

#### 4-H Club Program

Priority will be placed on organization of Senior 4-H Clubs in 1962-63. However, other Phases of the club program will not be neglected. Project demonstrations and instruction will be conducted at club meetings to fulfill members' basic needs, interest, and availability of equipment.

Honor Club activities will be based on the recognition of older club members. All eligible club members will be invited to join the Honor Club and participate in its functions.

Judging and demonstration contest instruction will be provided for 4-H members to participate in all contests available in county and district basis.

Other Activities planned for club members will include:

1. Participation in Danville Fair.
2. Enter dairy animals in District and State shows.
3. Conduct summer camp programs for different age groups.
4. Conduct county-wide tractor training program and contest.
5. Maintain 4-H pig and Guernsey Heifer Chains.
6. Provide opportunity for 4-H members with baby beef project to participate in county show and sale.

All county personnel will assist in the 4-H program. Where possible county leaders will undertake responsibility that is delegated to them. Assistance from the State 4-H Department and other state specialist will be required for various subject matter fields.

Evaluation of 4-H program will be made through participation and achievements of club members. Surveys and questionnaires will be prepared to determine interests and needs for future programs and effectiveness of present program.

ORGANIZATIONAL OBJECTIVES	SOURCE OF ASSISTANCE	METHODS	BY WHOM
1. To Motivate and stimulate interest of 4-H members.	Outstanding 4-H members	1. Home visits to visit	Agents
2. To familiarize parents, and adults in neighborhood with county, state and national 4-H Club program.	Bulletin - Parents and 4-H Club Work  4-H Club Leaders Handbook -Bul. 270	2. Make Home Demonstrations of club situation  3. Have organized Invite Have in and plan Select  4. Set-Up Clubs that will attract new members  5. Work with parents Try to help	Agents   Agent Co. All-Stars  Adult Leaders Agents through Adult Leaders Agents

#### EVALUATION:

1. Number of members who attend meetings regularly.
2. Number of clubs organized.

A MAJOR EMPHASIS - ORGANIZATIONAL PLAN

PROJECT AREA:

PHASE: Senior 4-H Clubs , Fiscal Year: 1962-63

SITUATION

In June 1962, approximately 348 4-H Club members in Pittsylvania County will become eighth graders. One hundred ninety-four of the 348 members will not continue 4-H club work because there are no senior clubs in some sections of the county. Even though some of the members might drop 4-H Club when entering high school, there are some who have been very active in their clubs, who have won county medals and who show promise of being outstanding 4-H Club members.

SPECIFIC PROBLEM:

No Senior Clubs in some sections of the county because of lack of interest and understanding of parents, adult leaders and 4-H Club members.

PROGRAM OBJECTIVE

To effectively combine and reorganize two clubs that have disbanded. This will give only 63 of the 345 members an opportunity to continue 4-H Club work, however, this will be a start.

ORGANIZATIONAL OBJECTIVES	SOURCE OF ASSISTANCE	BY WHOM
To take the leadership in the organization, institution, function, planning, and carrying out of a strong Forestry Program for the County	State Extension Forestry Staff	Co. Ext. Staff
	County Forester	Co. Ext. Staff Committee
	Representatives of Va. Dept. of Forestry	Co. Ext. Staff Specialist Committee
	Company Representatives of Forest Products	
	Companies Operating in County	Agts. Spec. Forestry Com. Va. Forestry Representative
	<u>Printed Materials</u>	
	223 - Forestry In Virginia	
	248 - The Key to Va. Future Timber Supply	& Agts. & Spec.
	251 - Farm Woods Management	Agts & Spec.
	275 - What Value of My Standing Timber	
	Cir. 673 - Forestry Practice Payments	

#### EVALUATION:

Determine through different practices used:

- a. Value of forestry committees in launching and carrying out
  - b. Number of demonstrations planned and number completed
- Use committee to assist through all sources of contacts to understand the methods involved.

At the end of approximately four years in the program an evaluation should be made of the results and values received.

