

A MAJOR EMPHASIS - EDUCATIONAL PLAN

PROJECT AREA: 4-H AND OTHER EXTENSION YOUTH PROGRAMS

PHASE: 4-H Wildlife Project - Year, 1964

The Situation:

We have 1276 boys enrolled in the Henry County 4-H program. For their school club project they chose "Wildlife" which is the study of birds. It was felt that these club members could be of great service in helping to conserve our birdlife if they knew more about birds and of their services to man.

The Specific Problem:

Most of our young people do not fully appreciate the beauty of birds and their valuable service to man. Most club members have not had the opportunity to study birds in detail.

The Objective:

To give club members a broad understanding of birds and how they are important to man. To help club members learn to identify birds and become more interested in protecting them.

TEACHING OBJECTIVES	SOURCE OF SUBJECT MATTER	METHODS	WHEN	BY WHOM
To assist club members in:				
1. Acquiring a better understanding of how birds are important to us.	Birdlife of Virginia (Published by Comm. of Game and Inland Fisheries.)	Program at club meeting on how birds are important to us.	November	Asst. Agent
2. Learning to identify birds.	How to Know Birds. (Roger Troy Peterson)	Use of illustrative material.	December	Asst. Agent & Club members.
3. Building equipment for attracting birds.	Cir. 690 Leaflets No. 63, 61, 65, 59, 62, 64, 58, 66, 57, 60 U.S. Dept. of Int., Cons. Bulletin 1.	Program & demonstration on building equipment properly for attracting birds.	January February	Asst. Agent & club members.
4. Learning how to keep good records.	Unit No. 1 Wildlife Project Record Book.	Discussion & demonstration on filling out record books.	December	
5. Providing food & cover for birds by sowing patches of land in seed grain obtained from Wildlife Department.		Some schools will do this project as a club; preparing the planting site & sowing the seed. Other club members will do it on an individual basis.	March April	Asst. Agent & club members.

A MAJOR EMPHASIS - EDUCATIONAL PLAN

PROJECT AREA: 4-H AND OTHER EXTENSION YOUTH PROGRAMS

PHASE: Sponsorship, Year - 1964

The Situation:

4-H members are always taught that the utmost goal in 4-H work is to learn through project work, activities, events, and competition. To win is also emphasized to some extent. Perhaps competition is meant to serve as a stimulus for members to work harder and participate more. This fact is realized by all extension personnel. It is also realized that a 4-H member will work harder if he is given some type of an award for his accomplishments or achievements (other than written or spoken). In order that members might be given awards for entering special activities or events, sponsorship on the part of an outsider is needed.

The Specific Problem:

Sponsorship for special 4-H activities and events is needed.

The Program Objective:

Possible sponsor of the county 4-H program to understand the worthiness of the program and the need for sponsorship.

TEACHING OBJECTIVE	SOURCE OF SUBJECT MATTER	METHODS	WHEN	BY WHOM
To develop among county businessmen, merchants, & other possible sponsors (N. D. Club) an understanding of the 4-H program & of the value of their promotion & sponsorship to 4-H members.	Any available & suitable 4-H bulletins.	Circular letters to possible sponsors "The 4-H Program" Visits with possible sponsors.	Whenever appropriate	All agents.

EVALUATION:

Attitudes and responses of possible sponsors.

PHASE: Special Projects and Activities (Continued)

EVALUATION:

General observation of the public's (parent, members, etc.) attitude toward the 4-H program in this county.  
Record of participation in any phase of the 4-H program.  
Observation of officers' enthusiasm and work in creating interesting monthly program.  
Observation and record of participation of members on 4-H monthly programs.  
Record of participation in each special event.  
Observation of enthusiasm of parents and members regarding special events.  
Check written record progress of each member in May 1964.  
Collect all records in November 1964.  
Record of attendance and interest at workshop.





PHASE: 4-H Foods-Nutrition - Today's Girl (Continued)

TEACHING OBJECTIVES	SOURCE OF SUBJECT MATTER	METHODS	WHEN	BY WHOM
	4-H project Book (Tenn.)	"How to Make Quick Breads (Biscuits)" "How to Judge Quick Breads" Member Demonstrations "Growth of Yeast" "How to Make Cornbread" Encourage Girls to Develop Useful Recipe File. Group Display - "My Favorite Snack" Special Event-Local & Co.Bread Baking Contest with prizes sponsored by local H.D. Clubs Mass Media Newspapers "4-H Recipe Corner"(Contest)	March May April	4-H Members 4-H Members 4-H Members Agent

EVALUATION:

- "Before" and "After" quizzes for 4-H members to determine the extent of understanding of nutrition principles.
- Record of members who learn to like new foods and who learn to like (or at least try) foods that they did not care for previously.
- Members keep food intake records for a stated period of time keeping in mind the daily nutrient requirements.
- At meeting, check and evaluate for improvement.
- Agent observation of interest shown in project.
- Record of number of member records and reports turned in at end of course.
- Observation of quality of baked products entered in contests and snack display.
- Record of participants in special event.

