

PLAN OF WORK

1962-63

CHARLOTTE COUNTY EXTENSION SERVICE

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A MAJOR EMPHASIS - EDUCATIONAL PLAN  
 Project Area: Agricultural Production, Management and  
 Natural Resource Development

Phase: Corn - Controlling Weeds Through the Use of Chemicals  
 Fiscal Year: 1962-63

The Situation

Average corn yields in Charlotte County are about 40 bushels. At this yield there can be very little financial profit in corn production. Because of the way the root system of corn develops, intensive mechanical cultivation damages the roots. If weeds are not adequately controlled, yields may be reduced 25 to 50%. Corn is needed on almost every farm in Charlotte County as a feed for livestock, dairy cattle, workstock and poultry. It might be grown as a cash crop if yields are sufficiently high. Probably 50% of the corn fed in Charlotte County is imported.

The Specific Problem:

To increase the yields of corn so that it could be produced at a satisfactory profit.

The Program Objective:

To increase corn yields by means of chemical weed control.

TEACHING OBJECTIVES	SOURCE OF ASSISTANCE (Personnel and Publications)	METHODS	WHEN	BY WHOM
Assist farmers:		Hold meetings at demonstrations		
1. To become familiar with chemicals used for weed control.		to show results.	July	Agent
2. To acquire skill in using these chemicals.		Publicize results through newspapers and radio	Sept., Oct	Agent
3. To understand extent of weed damage to corn	Chemical Weed Control Guide for Virginia, Circ. 728	Hold meetings, using slides to show extent of weed damage	March	Specialist and Agent
4. To realize possible damage to root system from intensive cultivation	Spraying Weeds in Corn with 2,4-D, Circ. 652 Experiment Station Slides	Select demonstrators who will use chemicals for weed control	April	Specialists and Agent
		Hold meetings on demonstrators farms to show proper procedures in preparing sprayers and spraying	April	
		Publicize chemical weed control through press and radio		

EVALUATION:

By contacts with dealers and farmers, estimates will be made as to acreages treated with chemical to control weeds in corn. These figures will be compared with those of previous years.

A MAJOR EMPHASIS - EDUCATIONAL PLAN  
Project Area: Agricultural Production, Management and  
Natural Resource Development

Phase: Dairy - Increasing Supply of High Quality Forage

The Situation:

According to the annual D.H.I.A. report, the average cost of feeding each cow for 1961 was \$240.00. Feed makes up approximately 50% of the total cost of production. The margin between cost of production and cash returns from milk is small. There is a surplus of milk on practically all markets. The dairy committee is greatly concerned about this surplus situation combined with the high cost of producing milk.

The Specific Problem:

The small margin between the cost of production of milk and the cash returns.

The Program Objective:

To reduce feed cost and thereby increase net income of dairymen in the county.

TEACHING OBJECTIVES	SOURCE OF ASSISTANCE	METHODS	WHEN	BY WHOM
<u>Assist Dairymen:</u>	(Personnel and Publications):			
1. To learn less expensive methods of storing and feeding silage	"Mechanized Forage Handling" Slides & Script What Is Good Silage? Commercial Publication Silos and Silage Bul. 232 Bunker Silos AIB 149	By personal contacts promote laboratory testing of forage materials as soon as this service is available News stories in local papers will report results of attempts to lower production costs.	July October Nov. Dec.	Agent and Dairy Com- mittee Agent
2. To understand substitution rates of forage for grain	Good Forages the Key to Dairy: Profits, Leaflet 145	Hold meetings for dairymen Furnish specific information to dairymen on relating costs of 100 lbs TDN from various sources,	February March	Agent and Specialists
3. To acquire ability to compare feed as to cost per 100 lbs. TDN	More Milk Dollars from High Energy Forage Circ. 903 Producing Quality Forage Slides and Script	Publicize feeding practices that can lower cost of production through press and radio	March	Agent

EVALUATION:

Simple questionnaire will be used to determine the extent to which dairymen have been able to reduce feed costs by feeding more high quality forage.

Study DHIA reports to determine changed feeding practices.

A MAJOR EMPHASIS - EDUCATIONAL PLAN  
 PROJECT AREA: AGRICULTURAL PRODUCTION, MANAGEMENT  
 AND NATURAL RESOURCE DEVELOPMENT  
 PHASE: Agronomy - Tobacco Fertilization According to Soil Type, 1962-63

The Situation:

Tobacco farmers are using the same rates of fertilizer on all soil types, not taking into consideration the productive capacity of the soil type. Most farmers have several types on the farm and could produce a more economical crop by using soil type as a guide to fertilizer rates.

