

EXTENSION  
ANNUAL PLAN OF WORK

CAROLINE COUNTY

Fiscal Year 1962-63

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A MAJOR EMPHASIS - ORGANIZATIONAL PLAN

PROJECT AREA: AGRICULTURAL PRODUCTION, MARKETING  
AND NATURAL RESOURCE DEVELOPMENT

PHASE: Livestock - Committee, Fiscal Year: 1962-63

The Situation:

With beef cattle and hog numbers increasing in the county and a great interest being shown in feeder pig production, there appears to be a need for a larger and more active Livestock Committee to guide the educational programs.

The Specific Problem:

The present committee is too small with inactive members.

The Program Objective:

To increase the size of the committee to include more active members that will be willing to devote time and effort to an educational program that will provide for livestock expansion and improvement.

ORGANIZATIONAL OBJECTIVES	SOURCE OF ASSISTANCE	METHODS	WHEN	BY WHOM
1. To make each committee member feel that his knowledge and advice is needed in guiding the educational programs that will lead to livestock expansion and improvement.	Feed Company Representative VPI Specialist	1. Each committee member will be visited personally to request his services on the committee. At the time of this visit the purpose of the committee and his duties will be explained.	Nov.	County Agent
2. To make sure the first meeting is a success.		2. The first organizational meeting will be a dinner meeting with a feed company furnishing the meal. This first meeting will be well organized and planned. Educational objectives for the year will be developed by the group during this first meeting	Dec.	County Agent

ORGANIZATIONAL OBJECTIVES	SOURCE OF ASSISTANCE	METHODS	WHEN	BY WHOM
3. To keep the committee and members active		3. Additional meeting will be conducted as felt needed by the committee.  4. Publicity will be given to committee meeting by publishing news articles in county paper.	During the year when needed.  During the year as news is made	County Agent  County Agent

EVALUATION:

A survey by the sampling method will be made to determine the effectiveness of the committee.

A MAJOR EMPHASIS - EDUCATIONAL PLAN

PROJECT AREA: AGRICULTURAL PRODUCTION, MANAGEMENT  
AND NATURAL RESOURCE DEVELOPMENT

PHASE: SWINE - FEEDER PIG PRODUCTION, Fiscal Year: 1962-63

The Situation:

Caroline County is a surplus corn producing county and according to VPI Economist, corn marketed through feeder pigs at the present time will yield a greater return per bushel than by other methods of marketing. Recently organized feeder pigs sales have proved to be good market outlets for feeder pigs at profitable prices. Many farmers are producing pigs in small quantities and it is the feeling of the county livestock committee that feeder pig production should be increased. Since many farms in the county are too small for profitable production, increasing feeder pig production is one method of increasing the size of farm businesses in Caroline County.

The Specific Problem:

Too much corn is sold as cash grain instead of being fed for feeder pig production and the result being a reduced income for the county corn producers.

The Program Objective:

To increase feeder pig numbers in Caroline County which will result in a higher net income for the corn producers.  
To also increase the quality of feeder pigs produced in the county.

TEACHING OBJECTIVES	SOURCE OF SUBJECT MATTER	METHODS	WHEN	BY WHOM
1. To cause county farmers to become acquainted with the economic value of feeder pig production.		1. The county livestock committee will be requested to meet to plan the educational program and to select farms to be used as demonstrations.	August	County Agent
2. To assist county hog producers to acquire the knowledge and skill necessary to produce quality pigs.		2. A county feeder pig success story will be published in the county paper. 3. Results of Richmond and Tappahannock Feeder Pig Sales will be mailed to county swine producers, immediately following each sale.	Sept.  Each Month	County Agent  County Agent

TEACHING OBJECTIVES	SOURCE OF SUBJECT MATTER	METHODS	WHEN	BY WHOM
	VPI Bulletin 192 Mimeograph material Plans for hog houses: G-1.16	4. A circular letter on feeder pig production will be sent county swine producers.	Sept. Nov. Jan. Mar. May July	County Agent
		5. The bulletin "Hog Production in Virginia will be mailed to all county hog producers.	Sept.	
		6. A county meeting will be devoted to feeder pig production.	Jan.	County Agent & specialist
		7. A tour will be conducted to observe demonstration farms.	March	County Agent
		8. News articles will be written throughout the year on various phases of feeder pig production.	Oct. Dec. Feb. Apr. June	County Agent
		9. Farm visits will be made to assist farmers with the production of feeder pigs.	Through- out year	County Agent

Evaluation:

A record will be kept of the number of pigs sold through the feeder pig sales and compared with numbers sold in previous years.