Agents	Leaders	Group Meetings Agent Demonstrations "Books for Readers" "Planning a Baking & Snack for the Group"	To develop skills among 4-H girls home as shown. In basic food planning & prepare Recipe books. This principle included in the Good Food for Reading &
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PROJECT AREA: 4-H AND OTHER EXTENSION YOUTH PROGRAMS

PHASE: 4-H Foods - Nutrition - Today's Girl

Year - 1964

The Situation:

Through talking with groups (6th & 7th grade girls), it has been found that these girls have many food dislikes. Oddly enough, the foods they dislike are those which they should be eating for daily nutrient requirements. Also, it has been discovered, that the same girls do not take a part in the major meal planning or food preparation in the home.

The Specific Problem:

Four-H girls do not realize the importance of the role of nutrition in the diet and are not really interested in learning how to plan or prepare meals.

The Program Objective:

Four-H girls enrolled in the Today's Girl Food-Nutrition project to learn and practice the basic facts and principles involved in daily nutrition and food preparation.

TEACHING OBJECTIVES	SOURCE OF SUBJECT MATTER	METHODS	WHEN	BY WHOM
To stimulate an interest among 4-H girls in learning the importance of developing good nutritious eating habits.	4-H Project Book "Today's Girl."	Group meetings (school). Lessons & Laboratory periods in "Food Likes & Dislikes" "The Wonders of Food" "Food for Fitness"	January May	Agents
	Extension bulletins and other bulletins included in food-nutrition file.	Mass Media News Article "4-H Girls Need Food for Fitness" Radio "Why Good Eating Habits are Important to Me."	February March	Asst. Home Agent 4-H member
To develop skills among 4-H girls in basic food planning & preparation principles included in the Today's Girl food-nutrition project.	Same as above. Recipe books. Good Food for Snacking & Packing.	Group Meetings. Agent Demonstrations: "Foods for Snacks" "Planning & Serving A Snack for the group"	January May	Agents

PHASE: 4-H Home Management Project - General (Continued)

TEACHING OBJECTIVES	SOURCE OF SUBJECT MATTER	METHODS	WHEN	BY WHOM
To develop skills among 4-H girls in caring for and cleaning the living room and personal bedroom.	VPI Bulletin 202 - "Doing Housework"	Group Meetings Leader Demonstrations "Cleaning the living room." "Cleaning A bedroom" Member demonstration "Removing Spots from Rugs and Carpets."	July August	
To develop skills among 4-H girls in making a bed properly.	VPI Bulletin 202-"Doing Housework"	Group Meetings Leader Demonstrations "Making A Bed Properly" Member Class Exercise (Let each member take turns making same bed. Leader check for corrections & time involved.)	September	

EVALUATION:

Members work-out individual time schedules, and make a list of changes they made to improve their management compared to the method used before.

Agent check at meeting for member progress.

Leader and Agent observation of members' table setting practices. Check of individual records to determine progress.

Observation of members' interest and participation in class project work and also work outside class.

Check of all records and work schedules for this project to determine member progress.

Home visits with members to observe work done at home on project and to observe extent of interest in project.

At end of housekeeping-home management project, each member give a short demonstration on some phase of the project.

PHASE: 4-H Home Management Project - General (Continued)

MANAGEMENT STUDY EXPERIMENTAL REPORTS CHS 4-4 (1955) TABLE

TABLE 2 - Project Objectives and Methods

TEACHING OBJECTIVES	SOURCE OF SUBJECT MATTER	METHODS	WHEN	BY WHOM
To develop skills among 4-H girls in washing dishes easily and properly.	VPI Extension Bulletin MM,FHD:20 "Save Time & Energy in Washing Dishes" UT - "The 4-H Club Leader"	Group Meetings. Leader Demonstrations: "The Art of Washing Dishes" Member Demonstrations: "My Before & After Methods of Washing Dishes."	May	
To develop skills among 4-H girls in caring for & cleaning floors & windows in the home.	Johnson's Wax Bulletin "How to Take Care of Floors" VPI Bulletin 202, "Doing Housework." VPI Circular 801, "Floors and Their Care." UT Bulletin, "Let's Groom Your Room."	Group Meetings. Leader Demonstrations: "Care of Floors" "Washing Windows" Member Demonstrations: "Assembling A Cleaning Basket"	June	
4-H girls to acquire knowledge & skills in cleaning & properly caring for at least two appliances in the home.	UT Extension Bulletin - "Work Smarter - Not Harder" Another bulletins available regarding electrical appliances.	Group Meetings Leader Demonstrations: "How to Make An Appliance File." "How to Clean & Care for Appliances." Member Demonstrations: "How to Use my Favorite Appliance" "How to Care for My Favorite Appliance." In addition to training received in group meetings, members will have periodic home projects to complete.	October	
		Mass Media News articles on all phases of project. Radio "What Kind of Worker Are You" "Learn to Manage"	Periodically	Agent Leader 4-H Member

