Mathews, Associate Extension Agronomist at the Chatham Experiment Station, will be the discussion leader at these two meetings and will discuss management practices in growing good quality tobacco.
b. Will have community tobacco meetings at Peters Creek, Red Bank, Kibler Valley, and Russell Creek in January and discuss plantbed management and other tobacco problems.
c. Will have two variety demonstrations and two nematode control demonstrations.
d. Will use Extension Agents, State Extension Specialist, and other Agricultural Agencies in the county to assist with these meetings and demonstrations.
e. Will use all other types of media to get information to the tobacco growers and on good management practices in growing high quality tobacco.
f. We estimate at least 200 farmers will change practices as the result of these teaching programs.

C. Dairying

1. Goals for 1960

a. Enroll four new members in D.H.I.A.
b. Enroll ten farmers in weigh-a-day program.
c. Breed 1000 cows artificially.
d. Have seven D.H.I.A. herds to produce 400 pounds of butterfat.
e. Have two D.H.I.A. herds produce 500 pounds of butterfat.

f. Have 75 new farmers start selling manufactured or Grade B milk for supplementary income.
g. Increase the milk production per cow 100 pounds.

2. Methods

a. Through our regular monthly meetings, discuss feeding, breeding, and management of the dairy herd.
b. Hold county artificial breeding meetings in January and discuss the artificial breeding program to the dairy farmers. Give them information on the sires that are in the stud at the State Breeding Association.
c. Send out timely information on dairying during the year.
d. Have one field tour and visit D.H.I.A. herds and have farmers discuss the advantages of being in the association.
e. Visit during the year low income farmers and encourage them to get a few milk cows and start selling manufactured or Grade B. milk for extra income.
f. Will use all types of media to get information to the farmers as good herd management.
g. Will use Extension Agents, State Extension Specialists, and other County Agricultural workers to assist with the above program.
h. We estimate at least 100 farmers will change practices as the results of these teaching programs.

D. Livestock

1. Goals for 1960

a. Have 80% beef cattle herds in county have Registered Sire.
b. Start 15 new beef cattle herds in county.
c. Market 200 head of calves in feeder calf sales.
d. Increase the number of sheep in county 100 head.
e. Have five pig parlors in county.
f. Have 80% of sheep treated for internal and external parasites.
g. Have 75% of farmers vaccinate calves for control of blackleg and bangs disease.

2. Methods

a. Will hold four meetings in January and discuss good livestock management practices.
b. The agents will assist farmers in selecting good animals for their herds.
c. Assist farmers with selecting and putting feeder calves in the various sales in the area.
d. Assist sheep growers in marketing wool in a county-wide pool.
e. Will use all types of media in getting good management practices of livestock to farmers.
f. We expect 75 farmers to change practices as the results of our teaching program.
g. Will use Extension Agents, State Extension Specialists, and other county agricultural workers to assist with these programs.

E. Fruit

1. Goals for 1960

a. Have 20,000 young fruit trees planted.
b. Have a processing plant established in area.
c. Have two grading and packing places for small fruit growers in county.
d. Enlarge storage plant in county.

2. Methods

a. Will hold regular monthly fruit growers meeting to give information in producing of good quality fruit.
b. Will hold two twilight tour meetings, one in July and the other in August, where we will visit several orchards in the Stuart and Ararat area and discuss some of the fruit growers problems.
c. Will hold a two-day fruit school in February in Mount Airy, North Carolina for the Patrick and Carroll Fruit Growers.
d. Will hold a packing and grading demonstration in September at the Bald Mountain Orchard.
e. Will hold a pruning demonstration in the Woolwine area in January.
f. Will use the County Extension Agents, State Extension Specialists, and other agricultural

workers in the county to assist with these meetings, tours, and demonstrations.

g. Will use all types of media in giving timely information to the fruit growers.

h. We estimate that at least 25 farmers will change practices as the result of these teaching methods.

F. Forestry

1. Goals for 1960

a. Plant 250,000 seedlings.
b. Have 25 4-H Club members plant forestry seedlings in 1960.
c. Enroll 50 4-H Club members in Forestry project.

2. Methods

a. Conduct an extension publicity program during the year to inform all landowners with the need of more and better forestry programs.
b. Conduct tours in areas in fall where plantings, thinning, and hardwood killings have been carried out.
c. Have two meetings, one in September and the other in November, and give information on management and care of their timberland.
d. Have our seven community clubs to have on their program an educational meeting on Forestry.
e. Will use all other types of media to give farmers information on good forestry management.
f. Will use County Extension Agents, State Extension Specialists, State Forestry Representative, Vocational Agriculture Teachers, and Soil Conservation Service and other agriculture workers to assist with these meetings and demonstrations.
g. We estimate that at least 100 farmers will change practices as the result of these teaching methods.

G. Community Clubs

1. Goals for 1960

a. Organize two new clubs.
b. Organize community club council.

2. Methods

a. These community clubs are well organized and have regular monthly meetings.
b. Have representatives of these organized community clubs contact other communities in the county and assist them with getting organized.