A MAJOR ISSUE - ORGANIZATIONAL PLAN

PROJECT AND

PHASE - First                      Fiscal Year - 1962 - 63

SITUATION

According to 1957 forestry survey, the county contains approximately 406,305 acres of commercial forestry land. 99.9% private ownership. 500 acres private approximately 50% pine or oak-pine type, 50% Oak-Hickory or Oak-Gum type. Growth rate ahead of hardwood.

Soft wood harvest on increase --- hardwood declining.

Approximately 80% forest acreage well stocked and harvesting trend upward.

SPECIFIC PROBLEM

Lack of knowledge or interest in this county by many farm owners.

PROGRAM OBJECTIVE

To improve interest of owners in the entire management program, planting, stand improvement, and marketing.

## TOBACCO PROGRAM

The allotted acreage for Pittsylvania County in 1962 will be 18,308.52 acres, an increase of 754.81 acres above the 1961 allotment. A total of 4,340 farms in the county are in the tobacco program. A total of 4,340 farms in the county are in the tobacco program.

Extension personnel have an extra aid for use in the 1962 tobacco program. The tobacco program has been conducted and summarized for use as a guide in the tobacco program. Although definite conclusions cannot be drawn from this survey, the practices that better farmers are using in their production.

Starting in July assistance will be given to tobacco producers in identifying and controlling tobacco practices. Major emphasis on the educational phase of tobacco production will be given through farm visits, radio, and news articles. A continuation of county-wide tobacco program community group meetings will be held upon request to provide farmers with latest research and management practices.

The success of the tobacco program will be reflected in the county average yield at the close of the 1962 marketing season. Quality will be measured through the average yield at the close of the 1962 marketing season.

## LIVESTOCK PROGRAM

Livestock as a supplemental source of income to the tobacco farmer has been a problem because of the small size of the average farm in Pittsylvania County, livestock production of sheep, swine, or the feeding of small groups of steers. Income on these farms comes from better livestock management practices and better disease and parasite control.

Emphasis this year will be placed on supplying county producers more information on disease prevention methods and the proper methods of parasite control for all types of livestock. The possibility of developing a Brucellosis vaccination clinic is being considered. Farmers with small numbers of calves to be able to have these calves vaccinated at a low cost.

An educational program will be carried on to show the value of livestock as a supplemental source of income for the tobacco farmer. This will include information on feeding and sheep production on these tobacco farms. In addition, the program will include information on forage production for the livestock now on the farm and of keeping better records of income from their livestock programs.

Tours of various livestock operations are planned to interest more farmers in livestock production can be increased by improving qualities of livestock, through better management, disease and parasite control.

This information will be furnished through contacts, meetings, news articles, radio and letters.

#### AGRICULTURAL ENGINEERING

Continue assistance to county farmers with construction problems by:

- a. Providing assistance in building sites, locations, farm building plans, and arrangement of farm structures.
- b. Give assistance to farmers on irrigation problems.
- c. Work with farm machinery owners on adjustments of machines, efficient use, cost figures, and maintaince problems.

#### HORTICULTURE

Peach production and home vegetable gardens are the main interests in horticulture. The requests for assistance in this field is limited.

The Extension staff will provide information throughout to interested parties, provided from the V.P.I. Department and production, care, disease, and insect control. This information will be made available through the different sources used by the county staff.

#### RURAL DEVELOPMENT PROGRAM

The entire Extension staff will continue to work hard to help the people and technical panel get this program into operation. The agents will continue to work on the organization and serve as advisors and resource people.

The county leaders have indicated that they are interested in the plans and appointed a steering committee to chart a future course. No definite decision has been made to organize on a county basis.

The Extension staff plans to help organize and get committees named and functioning just as fast as the people are ready and willing to move.

#### FARM AND HOME DEVELOPMENT

Farmers are slow to make complete and long time farm plans. This program will be strengthened as fast as interest will permit.

The importance of record keeping is being publicized and approximately fifteen farmers are on mail in record program.

Emphasis will be on farm plans and management practices for more complete and successful farm operations.

Publicity on this phase of the extension program will be used throughout the year.