A MAJOR EMPHASIS - EDUCATIONAL PLAN

PROJECT AREA: 4-H AND OTHER EXTENSION YOUTH PROGRAMS

PHASE: 4-H Home Management Project - General

Year - 1964

The Situation:

There is one project group in the county which has asked for specific information and training in the area of Home Management. This group is made up of approximately 10 girls. Both girls and mothers feel that this particular project would be worth the time spent on it.

The Specific Problem:

Girls enrolled in the home management project should be better informed as to the training and opportunities offered through the project and also need such information and training.

The Program Objective:

Four-H girls to learn and practice the basic skills and principles involved in the general home management project.

TEACHING OBJECTIVES	SOURCE OF SUBJECT MATTER	METHODS	WHEN	BY WHOM
To develop skills among 4-H girls in managing time efficiently.	UT Extension Bulletin - "Work Smarter Not Harder"	Leader Training for the entire project. Group meetings Leader Demonstration "What Kind of A Worker & Time Manager Are You?" Member Reports "My Time Study"	January    February March	Asst. Home Agent Asst. Home Agent Leaders throughout entire project. Club members
To create an interest & to develop skills among 4-H girls in setting the table easily & properly.	VPI Extension Bulletin MM:FHD:21 "Save Time and Energy in Setting the Table"	Group meetings Leader Demonstration "Set the Table". Members participate in setting a cover under guidance of instructor, and show another person how to set table.	April	

**A MAJOR EMPHASIS - EDUCATIONAL PLAN**

PROJECT AREA: 4-H AND OTHER EXTENSION YOUTH PROGRAMS

PHASE: 4-H Clothing Project, Year-1964

TEACHING OBJECTIVES	SOURCE OF SUBJECT MATTER	METHODS	WHEN	BY WHOM
		with following additions: "How to clean sewing machine" "How to use sewing machine" "Cobbler's Apron" "Pop-Over Blouse" "A-Line Skirt"		
		Project show (exhibit & modeling of articles) with parents present.	August	Agents Members Leaders
		Mass Media Radio Program "Sewing Tips"	March	Asst. Home Agent
		News Article "The 4-H Member Learns to Sew"	February	Asst. Home Agent

**EVALUATION:**

1. Observation of quality of member construction practices (use basic score sheet).
2. Quizzes for members at end of course concerning construction techniques (oral or written).
3. Record of number of articles completed.
4. Record of number of written records and reports turned in at end of course.
5. Observation of actual attitude, cooperation, and participation in general project.

Agents Leaders	December	Project group meetings (weekly), lessons & laboratory periods in home subjects as listed above	Extension project materials furnished	To develop skills among girls - make in was observed constructive techniques in the home sewing project
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A MAJOR EMPHASIS - EDUCATIONAL PLAN

PROJECT AREA: 4-H AND OTHER EXTENSION YOUTH PROGRAMS

PHASE: 4-H Clothing Project, Year-1964

The Situation:

Approximately 50% of the 4-H girls in Henry County (4th & 5th grades) are enrolled in the beginners sewing project, "So You'd Like to Sew." Upon questioning, it has been discovered that these particular girls have had very few previous sewing experiences (because they are so young), and that they are very anxious to learn. It has been observed in the past when working with other girls on this project, the girls have a tendency to "sew like mother," or to use methods which are out-dated. Therefore, evidence seems to indicate a definite need for formal training in the area of "beginners sewing." Several other grade school girls have completed the basic steps in "So You'd Like to Sew" and are expressing a desire for further training. This indicates that they need more advanced training.

The Specific Problem:

Girls enrolled in the beginners' sewing project "So You'd Like to Sew" need definite formal training in this area.

The Program Objective:

Four-H beginners in sewing to learn and practice the basic principles of construction.