H. Agriculture Engineering, Water Systems, Telephones

1. Goals for 1960

a. 100 new telephones in homes.
b. 100 families install running water in homes.
c. 125 families install bathrooms in home.

2. Methods

a. Have meeting of water systems committee in March and give background information for Patrick County.
b. Will assist communities and groups with getting telephones in their community.
c. Will hold a tour in May and visit homes with water systems and those without water systems and discuss the advantage of having running water in the home.
d. Assist individuals with putting bathrooms and running water in the homes.
e. Will use all types of media during the year to promote this program.
f. Will use County Agents, Extension Specialist, dealers and other professional people to help promote their program.
g. We estimate that 125 farmers will make changes due to these teaching methods.

I. 4-H Club

1. Goals for 1960

a. Secure and train two additional volunteer leaders.
b. Reduce the present size of 4-H clubs by organizing additional 4-H clubs.
c. Increase participation in District and State contests.
d. Organize an additional out of school club.

e. Organize a project group for Automotive Care and Safety project.
f. Maintain steady increase in enrollment.
g. Increase camp attendance by 10%.
h. Encourage interest and attendance of Achievement Day, County Council, District and State events.
i. Encourage 4-H Club members to conduct more demonstrations at club meetings.
j. Secure at least 15,000 tree seedlings to be planted by club members.
k. Continue use of Honor Club members as junior leaders.
l. Send three leaders to State Leaders Conference.
m. Better publicity for 4-H club activities and events.

2. Methods

a. Leaders will be selected by club members and trained by agents and specialists.
b. Clubs with large membership will be split up into smaller clubs.
c. Participation in District and State contests will be encouraged at meetings and by local contests.
d. Out of school club will be organized in community club with local people furnishing leadership.
e. Project groups for Automotive Care and Safety project will be organized with cooperation of local dealer.
f. Parential interest will be solicited to help increase future enrollment.
g. Continue to use County Council and Advisory Committee to plan club programs.
h. Conduct regular monthly meetings in schools with community club meetings in charge of local leaders.
i. Conduct judging and demonstration training sessions to prepare members for contests.

The 4-H Club program is designed to develop leadership, promote citizenship and give training in agriculture and home economics. An estimated 15% of the membership should change practices as a result of the 4-H Club program.

The County 4-H Club program is supervised by the agents with advice and planning from the County Council and Advisory Committee. Assistance in conducting the program will be furnished by leaders. Specialists will be used to train agents and leaders, as well as club members, in certain fields. Special assistance will be obtained from workers in other professional agricultural fields.

III. CALENDAR OF WORK FOR 1960

DECEMBER

Activity	Responsibility	Assistance
Dairy Committee Meeting	County Agents	Leaders & Specialists
Farm Income & Social Security Meeting	County Agent	Specialist
4-H Planning Meeting	County Agent	Leaders & Specialists
Community Club Meetings	County & Home Agents	Leaders & Specialists

Activity	Responsibility	Assistance
JANUARY		
Farm Income & Social Security Meeting	County Agents	County Agents
Community Club Meetings	County & Home Agents	Leaders & Specialists
Tobacco Meetings	County Agents	Specialists
D.H.I.A. Meetings	County Agents	Specialists & D.H.I.A. Tester
Treating Livestock for Internal Parasites	County Agent	Veterinarian
Rabies Program	County Agent	Veterinarian
Poultry Meeting	County Agents	Specialists
State Dairyman Meeting	County Agents	Leaders
Fertilizer Meeting	Specialists	County Agents
4-H Club Meetings	County & Home Agents	Leaders
Fruit Growers School	County Agents	Specialists
FEBRUARY		
Dairy Meeting	Specialist	County Agents
CommunityClub Meetings	County & Home Agents	Leaders & Specialists
Entomology Meeting	Specialist	County Agents
Artificial Breeding Meeting	Directors & County Agents	Leaders & Specialists
Milk Producers Meeting	County Agents	Specialists
4-H Club Meetings	County & Home Agents	Leaders
Communications Meeting	Specialists	County & Home Agents
Farm & Home Development	County & Home Agents	Specialists
T.V.A. Demonstrations	County Agents	Specialists
Poultry Meeting	County Agents	Specialists
Garden Meeting	County Agents	Leaders
Planning Meeting for County Fair	Rotary Club	Agriculture Workers
4-H Camp Planning Meeting	4-H Club Department & Specialists	County & Home Agents
MARCH		
4-H County Council Meeting	County & Home Agents	Leaders & All Stars
4-H Achievement Day	County & Home Agents	Leaders, Officers, & Specialists
Observation of National 4-H Club Week	4-H Club Members	Adult Leaders
Corn Production Meeting	County Agent	Specialists
County Agriculture Service Board Meeting	County & Home Agents	Leaders