The Specific Problem:

Failure of tobacco farmers to use soil type as a guide to fertilization.

The Program Objective:

To motivate the thinking of the farmer toward use of soil type as a guide to fertilization thus producing a more economical crop of tobacco.

TEACHING OBJECTIVE	SOURCE OF SUBJECT MATTER	METHODS	WHEN	BY WHOM
Assist tobacco producers to:	Agronomy Staff	Visit demonstrations and plan	July	Agent & Chr.
	SCS Soil Scientist	community field day		Tob. Committee
1. Recognize basic soil types	VPI Bul. 397	Hold community meetings on	Aug.	Agent,
	VPI Bul 97	demonstration site		Specialists
2. Fertilize tobacco using soil type as a guide.	VPI Bul. 183	Determine yield on areas where:	Oct.-Nov.	Agent,
	VPI Bul. "Soils of Va."	practical		Demonstrator
	VPI Leaflet 22	Analyze results	Nov.-Dec.	Agent, Tob. Com.
	VPI Leaflet 32	Organize subject matter mater-	Jan.-Feb.	Agt., Specialist
	VPI Leaflet "Key to Piedmont Soils"	ial		
	Soil Survey of Nottoway County	Involve tobacco committee to	Jan.-Feb.	Agt.
		help execute county program		
		Tour to acquaint farmers with	Feb.-Mar.	Agt., Specialist,
		basic soil types		Tob. Committee
		Select demonstrators to	Feb.-Mar.	Agt. Tob. Com.
		fertilize with varying rates		
		according to soil type capabil-		
		ity and acquaint with program		
		objective.		
		Type soil on demonstrators'	March	Specialist, Agt.
		farms.		

PHASE: Agronomy - Tobacco Fertilization According to Soil Type (Cont'd)

TEACHING OBJECTIVE	SOURCE OF SUBJECT MATTER	METHODS	WHEN	BY WHOM
:	:	: Submit soil samples from	: March	: Agent,
:	:	: demonstration areas	:	: Demonstrator
:	:	: Make final plans with demon-	: April	: Agent
:	:	: strators.	:	:
:	:	: Publicize demonstration as to	: Throughout	: Agent
:	:	: purpose, locations and names	: Year	:
:	:	: of demonstrators	:	:
:	:	: Apply fertilizer	: April	: Demonstrators

EVALUATION:

Determine through formal and informal methods: Percent and degree of participation of tobacco committee, attendance and acceptance of ideals at community meetings. Determine degree and extent of adoption of practice.

A MAJOR EMPHASIS - EDUCATIONAL PLAN  
 PROJECT AREA: 4-H AND OTHER EXTENSION YOUTH PROGRAM  
 PHASE: 4-H Soil and Water Conservation Project, 1962-63

The Situation:

Charlotte is primarily a rural county with 90% of the 293 boys in 4-H Clubs living on farms, and depending on farm income for a living. The Roanoke Creek Watershed covering approximately half the county is already in the process of being developed. Cub Creek Watershed in the other half of the county, is in the planning stage. Emphasis is being stressed by professional and lay people of the county on soil and water conservation. Only six of the 293 4-H boys are now carrying the soil and water conservation project, with 65 others using conservation practices in connection with their crops projects.

Specific Problem:

Lack of knowledge among older 4-H members of the needs of conserving our soil and water.

Program Objective:

To enroll more 4-H members in Soil and Water Conservation Project and hold older members in the clubs.

TEACHING OBJECTIVES	SOURCE OF ASSISTANCE	METHODS	WHEN	BY WHOM
1. To stimulate interest among both young and older 4-H members in conservation of our soils and water	: Extension and local soil conservationists : Bulletin #253, Soils : USDA BUL. Soils & Security : Agronomy Circ. 3, A Key to : Soils of Piedmont Virginia	: 1. Use of visual aids : 2. Visit to conservation projects : 3. Survey to determine interest among members	: July : Aug. : :	: Agents : Leaders : and 4-H members : :
2. To give more adult leaders an opportunity to work with 4-H members	: Local adult leaders : Professional workers : Printed materials on Soil	: Training meetings : Local group meetings : On farm assistance	: Nov.-Dec. : Jan.-Feb. : April-May : : :	: County Staff : Specialists : Leaders : : County Staff : :
a. Planning program	: Water Development needs	:	:	:
b. Carrying our program	:	:	:	:
c. Keeping records	:	:	:	:
3. 4-H members to learn more about soils.	: Soil Monoliths : Soil Scientist	: Visual aids : Demonstrations	: April-May : : :	: County Staff. : Specialists : 4-H members