TEACHING OBJECTIVES	SOURCE OF SUBJECT MATTER	METHODS	WHEN	BY WHOM
To familiarize 4-H beginners in sewing with basic and correct techniques of construction.	Extension project Material bulletins (Sewing).	Group meetings (School) Agent Demonstrations Lessons & Laboratory Periods in: "Equipping the Sewing Box" "Wrist Pincushion" "Needle Case" "Stuffed Toy" "Tray cloth" "Apron" "How to judge finished articles" Group display of finished articles	January - May	Agents
To develop skills among older 4-H girls in more advanced construction techniques in the basic sewing project.	Extension project Material bulletins.	Project group meetings (Comm). Lessons & laboratory periods in same subjects as listed above	January December	Agents Leaders

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PHASE: Foods & Nutrition, Year - 1964 (Continued)

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TEACHING OBJECTIVES	SOURCE OF SUBJECT MATTER	METHODS	WHEN	BY WHOM
To promote better advance planning of nutritious meals so that they may be prepared & served with a minimum of effort.	Extension bulletins.	Leader Training Meeting followed by discussions in clubs.	October	Leaders who attend training meeting.

EVALUATION:

Through formal and informal survey, determine the number of homemakers that: (a) practice the information presented on community meals, (b) changed nutritional practices, and (c) practiced better menu planning.

LEADER	DATE	METHODS	SOURCE OF SUBJECT MATTER	TEACHING OBJECTIVES
Leaders who attend training meeting.	July	Leader Training Meeting followed by discussions in clubs.	Extension bulletins	To increase the homemaker's understanding of the basic facts about foods in relation to health in order to recognize the diet, food habits, & practices.
Leaders who attend training meeting.	September	Leader Training Meeting followed by discussions in clubs.	Extension bulletins	To increase use of different foods in the average family diet and thereby overcome family diet.

A MAJOR EMPHASIS - EDUCATIONAL PLAN

PROJECT AREA: EXTENSION HOME ECONOMICS

PHASE: Foods & Nutrition, Year - 1964

The Situation:

Many community meals are held in Henry County for fun and for profit. Food fads are rampant. Most families have a few set menus which are followed all the time. With over one-third of the women employed away from home, pre-planning of meals is essential.

The Specific Problem:

Planning and organization for large community suppers is needed to a larger degree than is presently evident. People are following food fads without regard to scientific nutrition facts. Homemakers encounter difficulty in changing family food habits. Long range planning of food for the family is practically non-existent.

The Program Objective:

To increase the effectiveness of committee work in preparing community meals, increase homemakers' knowledge of scientific nutrition, increase use of more varied foods, and assist homemakers to make better plans ahead of time.

TEACHING OBJECTIVES	SOURCE OF SUBJECT MATTER	METHODS	WHEN	BY WHOM
Assist the homemakers in the organization and use of committees in serving of community meals.	Extension bulletins	Special Interest Meeting with group participation.	March	Specialist
To increase the homemaker's understanding of the basic facts about foods in relation to health in order to recognize fad diets, food faddism, & quackery.	Extension bulletins	Leader Training Meeting followed by discussions in clubs.	July	Leaders who attend training meeting.
To increase use of different foods in the average family diet and thereby overcome family dislikes.	Extension bulletins	Leader Training Meeting followed by discussions in clubs.	September	Leaders who attend training meeting.

PHASE: Art in Daily Living, Year - 1964 (Continued)

TEACHING OBJECTIVES	SOURCE OF SUBJECT MATTER	METHODS	WHEN	BY WHOM
To increase homemaker's knowledge of the art principle "Division of Space"	Extension bulletins Books	Training Meeting for Federation Chairman followed by ten minute presentation at club meeting.	April	Federation Chairman
To increase homemaker's knowledge of the art principle "Creating Optical Illusions"	Extension bulletins Books	Training Meeting for Federation Chairman followed by ten minute presentation at club meeting.	May	Federation Chairman
To increase homemaker's knowledge of the art principle "Balance"	Extension bulletins Books	Training Meeting for Federation Chairman followed by ten minute presentation at club meeting.	June	Federation Chairman
To increase homemaker's knowledge of the art principle "Emphasis"	Extension bulletins Books	Training Meeting for Federation Chairman followed by ten minute presentation at club meeting.	September	Federation Chairman
To increase homemaker's knowledge of the art principle "Rhythm"	Books Extension bulletins	Special Interest Meeting	November	Agent
To increase homemaker's knowledge of the art principle "Color"	Extension bulletins Books	Training Meeting for Federation Chairman followed by ten minute presentation at club meeting.	April	Federation Chairman
To increase homemaker's knowledge of the art principle "Form"	Extension bulletins Books	Training Meeting for Federation Chairman followed by ten minute presentation at club meeting.	May	Federation Chairman

A MAJOR EMPHASIS - EDUCATIONAL PLAN

PROJECT AREA: EXTENSION HOME ECONOMICS

PHASE: Art in Daily Living, Year-1964

The Situation:

Homemakers are unaware that art principles are applicable in every phase of homemaking. Clothing which is becoming to the individual is not always chosen or worn. Knowledge of when and where to wear accessories is difficult for most people to decide. Pictures are thoughtlessly hung in county homes.