Activity	Responsibility	Assistance
MARCH (Continued)		
Weed Control Meeting	County Agents	Specialists
Community Club Meetings	County & Home Agents	Leaders & Specialists
4-H Leader Training Meeting	County & Home Agents	Leaders & Specialists
Forestry Demonstration	County Agents	Specialists
4-H Club Meetings	County & Home Agents	Leaders
Garden Meeting	County & Home Agents	Specialists
Sheep Meeting	County Agents	Specialists
4-H Record Meeting	County & Home Agents	Leaders
Fruit Growers Meeting	County Agents	Specialists
Farm & Home Development Program	County & Home Agents	Agents
4-H Juding & Demonstration Training Meetings	County Agents	Leaders & Specialists
APRIL		
4-H Club Meetings	County & Home Agents	Leaders
4-H Demonstration & Juding Team Training Meetings	County Agents	Specialists
Fruit Growers Meeting	County Agents	Specialists
Farm Building Meeting	County Agents	Specialist
Artificial Breeding Meeting	County Agents & Directors	Leaders & Specialists
Community Club Meetings	County & Home Agents	Leaders & Specialist
Farm & Home Development Program	County & Home Agents	Specialist
4-H District Judging	County & Home Agents	Leaders & Specialists
MAY		
4-H Club Meetings	County & Home Agents	Leaders
Fruit Growers Meeting	County Agent	Specialist
Community Club Meetings	County & Home Agents	Leaders & Specialist

Activity	Responsibility	Assistance
MAY (Continued)		
Juding 4-H Club Pig Chain Project	County Agents	Specialist
Plans for 4-H Club Camp and Short Course	County & Home Agents	Leaders
T.V.A. Farm Tour	County Agents	Specialist
Artificial Breeding Meeting	Agents & Leaders	Specialist
JUNE		
4-H Short Course	County & Home Agents	Leaders & All Stars
4-H Recreational Meetings	County & Home Agents	Leaders
Fruit Growers Meeting	County Agents	Specialist
County Wool Pool	County Agents	Leaders
Scoring 4-H Pig Projects	County Agents	Specialist
Scoring 4-H Garden Projects	County & Home Agent	Specialist
4-H All Star Conference	County & Home Agents	Specialist
4-H Electric School	County & Home Agents	Power Company
Community Club Meetings	County & Home Agents	Leaders & Specialist
4-H Club Camp	County & Home Agents	Specialist & Leaders
Farm & Home Development Program	County & Home Agents	Specialist
Senior 4-H Club Camp	County & Home Agents	Leaders & Specialist
JULY		
4-H Recreational Meeting	County & Home Agents	Leaders & Specialist
4-H District Dairy Show	County Agents	Leaders
Farmers Visit Chatham Experiment Station	County Agents	Agriculture Workers
Senior 4-H Camp	County & Home Agents	Leaders & Specialists
Virginia Beach Institute of Rural Affairs	Extension Workers	Agents
Community Club Meetings	County & Home Agents	Leaders & Specialists
Farm & Home Development Program	County & Home Agents	Specialists
4-H Conservation Camp	County & Home Agents	Specialists

Activity	Responsibility	Assistance
	AUGUST	
Fall Pasture Meetings	County Agents	Agriculture Workers
Tobacco Grading Demonstrations	County Agents	Specialist
Alfalfa Seeding Demonstrations	County Agents	Specialists
Pasture Tours	County Agents	Specialists
Fruit Growers Meeting	County Agents	Specialists
Annual Extension Conference	Extension Workers	Agents
Community Club Meetings	County & Home Agents	Leaders & Specialists
Farm & Home Development Program	County & Home Agents	Specialists
4-H Electric Congress	County & Home Agents	Specialists & Leaders
	SEPTEMBER	
Final Judging 4-H Garden Projects	County & Home Agents	Specialist
Fruit Growers Meeting	County Agents	Specialists
Feeder Calf Sale Meetings	County Agents	Consignors
Tobacco Grading Demonstrations	County Agents	Specialists
Field Day V.P.I. Experiment Station	Extension Workers	Specialists
Organize 4-H Clubs	County & Home Agents	Leaders & Specialists
4-H County Council Meeting	County & Home Agents	Leaders
Farm & Home Development Program	County & Home Agents	Specialists
	OCTOBER	
County Fair	Rotary Club	Agriculture Workers
Feeder Calf Sale	County Agents	Specialists
Agronomy Meeting	County Agents	Members
Fruit Growers Meeting	County Agents	Specialists
Community Club Meetings	County & Home Agents	Specialists & Leaders
Community Club Judging	County & Home Agents	Leaders & Agents
4-H Club Meeting	County & Home Agents	Leaders

Activity	Responsibility	Assistance
	OCTOBER (Continued)	
Farm & Home Development Program	County & Home Agents	Specialists
Fruit Packing & Grading Demonstration	County Agents	Specialists
	NOVEMBER	
Pruning Demonstration	County Agents	Specialists
County Service Board Meeting		Members
Fruit Growers Meeting	County Agents	Specialists
Juding Community Clubs	County & Home Agents	Specialists
4-H Club Meetings	County & Home Agents	Leaders
Farm & Home Development Program	County & Home Agents	Specialists
Forestry Meeting	County Agents	Specialists

In the calendar of work, only the main subjects that we plan to carry out each month during 1960 are included.