EVALUATION:

Observed improvement in project work done and increase in enrollment in project work. Especially by older 4-H members. Increased attendance at project meetings, and interest among 4-H members.

A MAJOR EMPHASIS - EDUCATIONAL PLAN  
 PROJECT AREA: 4-H PROGRAM  
 PHASE: Clothing, Fiscal Year: 1962-63

The Situation:

Approximately 85% of the club members in Charlotte County are enrolled in clothing construction. About three-fourths of these are beginners in the 10 - 12 year age group with no previous experience in sewing.

The Specific Problem:

To locate leaders who are willing and capable of instructing members in the basis techniques.

The Program Objective:

To enable the club member to develop simple basic skills in clothing construction.

TEACHING OBJECTIVES	SOURCES OF SUBJECT MATTER	METHODS	WHEN	BY WHOM
To help member to develop skills in use of sewing equipment.	Extension bulleting	; Demonstrations by leaders ; and actual practice by members.	: July : to : July	: Trained : leaders and : skilled
To develop ability in following instructions on simple pattern.	Commercial Patterns	: Group and individual : instruction.	: continuous	: homemakers.
To learn to cut and construct a garment by a pattern.		: Exhibits, contests, dress : revues	: : : :	: : : :
To learn to select colors and patterns most pleasing to the individual		: : : :	: : : :	: : : :

EVALUATION:

A measurement of members skills and knowledge at beginning and end of year will reveal amount of experience gained in project. Competitive exhibits will further measure the skills acquired by the member.

A MAJOR EMPHASIS - EDUCATIONAL PLAN  
 PROJECT AREA: 4-H PROGRAM  
 PHASE: 4-H Nutrition, Fiscal Year 1962-63

The Situation:

Approximately 280 or 93% of the 4-H girls are enrolled in nutrition projects.

The Specific Problem:

To locate and train volunteer leaders to assist with project instructions.

The Program Objective:

To improve the understanding and skills of girls enrolled in food and nutrition projects.

TEACHING OBJECTIVES	SOURCE OF SUBJECT MATTER	METHODS	WHEN	BY WHOM
Teach the basic food groups.	: Trained homemakers and : extension specialists	: Method demonstrations : Home visits	: Continious : throughout	: Agent : Skilled
Teach how to read and follow a recipe.	: Bulletins - : C-436	: Community project group : instructions	: the year	: homemakers : and trained
Teach preparation of simple dishes	: C-383 : Mimeographed material	: Exhibits, Fairs, Other : Contest, county, district, : state	:	: leaders : Mothers of : girls enrolled.
Teach how to measure accurately.	:	:	:	:
Teach table setting and service	:	:	:	:
Teach food production	:	:	:	:
Teach food preservation - : canning and freezing	:	:	:	:
:	:	:	:	:

EVALUATION:

The response to leaders efforts, attendance and participation at community group meetings. Project completions indicating extent of activities. Participation at fairs and contests, quality of exhibits and number of entries. Observations on home visits. All of these would indicate the effectiveness of this project.

A MAJOR EMPHASIS - EDUCATIONAL PLAN  
PROJECT AREA: EXTENSION HOME ECONOMICS  
 PHASE: House Furnishings, Fiscal Year 1962-63

The Situation:

Many homemakers lack information on refinishing picture frames and using them to best advantage in their homes.

The Specific Problem:

Homemakers want to restore old picture frames. They want to learn the correct way to hang and use pictures most effectively.

The Program Objective:

To improve skills and enable homemaker to make her home more attractive.

TEACHING OBJECTIVES	SOURCE OF SUBJECT MATTER	METHODS	WHEN	BY WHOM
To provide homemakers with skills needed in refinishing and restoring picture frames	Extension Bulletins Circ. 557	Method Demonstrations	October	Trained Leaders
To teach the most effective use of pictures in the home	Circ. 218 Mimeographed Materials MK 80 Homemaking Magazines	Method Demonstrations	November	Trained Leaders

EVALUATION:

A questionnaire will be used to determine the extent to which this information has been applied. Participation at meetings in which frames will be refinished and observations during home visits will further reveal the extent to which this information was used.