The Specific Problem:

Homemakers lack knowledge of art principles and their application. Selection of becoming clothing for each individual is difficult in many instances. Many women have little knowledge of which accessories are appropriate for different occasions. The problem of matting, framing, and hanging pictures is prevalent throughout the county.

The Program Objective:

To increase knowledge and improve skillful use of art principles in everyday life.

TEACHING OBJECTIVES	SOURCE OF SUBJECT MATTER	METHODS	WHEN	BY WHOM
To provide homemakers with a general knowledge of art principles as they apply to everyday life.	Extension bulletins Books	Leader Training Meeting followed by demonstration to homemakers.	January	Leaders who attend Training Meeting.
To assist homemakers with a study of lines & designs in relation to each other & to figure proportions & their application to clothing selection.	Extension bulletins Professional magazines Books	Leader Training Meeting followed by demonstrations to homemakers.	March	Leaders who attend Training Meeting.
To assist homemakers with the selection of accessories from the standpoint of what they do for an outfit & for the individual.	Extension bulletins Professional magazines Books	Leader Training Meeting followed by demonstrations to homemakers.	April	Leaders who attend Training Meeting.

EVALUATION: Through formal or informal survey, determine the number of homemakers that practice art principles in everyday life.

PHASE: Clothing, Year - 1964 (Continued)

The Program Objective:

To improve sewing skills, to be able to select becoming clothing, and to increase knowledge of proper use of clothing accessories.

TEACHING OBJECTIVES	SOURCE OF SUBJECT MATTER	METHODS	WHEN	BY WHOM
To provide homemakers the knowledge & skills necessary to construct an acceptable, attractive hat.	Extension bulletins Professional literature	Demonstrations & actual practice by homemakers in a two-day workshop special interest meeting.	March September	Milliner
To assist homemakers with the selection of accessories from the standpoint of what they do for an outfit and for the individual.	Extension bulletins Professional magazines Books	Leader Training Meeting followed by demonstrations to homemakers.	April	Leaders who attend training meeting.
To assist homemakers with the alteration of ready-made clothing.	Extension bulletins	Special Interest Meeting where demonstrations & actual practice are involved.	April	Agent

EVALUATION: Through formal and informal surveys determine the number of homemakers that (a) practice recommended procedures used in clothing construction, alteration, and hat construction, (b) changed methods of selecting clothing and accessories. Some measurement should be made of the homemaker's knowledge and skills in these areas at the start of the educational program as well as at the end.

A MAJOR EMPHASIS - EDUCATIONAL PLAN

PROJECT AREA: EXTENSION HOME ECONOMICS

PHASE: Clothing, Year - 1964

The Situation:

Many homemakers construct their own clothing. Many more could do so with knowledge and skills in clothing construction. Those familiar with basic clothing construction techniques have little or no knowledge of tailoring techniques. Becoming clothing to the individual is not always worn. Knowledge of when and where to wear accessories is difficult for most people to decide. Knowledge of construction techniques in hat construction is lacking. Many women are unable to alter ready-made clothing satisfactorily.

The Specific Problem:

Homemakers lack knowledge of steps in clothing which make garments appear professionally constructed and provide an opportunity for saving money from the clothing dollar. Selection of becoming clothing for each individual is difficult in many instances. Many women have little knowledge of which accessories are appropriate for different occasions. Lack of skills in detailed construction of hats has caused these items to be completed in a substandard manner. The women are unable to alter ready-made garments in an acceptable manner.

TEACHING OBJECTIVES	SOURCE OF SUBJECT MATTER	METHODS	WHEN	BY WHOM
To provide homemakers knowledge & skills in the techniques of tailoring a suit or coat.	Extension bulletins	Demonstrations & actual practice by homemakers in a workshop special interest meeting.	January February	Agent
To provide homemakers knowledge & skills in advanced clothing construction.	Extension bulletins	Demonstrations & actual practice by homemakers in a workshop special interest meeting.	February March September October	Agent
To provide homemakers knowledge & skills in basic clothing construction.	Extension bulletins	Demonstrations & actual practice by homemakers in a workshop special interest meeting.	February March	Agent
To assist homemakers with a study of lines and designs in relation to each other & to figure proportions & their application to clothing selection.	Extension bulletins Professional magazines Books	Leader Training Meeting followed by demonstrations to homemakers.	March	Leaders who attend training meeting.