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A MAJOR EMPHASIS - EDUCATIONAL PLAN

PROJECT AREA: AGRICULTURAL PRODUCTION, MANAGEMENT  
AND NATURAL RESOURCE DEVELOPMENT

PHASE: Poultry - Environmental Control in Housing, Fiscal Year: 1962-62

The Situation:

The poultry houses in Caroline County do not have adequate insulation and controlled ventilation for the most economical egg and broiler production. Experiments conducted by USDA Research Center at Beltsville show that controlled temperature and ventilation will give an increased egg production with less feed. With controlled environment the bird density can be greatly increased.

The Specific Problem:

Because the poultry producers in Caroline County do not have adequate insulation and ventilation for their poultry houses, they will not be able to compete with poultrymen with modern housing as the cost-price squeeze narrows unless the environment is improved in their poultry houses.

The Program Objective:

To have commercial poultry producers improve the environment of their poultry houses which will enable them to increase bird density and thereby reduce production cost.

TEACHING OBJECTIVES	SOURCE OF SUBJECT MATTER	METHODS	WHEN	BY WHOM
1. To cause county poultrymen to realize the economic value of environmental control in poultry houses.	VPI Ext. Bul. 269 Plans Nos. F-1.23 F-1.25	1. A meeting will be conducted to explain environmental control for poultry houses.	August	County Agent Specialist Power Supply Engineer
2. To acquaint each poultry producer with the procedure to follow to insure adequate environmental control.		2. Plans and information will be sent to commercial poultry producers.	July	County Agent
		3. Circular letters on environmental control in poultry houses will be sent to poultry producers	Aug. Nov. Feb. May	County Agent
		4. News articles will be published in the county paper on environmental Control for poultry houses.	July Oct. Mar. June	County Agent

TEACHING OBJECTIVE	SOURCE OF SUBJECT MATTER	METHODS	WHEN	BY WHOM
		5. Two laying houses will be converted to environmental control and used as demonstrations.  6. Meetings will be conducted at the two demonstration farms.  7. The agent and a power supplier engineer will visit poultry producers desiring to convert to environmental control and prepare the necessary plans for adequate environmental control.	July Aug.  Sept.  When re- requested	County Agent Specialist Power Supplier Engineer  County Agent Power Supplier Engineer

EVALUATION:

A survey will be made to determine the number of poultrymen who converted their houses to environmental control. Also an opinion of its value will be obtained.

A MAJOR EMPHASIS - EDUCATIONAL PLAN

PROJECT AREA: AGRICULTURAL PRODUCTION, MANAGEMENT  
AND NATURAL RESOURCE DEVELOPMENT

PHASE: Beef Cattle - Feeding Corn Silage, Fiscal Year: 1962-63

The Situation:

Because of the lack of silage facilities, many beef cattle producers are not feeding silage. According to an experiment conducted at Middleburg in 1960-61, feed cost per pound of gain in leaf steers can be reduced 11 cents per pound of gain by feeding unlimited amounts of high quality corn silage.

The Specific Problem:

Too few beef cattle producers are feeding corn silage which is one of the most economical feeds that can be fed beef cattle.

The Program Objective:

To increase the silage facilities in the county to enable more silage to be fed to beef cattle and thereby increasing the net income for the beef cattle producers.

<u>TEACHING OBJECTIVES</u>	<u>SOURCE OF SUBJECT MATTER</u>	<u>METHODS</u>	<u>WHEN</u>	<u>BY WHOM</u>
1. To cause Caroline Co. beef cattle producers to realize the economic value of feeding corn silage to beef cattle	VPI Extension Bulletin 2321 "Silos and Silage"	1. The economic value of corn silage and silo construction will be discussed at a county beef cattle meeting.	Jan.	County Agent Specialist
2. To provide beef cattle producers with the knowledge to construct a desirable silo with a suitable self feeding arrangement.	VPI Leaflet 146	2. A leaflet "Feeding Corn Silage in Beef Cattle Production" will be sent to county beef cattle producers.	Jan.	County Agent