A MAJOR EMPHASIS - EDUCATIONAL PLAN  
 PROJECT AREA: EXTENSION HOME ECONOMICS  
 PHASE: Clothing, Fiscal Year: 1962-63

The Situation:

Many homemakers lack the skills needed in making clothing for their families. Their clothing dollars could be extended with an increase in these skills.

The Specific Problem:

Homemakers lack the skills in clothing construction that would enable them to make attractive, well fitted garments for themselves. They need to learn and apply these skills in extending the use of garments already owned.

Program Objectives:

To improve sewing skills in cutting, fitting and construction.

TEACHING OBJECTIVES	SOURCE OF SUBJECT MATTER	METHODS	WHEN	BY WHOM
To teach how to interpret pattern instructions and markings.	Extension Bulletins No's. : 1964 : 1968	Demonstrations by agent and : trained leaders	Special : Interest : Groups to :	Agent and : leaders
To teach how to adjust patterns to individual measurements.	: 137 : 274 : MC 6	:	: be scheduled : throughout :	: year. :
To teach how to cut accurately	: MC 25, MC 25A, MC 25B, : MC25C, MC 129, MC 246,	:	:	:
To teach basic steps in construction	: MC 248, MC 249 : Charts and Posters	:	:	:
	:	:	:	:

EVALUATION:

Style Show or exhibit of garments made will be held.

A MAJOR EMPHASIS - EDUCATIONAL PLAN  
 PROJECT AREA: EXTENSION HOME ECONOMICS  
 PHASE: NUTRITION, Fiscal Year: 1962-63

The Situation:

Members of the 13 H. D. Clubs and the Nutrition Committee feel the need for basic information on meal planning and preparation. The rural nature of the county necessitates shopping in nearby towns. Women employed in industry do not have the opportunities that non employed women have. Much confusion has resulted from reducing aids and fad diets.

The Specific Problem:

The lack of basic nutritional information needed to maintain healthful family living.

The Program Objective:

To create an understanding of the basic food needs of the body through trained leaders in each community.

TEACHING OBJECTIVES	SOURCE OF SUBJECT MATTER	METHODS	WHEN	BY WHOM
1. To stimulate interest in better nutrition	Leader training workshops conducted by VPI specialists	1. Method demonstration in the 13 H. D. Clubs	August	Trained Adult Leaders
2. To provide local leaders with up to date information.	and the H. D. Agent			
3. To improve their skills in planning and preparing nutritious meals.	Bulletins provided by VPI U.S.D.A.8, USDA 10, Cir. 811 Bul. 74. Mimeographed materials	2. Bulletin racks to make mimeographed material available 3. Discussions 4. Talks over WFLO 5. News Articles 6. Exhibits	September	Trained Adult Leaders
4. To properly evaluate fad diets and reducing aids in the light of nutritional information Acquired.				
5. To apply good management practices to meal planning and food purchases				

EVALUATION:

Through informal survey determine to what extent the information has been used in (1) meal planning, (2) Meal preparation, (3) Weight Control.

OTHER FIELDS OF WORK

AGRICULTURAL PRODUCTION, MANAGEMENT AND NATURAL RESOURCE DEVELOPMENT

Tobacco  
Feed Grain Production  
Beef Cattle  
Farm Management  
Forestry  
Rural Areas Development

4-H AND OTHER EXTENSION YOUTH PROGRAMS

Projects

Dairy  
Livestock  
Poultry  
Crops  
Garden  
Electric I & II  
Safety  
Automotive  
Entomology  
Wildlife  
Forestry  
Home Improvement  
Housekeeping  
Laundry  
Ironing  
Home Grounds Beautification

Activities

District Contest  
District Camps  
State Short Course  
Electric Congress  
County-wide 4-H meeting  
Achievement Day  
4-H Club Sunday  
4-H Club Week  
Conservation Camp

EXTENSION HOME ECONOMICS

Housing

(a) Selection of house plans; (b) Remodeling; (c) Improved Storage; (d) Improved Work Centers;  
(e) Improved Lighting

Family Economics

(a) Management of Family Resources