PHASE: Extension Tennessee Valley Authority - Test Demonstration Farms (Continued)

The Program Objective:

To show farmers how to increase farm income by using better practices on Extension-TVA Unit Test Demonstration Farms.

To show by local farm demonstrations how farm income may be increased by using better practices.

The Extension  
 Three dairy farmers have recently completed their leases as Extension-TVA unit demonstrators in Henry County. They have been replaced by three outstanding young farmers, including one purebred Hereford breeder, and two commercial bright tobacco growers and commercial Angus breeders. Their needs regarding and how their conservation and management practices, general husbandry practices and livestock farmers in Henry County can benefit by the same kind of improvement. Demonstrations are needed to show that can be done by using better practices.

The Specific Problem:

Tobacco and beef cattle farmers cannot continue to make a living from farming unless they find some way to produce more economically.

TEACHING OBJECTIVES	SOURCE OF SUBJECT MATTER	METHODS	WHEN	BY WHOM
5. Selecting good herd sires.	Purebred breeders, County Agent, V.P.I. Specialists	Show at this field day and at other times the system of records that is being kept by the demonstration farmer.		
6. Preparing cattle for market.	County Agent			
7. How to produce high yields of roughage & grain	Circulars, 374, 541, 678 Leaflets 40, 135 Leaflet 146- Feeding Corn Silage in Beef Cattle Production Leaflet 153 - Here's When to Harvest Corn Silage	Hold tobacco meetings Visit tobacco growers & help them with problems. Discuss methods used at TVA Field Day.	January July	County Agent V.P.I. Specialist Tobacco Specialist
8. High Yields of Better Flue-Cured Tobacco.	Circulars 437, 386, 912 Leaflets 8, 32 VPI Specialists - County Agent MS-107 - MS-1	Mail copy of Circular 386 to every tobacco farmer in county.	January	County Agent

A MAJOR EMPHASIS - EDUCATIONAL PLAN

PROJECT AREA: AGRICULTURAL PRODUCTION, MANAGEMENT AND NATURAL RESOURCE DEVELOPMENT

PHASE: Extension Tennessee Valley Authority - Test Demonstration Farms

Year - 1964

The Situation:

Three dairy farmers have recently completed their tenure as Extension-TVA test demonstrators in Henry County. They have been replaced by three outstanding young farmers, including one purebred Hereford breeder, and two combination bright tobacco growers and commercial Angus breeders. Their record keeping can be improved and so can their conservation and management practices. Several hundred tobacco and livestock farmers in Henry County can benefit by the same kind of improvement. Demonstrations are needed to show what can be done by using better practices.

The Specific Problem:

Tobacco and beef cattle farmers cannot continue to make a living from farming unless they find some way to produce more economically.

TEACHING OBJECTIVES	SOURCE OF SUBJECT MATTER	METHODS	WHEN	BY WHOM
Give farmers information & assistance on:				
1. Farm records	V.P.I. Farm Management Specialist County Agent	Visit farmers & help them start record keeping.	February	VPI Specialist in farm management.
2. Culling undesirable cows.	Animal Husbandry Specialists County Agent	Visit farmer & discuss herd management with him, including such items as breeding, feeding, marketing, pastures, hay, silage, etc.	Any time	Farmers
3. Better feeding methods.	County Agent V.P.I. Specialists	Encourage farmers to attend forage production & handling meetings.	January	County Agent
4. Cattle insect control.	County Agent & Entomologist	Hold a field day on one of the Test Demonstration farms and show farmers the results that can be obtained from the use of large amounts of fertilizer.	July	County Agent T.V.A. Supervisor

Evaluation:

Personal observations of progress will be made at visits to farms during the year.



A MAJOR EMPHASIS - EDUCATIONAL PLAN

PROJECT AREA: AGRICULTURAL PRODUCTION, MANAGEMENT AND NATURAL RESOURCE DEVELOPMENT

PHASE: Animal Husbandry - Production and Feeding Commercial Beef Cattle

Year - 1964

The Situation:

There are 176 farms in Henry County with commercial herds numbering ten or more head. Most of these herds are owned by tobacco growers who use them as a supporting enterprise in their tobacco farm operations. Most of these farms could produce much more roughage and grain than they are currently producing. They need more beef cattle to convert more roughage and grain into choice beef which is in demand throughout the year. Beef cattle do not interfere with other farm operations.

The Specific Problem:

Income from cattle cannot be increased until roughage and grain yields are increased, and the quality of the cattle is increased.

The Program Objective:

Increase income by increasing the production of roughage and grain, and improving the quality of beef cattle.