TEACHING OBJECTIVES	SOURCE OF SUBJECT MATTER	METHODS	WHEN	BY WHOM
<p>3. To provide beef cattle producers with a knowledge of silage feeding.</p>	<p>Plans:            C-1929 Tilt-Up Below Ground Silo            C-1928 Tilt-Up Above Ground Silo            Ext. 5801 Self Feeding Fences For Bunker or Trench Silos.            USDA Bul. 149 "Bunker Silos</p>	<p>3. Three concrete tilt-up above ground silos constructed last year with self feeding arrangements will be used as result demonstrations and meetings will be conducted to allow interested persons to observe them.</p>	<p>Feb</p>	<p>County Agent</p>
		<p>4. A success story on the silos constructed last year with pictures will be published in the county paper.</p>	<p>Feb.</p>	<p>County Agent</p>
		<p>5. Plans will be provided persons interested in constructing silos</p>	<p>As Needed</p>	<p>County Agent</p>
		<p>6. Farm visits will be made to assist farmers in planning for silo construction.</p>	<p>As Needed</p>	<p>County Agent</p>
		<p>7. News articles will be published on silage feeding.</p>	<p>Oct.</p>	<p>County Agent</p>

EVALUATION:

A survey will be made to determine the number of silos constructed and compared with the number constructed in previous years. Also an effort will be made to determine the number of beef cattle being feed silage.

A MAJOR EMPHASIS - EDUCATIONAL PLAN

PROJECT AREA: AGRICULTURAL PRODUCTION, MANAGEMENT  
AND NATURAL RESOURCE DEVELOPMENT

PHASE: Corn - Weed Control, Fiscal Year: 1962-63

The Situation:

Just a small number of county farmers are using chemicals for weed control in corn. The combine has resulted in a heavy population of weed seed in the soil and on many occasions a rain will prevent cultivating at the proper time for weed control. The result being a reduced corn yield because of the excessive weed growth.

There are chemicals on the market today that will give excellent weed control for corn; therefore, the county agronomy committee has requested that a special educational program be devoted to weed control for corn.

The Specific Problem:

Many corn fields are heavily infested with weeds which interferes with harvesting and causes yields to be reduced.

The Program Objective:

To reduce the number of weed infested corn fields and thereby increase the corn yields which will result in an increased net income for the corn producers.

TEACHING OBJECTIVES	SOURCE OF SUBJECT MATTER	METHODS	WHEN	BY WHOM
1. To cause corn producers to realize the economic value of chemical weed control for corn.	MR 240 - Mar. 1962 By Allan Kates	1. The agronomy committee will be requested to plan the educational program and to select demonstrators.	Jan.	County Agent
2. To acquaint farmers with the procedure to follow in applying the chemical for weed control.		2. A meeting will be held to train 10 demonstrators.	Mar.	County Agent
		3. To hold a meeting for county corn producers on "the control of weeds in corn with chemicals"; Publicity will be given to this meeting by news articles, radio and special notice.	Mar.	County Agent & Specialist

TEACHING OBJECTIVES	SOURCE OF SUBJECT MATTER	METHODS	WHEN	BY WHOM
		4. A circular letter outlining the procedure for applying the chemical will be sent to county corn producers.	April	County Agent
		5. A news article will be published in the county paper on the control of weeds in corn with chemicals.	April	
		6. Ten method and result demonstrations will be started. Farmers will be invited to observe the method of application.	April May	County Agent & demonstrators
		7. Slides will be made at various stages of growth for showing at county meetings.	May June July	County Agent
		8. Community meetings will be held to observe the demonstrations during August & September of the following fiscal year. The meetings and demonstrations will be publicized by news articles and circular letters.		County Agent

EVALUATION:

A questionnaire will be sent to corn producers to determine the number using chemicals for weed control and to obtain their opinion on its value.

Under the project area, "Agricultural Production, Management and Natural Resource Development", work in addition to major emphasis programs will be conducted by the county agent as follows:

Livestock, dairy, poultry, vegetable and crop producers will be kept informed of new and improved methods of production. This will be accomplished by meetings, office and farm visits, circular letters, bulletins, and news articles.

The county agent will serve as secretary of the Hanover-Caroline Soil Conservation District and will assist with programs to promote soil and water conservation.

The agent will assist land owners with forestry production and management.

The county agent will work with 5 farmers participating in the VPI Electronic Record Program.

A MAJOR EMPHASIS - EDUCATIONAL PLAN

PROJECT AREA: MARKETING AND UTILIZATION OF AGRICULTURAL PRODUCTS

PHASE: Swine - Marketing Feeder Pigs, Fiscal Year: 1962-63

The Situation:

Organized feeder pig sales are proving to be a profitable method of marketing feeder pigs. In 1961, 2,899 pigs averaging 63 pounds each averaged \$16.46 per head at 6 Tappahannock Feeder Pig Sales. Many farmers are still content to sell their pigs at home for \$10.00 each in small lots when and if a buyer is available.

