

COOPERATIVE EXTENSION SERVICE WORK  
IN  
AGRICULTURE AND HOME ECONOMICS

U. S. DEPARTMENT OF AGRICULTURE &  
VIRGINIA POLYTECHNIC INSTITUTE  
COOPERATING

EXTENSION SERVICE  
LOCAL FARM AND HOME  
DEMONSTRATION WORK

PLAN OF WORK  
1962-63

COUNTY

CUMBERLAND

NAME JAMES C. AYRES

Local Farm Agent

NAME \_\_\_\_\_

Local Home Agent

NAME \_\_\_\_\_

Asst. Local Farm or Home Agent

DATE MAILED 2/23/62

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A MAJOR EMPHASIS - EDUCATIONAL PLAN

PROJECT AREA: AGRICULTURAL PRODUCTION, MANAGEMENT  
AND NATURAL RESOURCE DEVELOPMENT

PHASE: AGRONOMY - CROP FERTILITY AND RECOMMENDED SEEDS - JULY 1962 to JUNE 1963

The Situation:

The present rate of fertilizer - around 200 pounds per acre for most crops with the exception of tobacco - is far inadequate to bring economical yields on the approximately 350 Negro farms in the county. The amount of fertilizer used by the farmers could be doubled or even tripled in order to bring crop yields up to profitable levels. Approximately 40 percent of the Negro farmers are not using recommended seeds. A crop fertility program coupled with emphasis on recommended seeds should be a step toward improving yields on corn, small grains, hay, and pastures in Cumberland County.

The Specific Problem:

Low crop yields - corn yields, small grain yields, pasture yields, and hay yields - on most farms in Cumberland County.

The Program Objective:

To increase the yields of crops for grain, hay, and pastures thereby lowering the cost per unit of production and thereby producing ample and economical feed for livestock.

<u>TEACHING OBJECTIVES</u>	<u>SOURCE OF ASSISTANCE</u>	<u>METHODS</u>	<u>WHEN</u>	<u>BY WHOM</u>
Assist the crop growers to:	State Agronomy Staff	1. Organize subject-matter material.	Aug. - Sept.	Agent with SCS
1. Become familiar with and understand the recommended fertilizer practices.	State Agric. Economics Staff. "Estimating the Cost of Producing Crops"	2. Involve Advisory Board, Agronomy committee and Young Farmers Club.	Aug.-Sept.	Agent

CROP FERTILITY

TEACHING OBJECTIVES	SOURCE OF ASSISTANCE	METHODS	WHEN	BY WHOM
2. Understand the why of good seeds.				
3. Understand the cost per unit of productions and how it is affected by yields.	Bulletin 183 "Fertilizer Recommendations for Virginia".	3. Send small grain, pasture and hay fertility recommendations to farm families.	Aug. - Sept.	Agent
4. Acquire necessary skills in using this.	VPI Leaflet 84 "So You Want to Have Your Soil Tested".	4. Select demonstrators and submit soil samples.	Sept.	Agent & Agronomy Committee
	Bulletin 97 "Agronomy Handbook"	5. General meetings and publicity for the fertility program.	Oct.-Nov.	Agent & Advisory Board
	"Circular 886 "Field Crop Varieties"	6. Organize Subject-matter material for corn fertility.	Dec.	Agent
		7. Meetings of the Advisory Board and Agronomy Committee.	Jan.	Agent
		8. Select Demonstrators for corn and submit soil samples	Feb.	Agent & Agronomy Committee

CROP FERTILITY

<u>TEACHING OBJECTIVES</u>	<u>SOURCE OF ASSISTANCE</u>	<u>METHODS</u>	<u>WHEN</u>	<u>BY WHOM</u>
.	.	9. General meetings on corn fertility and production.	March	Agent & Farmers
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.	.	10. Send corn production recommendations to farm families.	March - April	Agent
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Circular 541	.	11. Field meetings at small grain and pasture demonstrations.	March	Agent & Specialist
"100 Bushel Corn Per Acre"	.	.	.	.
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Circular 886	.	12. Give publicity to corn and pasture fertility and have final planning session with demonstrators on how to conduct demonstrations.	April	Agent
"Field Crop Varieties"	.	.	.	.
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Circular 533	.	13. Preparation of land and planting crop for demonstration.	April - May	Demonstrators
"Top-Dress Pastures"	.	.	.	.
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.	.	14. Recheck small grain demonstrations and analyze results.	June	Agent & Demonstrators
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PROJECT AREA: AGRICULTURAL PRODUCTION, MANAGEMENT  
AND NATURAL RESOURCE DEVELOPMENT