TEACHING OBJECTIVES	SOURCE OF SUBJECT MATTER	METHOD	WHEN	BY WHOM
Give farmers all available information & assistance on: 1. How to produce more hay per acre. 2. How to produce high yields of silage corn & grain per acre. 3. Encourage farmers to purchase fast growing performance tested bulls.	County Agent VPI Specialists Cir. 374 Alfalfa Production in Virginia. Cir. 678 Red Clover Production in Virginia Cir. 615 Grow More Feed With A Forage Plan. Leaf. 40 Here's How to Seed That Pasture. Leaf. 135 Winter Pasture Using Cover Crops. Cir. 541 Why Settle for Less? 100 Bushels Per Acre. Bul. 207 Beef Cattle USDA Farmers Bulletin 1820	Send bulletins and circulars to every beef cattle producer. Visit as many beef cattle producers as possible. Give following demonstrations in cooperation with farmer. 1. Building trench silo. 2. Building bunker silo. 3. Filling trench silo. 4. Filling bunker silo. 5. Growing silage corn. 6. Demonstrate methods of feeding silage.	July  August August August August August	Co. Agent  Co. Agent Co. Agent Co. Agent Co. Agent Co. Agent



A MAJOR EMPHASIS - EDUCATIONAL PLAN - SOLAN A

PROJECT AREA: AGRICULTURAL PRODUCTION, MANAGEMENT AND NATURAL RESOURCE DEVELOPMENT

PHASE: Entomology and Pathology - Management and Control of Insects in Plants and Animals.

Year - 1964

The Situation:

Insects and diseases have become quite a problem in tobacco, home orchards, gardens, lawns, ornamentals, and livestock. Generally speaking they are becoming more difficult to control. The alfalfa weevil is taking its toll.

The Specific Problem:

Japanese beetles are reducing yields of fruit and vegetables, and destroying ornamentals. Fire blight is taking a heavy toll on apples, pears, and certain ornamentals. Insects and diseases are severe in some lawns and golf courses. Blackshank and brownspot are on the increase. The alfalfa weevil and the pea aphid almost destroyed a number of fields of alfalfa after Heptachlor was applied in the fall.

The Program Objective:

To reduce the Japanese beetle population and get better control of other insects and diseases of plants and animals. To give timely control to the alfalfa weevil.

TEACHING OBJECTIVES	SOURCE OF SUBJECT MATTER	METHOD	WHEN	BY WHOM
Assist home owners and farmers in:	County Agent.			
1.Reducing the Japanese beetle population.	State bulletin on Japanese beetle. Agri. Handbook No. 120 Cir. 638 Spraying Fruit Ec. 4 Milky Disease	Give information by telephone, radio, letters, bulletins, & newspaper. Give the following demonstrations:	July	
2.Controlling garden & fruit insects & diseases.	Bul. 53 Lawn Insects Cir. 635 Tomato Diseases Cir. 643 Fire Blight	1. Apply Chlordane to affected areas. 2. Apply Milky Spore disease to lawns.	July	County Agent
3.Controlling tobacco diseases.	MS 110 Tobacco Insect Control Bul. 152 Tobacco Diseases	3. Spray fruit & shrubs with DDT.	July	County Agent
4.Controlling the alfalfa weevil.	Flue Cured Tobacco Diseases American Tobacco Co.	4. Spray garden with Copper Rotenone and Sevin.	July	County Agent
5.Controlling animal diseases & insects.	MS-105 Control the Alfalfa Weevil CO-RAL spray control for Grubs- Screw Worms-Lice-Ticks and Horn Flies. Bul. 46 Insects & Diseases of Vegetables in the Home Garden.	Send tobacco specimens to Pathologist at VPI. 5. Show home owners how to use streptomycin sulfate for fire blight. 6. Show farmers how to spray alfalfa with Malathion for weevil	All summer When buds show pink. April	County Agent

TEACHING OBJECTIVES	SOURCE OF SUBJECT MATTER	METHODS	WHEN	BY WHOM
7. How to produce high yields of corn silage per acre.	Cir. 678 "Red Clover Production in Virginia." Cir. 615 "Grow More Feed With A Forage Plan."	Test the farmers hay & silage & help him to arrange to feed according to DHI records.	September	County Agent
8. How to produce more hay per acre.	Leaf. 40 "Here is How to Seed that Pasture." Leaf. 135 "Winter Pasture with Cover Crops." Cir. 541 "Why Settle for Less" 100 Bushels Per Acre.	Help the dairyman and his workers to get on the managed milking program. Help him check over his milking equipment & recommend the necessary repairs & adjustments. Urge dairymen to attend forage production meeting.	6 month intervals	County Agent Dairy Supply Fieldman
		Send each dairyman the bulletins he needs on growing hay, pasture, & other forage crops.	January 16	County Agents
		Provide plans for building rat and bird proof grain storages. Help farmers in selecting hay drying and handling equipment.	January & February	County Agent
		Give farmers up-to-date information on harvesting, storing, and feeding silage.	Any time	Specialist
		Get farmers to visit other dairy operations.	Any time	County Agent