Both the Richmond and Tappahannock Feeder Pig Sales are available to Caroline County farmers. Richmond is having a sale every month and Tappahannock is having a sale every other month. Because of the excellent market outlet for feeder pigs at profitable prices, the county livestock committee is placing special emphasis on a program to encourage feeder pig producers to market their pigs through these organized feeder pig sales.

The Specific Problem:

Too few feeder pig producers are marketing their pigs through the organized feeder pig sales which has proved to be the most profitable method of marketing pigs.

The Program Objective:

To increase the number of feeder pig producers marketing pigs through the organized feeder pig sales and thereby increasing the net income for the county feeder pig producers.

TEACHING OBJECTIVES	SOURCE OF SUBJECT MATTER	METHODS	WHEN	BY WHOM
1. To cause county feeder pig producers to realize that a greater profit can be realized by marketing feeder pigs through organized sales	VPI Bul. 192	1. A county meeting will be devoted to marketing pigs through organized sales.	Jan.	County Agent
	Sales sheets showing results of each sale	2. Sales sheets showing results of Tappahannock and Richmond Feeder Pig Sales will be mailed to county hog producers immediately following each sale	Each Month after sale	County Agent
2. To teach them the rules and procedure to follow to market pigs through organized sales	Rules & regulations for Richmond & Tappahannock Feeder Pig Sales			

TEACHING OBJECTIVES	SOURCE OF SUBJECT MATTER	METHODS	WHEN	BY WHOM
		3. Rules and regulations for Richmond and Tappahannock Feeder Pig Sales will be sent to county swine producers along with the schedule dates for 1963 sales.	Jan	County Agent
		4. News articles and success stories will be published in the county paper	Feb. July	County Agent
		5. Farm visits will be made to inspect feeder pigs and to assist with marketing problems.	Each Month	County Agent & Inspection Committee

EVALUATION:

A record will be kept of the number of consignors and pigs sold and the average price received.

Under the project area, "Marketing and Utilization of Agricultural Products", work in addition to the major emphasis programs will be conducted by the county agent as follows:

The county agent will work with vegetable and tobacco marketing organizations. The agent will also work with Feeder Calf and Fat Cattle Sales Organizations

A MAJOR EMPHASIS - ORGANIZATIONAL PLAN

PROJECT AREA: EXTENSION HOME ECONOMICS

PHASE: Home Economics Council, Fiscal Year: 1962-63

The Situation:

Some work with committees for good lighting and nutrition has been done by the extension agent. Much work needs to be done in each of these fields for a good educational program.

The Specific Problem

Better opportunities for local leaders to function through Home Economic Committees is greatly needed.

The Program Objective:

To increase the scope and effectiveness of the Extension Home Economics Program through local leaders.

ORGANIZATIONAL OBJECTIVES	SOURCE OF ASSISTANCE	METHODS	WHEN	BY WHOM
1. To stimulate local leaders to promote a better Home Economics Program in Caroline Co.	District Agent Subject Matter Specialist	1. Survey to determine interests and needs.	July	Home Agent
2. Secure support of local leaders in promoting recommended program.	Extension Bulletins	2. Pre-plan first meeting with District Agent.	June	Home Agent
	Local Leaders	3. Provide for means of instruction to local groups	As Planned	Leaders

EVALUATION

Informal reports to measure efforts and progress of specific projects attempted.

A MAJOR EMPHASIS - EDUCATIONAL PLAN

PROJECT AREA: EXTENSION HOME ECONOMICS

PHASE: Food and Nutrition, Fiscal Year: 1962-63

The Situation:

Food is always an interesting topic to homemakers. Best principles of food and nutrition are not considered in food selection.

The Specific Problem:

Homemakers promote poor eating habits by providing too many sweets and other foods poor in nutritional value.

The Program Objective:

To improve diets by feeding the family attractive dishes high in calcium and vitamin C. content.

TEACHING OBJECTIVES	SOURCE OF SUBJECT MATTER	METHODS	WHEN	BY WHOM
1. To give homemakers a working knowledge of importance of Vit. C. in diet. Show inexpensive ways of including Vit. C. in diet.	Extension Bulletins Recipes	1. Demonstration and Discussion	May	Leaders trained by agent
2. To give homemakers working knowledge of importance of calcium in diet. Show ways adequate amounts may be obtained.	Extension Bulletins Recipes National Dairy Council	2. Demonstration and discussion	June	Leaders trained by agent

EVALUATION

Check formal and informal on diets . Increased use of foods stressed.