PHASE: LIVESTOCK PRODUCTION - SWINE PRODUCTION - JULY 1962 - JUNE 1963

The Situation:

Many of the Negro farmers in the county are still using swine breeding stock of a poor meat type and slow rate of growth which give poor feeding efficiency. Obtaining a better breeding types of swine will help the farmer produce better pigs which will be in demand and also will aid him to grow market hogs more quickly. Many of the farmers require at least 12 months to get hogs to market. It is felt that a better swine breeding stock will enable the grower to market earlier and more efficient.

The Specific Problem:

Inferior breeding stock found on most farms in Cumberland County.

The Program Objective:

To improve the type and quality of hogs produced in the County.

TEACHING OBJECTIVES	SOURCE OF ASSISTANCE	METHODS	WHEN	BY WHOM
Assist the county's Hog Growers to:	State Livestock Staff	1. Continue efforts already started on improving swine production	July-Aug. & Sept.	Agent & Demonstrators
1. Understand the importance of good breeding animals.	Bulletin 192 "Hog Production In Virginia"	2. Organize Subject-matter material	Sept.	Agent
2. Become familiar with recommended breeding practices.				

SWINE PRODUCTION

TEACHING OBJECTIVES	SOURCE OF ASSISTANCE	METHODS	WHEN	BY WHOM
3. Become familiar with the type of hogs demanded.	Bulletin 216 "Judging Livestock"	3. Meeting of live-stock committee to plan and execute swine improvement.	Oct.	Agent & Committee
4. Acquire necessary skills in utilizing good breeding practices and breeding animals.	Bulletin 524 "Virginia Livestock Marketing Guide"	4. Utilize 4-H Projects and 4-H Leader in Swine Improvement Work.	Oct.-June	Agent 4-H Member & 4-H Leader
		5. General Meetings on Swine production.	Nov.-Dec. & Jan.	Agent & Specialist
		6. Obtain demonstrators and give publicity to swine improvement	Nov.-Dec.	Agent & Committee
		7. Meeting at demonstrations.	Jan.-June	Agent & Growers
		8. Market animals for comparison	Jan.-June	Agent & Growers
		9. Write up news article and details of project.	Jan.-June	Agent & Growers
		10. Analyze results and plan for their use.	June	Agent & Committee

PROJECT AREA: COMMUNITY AND PUBLIC AFFAIRS

PHASE: COMMUNITY IMPROVEMENT WORK, JULY 1962 - JUNE 1963

The Situation:

There are 22 families with a total of 126 individuals living in the Cedar Fork Improvement Community. Approximately one-half of the 126 individuals are of school age. There is a great need for improved agricultural and homemaking practices in the community to elevate the level of living. Many farmers do not follow recommended practices. There also exist a great need for education among the youth in the community. Many do not finish high school. The community consist of 293 acres in crop land, 73 acres in pastures, and 351 acres in forest.

The Specific Problem:

A low level of living among the families in the community. The youth need to continue school.

The Program Objective:

To develop community spirit and to improve the agriculture in the community thereby raising the level of living among the people. To teach the parent the value of educating their youth.

TEACHING OBJECTIVES	SOURCE OF ASSISTANCE	METHODS	WHEN	BY WHOM
Assist the families in the community to:	Community Improvement Committee	1. Improvement Community Meeting	July	Agent & Committee
1. Develop pride and community spirit	.	.	.	.
2. Become familiar with and understand the practices necessary for good farming.	Agricultural Advisory Board	2. Community Meeting A. School Official B. Vo-Ag. Department	Sept.	Agent, Committee School Official & Vo-Ag. Instructor
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COMMUNITY IMPROVEMENT