A MAJOR EMPHASIS - EDUCATIONAL PLAN

PROJECT AREA: AGRICULTURAL PRODUCTION, MANAGEMENT AND NATURAL RESOURCE DEVELOPMENT

PHASE: Dairy Husbandry - Production of Grade "A" Milk - Year - 1964

The Situation:

There are ten grade "A" dairy herds in Henry County ranging in size from thirty to ninety cows, plus about the same number of young stock. The cost price squeeze has made it necessary that they become more efficient or be forced out of business.

The Specific Problem:

Net income from the production of grade "A" milk cannot be increased until milk production per cow and per acre yields of grain and forage are increased.

The Program Objective:

Increase net income by higher milk production per cow and by increasing per acre yields of grain and forage.

TEACHING OBJECTIVES	SOURCE OF SUBJECT MATTER	METHODS	WHEN	BY WHOM
<p>Give farmers all available information &amp; assistance on:</p> <ol style="list-style-type: none"> <li>1. Culling low-producing cows.</li> <li>2. Better breeding methods.</li> <li>3. Better feeding methods.</li> <li>4. Better milking procedure.</li> <li>5. Mastitis control.</li> <li>6. How to produce high yields of corn, oats &amp; barley per acre.</li> </ol>	<p>County Agents. VPI Specialists. DHIA Supervisor. Artificial Inseminator.</p> <p>Local Veterinarian. Cir. 374-"Alfalfa Production in Virginia."</p>	<p>Visit the dairy farmer, go over the DHIA records with him, look at the cows and determine the order in which they should be culled. Guide the farmer in his breeding program. Help him to arrange his breeding program to fit in with market milk demands. Suggest to him which cows should be artificially bred &amp; which should be naturally bred.</p>	<p>December</p>	<p>County Agent</p>

Evaluation:

Observations will be made through personal visits to the farms.

A MAJOR EMPHASIS - EDUCATIONAL PLAN

PROJECT AREA: AGRICULTURAL PRODUCTION, MANAGEMENT AND NATURAL RESOURCE DEVELOPMENT

PHASE: Horticulture - Care of Lawns and Shrubbery

Year - 1964

The Situation:

Thousands of dollars are spent annually on lawns and shrubbery. Lawns and shrubbery become problems of improper care and neglect. On account of this situation home owners lose thousands of dollars annually.

The Specific Problem:

Lawns dying because of close mowing, poor weed control and lack of plant food. Shrubbery going to waste due to the lack of pruning.

The Program Objectives:

To reduce the tremendous annual loss to home owners through the proper care and management of lawns and shrubbery.

TEACHING OBJECTIVES	SOURCE OF SUBJECT MATTER	METHOD	WHEN	BY WHOM
Show home owners and yardkeepers:	County Agent	Give the following demonstrations:		
1. The proper height to cut grass.	V.P.I. Specialist	1. Mowing lawn.	July	County Agent
2. How to control weeds:	Bul. 243 Lawns for Virginia	2. Watering lawn.	July	Weed Specialist
a. By lawn management.	Cir.320 Lawn Weed Control	3. Controlling weeds by management, pulling, and with chemicals.	July	Horticulture Specialist
b. The use of chemicals.	USDA 53 Lawn Insects	4. Fertilizing		Garden Supply Dealer
c. Pulling weeds.	MS 117 Control of Turf Insects	5. Pruning	March 4	Cooperating. Ornamental Horticulture Specialist
3. How to fertilize.	Cir. 802 Controlling Lawn & Turf Diseases			
4. How to water lawn.	Cir. 834 Pruning Ornamental Plants.			
5. How to keep shrubbery by proper pruning & care.	Bul. 217 Design of the Home Grounds			
	Bul. 189 Garden Roses for Virginia.			
	Cir. 503 Boxwood in Virginia			
	Cir. 824 Attractive Driveway Entrances.			

Evaluation:

Informal personal observations will be made of a number of homes having lawns and shrubbery.

PLAN OF WORK

HENRY COUNTY

1964

Joan V. Ricketts, Home Demonstration Agent  
(Mrs.) Sarah C. Chisenhall, Assistant Home Demonstration Agent  
George D. Pollard, County Agent  
Harry Little, Assistant County Agent