TEACHING OBJECTIVES	SOURCE OF ASSISTANCE	METHODS	WHEN	BY WHOM
3. Understand the value of youth education	Bulletin 211 "Organizing Community Improvement Clubs"	3. Plans and Goals Meeting	Nov.	Agent, Committee & Community
	Bulletin 97 "A Handbook of Agronomy"	4. Crop Recommendation	Jan.	Agent & Community
	Bulletin 183 "Fertilizer Recommendations for Virginia"	5. Select Demonstrations and crop recommendations	March	Agent & Committee
	Circular 886 "Field Crop Varieties"	6. Individual contacts and assistance	May	Agent & Committee
		7. Community Tour and Summary	June	Agent, Community & Demonstrators

PROJECT AREA: FOUR-H AND OTHER EXTENSION YOUTH PROGRAMS

PHASE: 4-H PROVIDING LEARNING OPPORTUNITIES AND EXPERIENCES

The Situation:

There are approximately 1,200 Negro youths of school age in the county and approximately one-half of these youths are between the ages of 10 and 20 years old. With farm machinery and automation taking over the rural areas, many of these youths find themselves with idle time which they can use more beneficial through 4-H work and its activities. Many of the youths find themselves marrying at an early age, and many find themselves entering the labor force at an early age; therefore, the information they learn through 4-H work help adjust more readily to adult responsibilities. The learning opportunities and work experience provided through 4-H have been very helpful in the county's youth development program.

The Specific Program:

The boys and girls in the county need opportunities to learn and useful work experience as provided by 4-H to help them develop fully.

The Program Objective:

To provide 4-H organizations throughout the county in which youth may join to receive instruction and useful work experience.

TEACHING OBJECTIVES	SOURCE OF ASSISTANCE	METHODS	WHEN	BY WHOM
Assist 4-H members in learning about:	State 4-H Staff	1. Tours, visits and 4-H Meetings	July-Aug.	Agent & 4-H Members & Leaders
1. Parliamentary procedure	.	.	.	.
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FOUR-H

TEACHING OBJECTIVES	SOURCE OF ASSISTANCE	METHODS	WHEN	BY WHOM
2. Agriculture, home-making and related activities.	4-H Leaders	2. Conservation Conference	Aug.	4-H Leaders & Members
3. Personal development	Bulletin 255 "4-H Project Manual"	3. Organize Material	Sept.	Agent
	"Printed Materials on personal development"	4. Reorganize 4-H Clubs	Oct.-Nov.	Agent & Leaders
		5. Monthly 4-H meetings and Project Training Sessions.	Nov.- June	Agent & Leaders, 4-H members
4. Learning by doing	Bulletin 238 "A Guide for 4-H Club Officers"	6. 4-H Christmas Parties	Dec.	Agent & Leaders
	"4-H Leaders Handbook"	7. Honor Club for Senior 4-H members	Oct.- June	Agent & Leaders, Supervisors
		8. National 4-H Week Observation	March	4-H Members
		9. Junior Council meeting Semi-Annually	March- Oct.	Agent & Leaders, 4-H Members



MINOR PROJECTS, JULY 1962 - JUNE 1963

CUMBERLAND COUNTY

- A. PROJECT AREA: Agricultural Production, Management, and Natural Resource Development.
1. Educational work on Forestry.
  2. Soil and Water Conservation Practices with emphasis on ACP Cost-Sharing.
  3. Government Farm Program - Corn, Wheat, and Tobacco.
  4. Tobacco Diseases.
  5. Farm Records.
- B. PROJECT AREA: Marketing and Utilization of Agricultural Products.
1. Preparation of Tobacco for Market.
  2. Educational Work on Markets, Grading, Loans, Trends, and Outlook Information.
- C. PROJECT AREA: Community and Public Affairs.
1. Home Grounds Beautification and Landscape.
  2. Church Grounds and Cemetery Beautification.
  3. Cooperation with other community, county and public organizations.
  4. Strengthening Existing Extension Organizations through, coordination, training and utilization
- D. PROJECT AREA: Extension Home Economics.
- Housing -
1. Educational work on use of plans for building.
  2. Educational work on use of plans for remodeling.
  3. Educational work on use of plans for repairing.

MINOR PROJECTS

E. PROJECT AREA: FOUR-H and other Extension Youth Activities.

Assisting other Youth groups organized in Cumberland County.

COUNTY EXTENSION ORGANIZATIONS

Agricultural Advisory Board

Agronomy Committee

Livestock Committee

4-H Leaders Association

4-H Junior Council