#### SOIL AND WATER CONSERVATION

Soil and water conservation is a real problem on many county farms. Many farmers are still neglecting this program.

Pittsylvania County was made a one county Soil Conservation District during the fall of 1961. This change will enable the county people to study and analyze local conditions, plan and introduce a strong program for the district.

The supervisors and agricultural leaders will work out a district plan during the year, and help get the action program in force.

Small water sheds will be an important part of the district program. Interest has been shown from two sections of the county.

The Extension Agents will have the publicity and educational programs for the district.

#### AGRICULTURAL ECONOMICS

More work is planned for publicizing information available on the many county conditions and problems.

More help will be made available to county people on costs of production, farm management, markets and consumer guide.



#### SMALL GRAIN

Extension Agents will ~~use~~ a strong educational program stressing the importance of increasing the per acre yield of all small grains. This will be done by continued emphasis on the importance of soil sampling, better fertilization, practices in the fall at seeding time and added topdressing in the spring.

Use of good quality seed and recommended varieties for the area, treatment of seed to control seed born diseases.

Publicity will be through newspaper articles, radio programs, letters, personal contacts, agronomy tips, and urging professional workers to attend research station field days.

#### SORGHUM OR MILO

Use all means available to inform farmers on uses and value of grain sorghums. Urge increased acreage of this crop.

#### DAIRYING

Many county Grade A producers do not realize the importance or value of high quality forages and are under feeding their cows. This results in low milk production per cow, below state average.

The objective this year will be to stress increased production per cow by use of:

- a. More high quality forage produced on the farm.
- b. Increased use of good silage, and production of, and higher per acre yield.
- c. Reducing amount of concentrates presently being produced.
- d. Emphasizing disease control.
3. Improve quality replacement heifers produced.

Use all sources of publicity available to Extension Agents in the county. Also conduct a tour for dairymen visiting farms in a heavy populated dairy county, to study latest practices in use, especially feeds, and feeding.

TEACHING OBJECTIVES	SOURCE OF SUBJECT MATTER		BY WHOM
	Cir. 739 - Forage Mixtures For Year-Round Feeding	6.	
	Cir. 807 - Certified Alfalfa	in	& Feb. Agents
	Cir. 822 - Poultry Pastures For Virginia	pr	
	Lef. 1 - Sudan Grass or Pearl Millet For Summer Pasture	7.	
	Lef. 9 - Increasing Your Feed Supply	pe	
	Lef. 21 - Reseeding Ladino Clover	8.	Agts. and
	Lef. 40 - Here's How to Seed That Pasture	de	& Feb. Agro. Com.
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#### EVALUATION

Determine through formal or informal methods:

- The participation of the Agronomy Committeemen,
- Plan at least 4 alfalfa demonstrations.
- Plan at least 4 pasture demonstrations.
- Number completing
- With assistance of the Agronomy Committee and professional , and field meetings determine number of farmers in the community visiting them
- At the end of three years and close of demonstrations runn ers used practices and results received.

# A MAJOR EMPHASIS - EDUCATIONAL PLAN

PHASE: 12 Month Forage Program      Fiscal Year- 1962-63

## THE SITUATION

The production of forage crops and quality forages is one of the weakest programs in the county agricultural economy. Improved pastures based on 1959 census was only 7,984 acres. Alfalfa acreages 4,417 acres. Other hay crops acreage low. Idle cropland -39,504. Yields of all these crops low. Many farmers are not following the best production practices. Normally a feed deficit area.

## SPECIFIC PROBLEM

Small acreage of improved pastures in county - Low yields of all hay crops.

## PROGRAM OBJECTIVE

Raise yields of all hay crops. Increase improved pasture acreage, thereby, produce cheaper feed for livestock production.

TEACHING OBJECTIVES	SOURCE OF SUBJECT MATTER	METHODS	WHEN	BY WHOM
To Assist Livestock Producers to:	Agronomy Staff	1. Harvest Demonstration Plots. Hold field meeting	July, Aug. / October	Agt. Agro. Committee Demonstrato
1. Become familiar with and work a 12 month forage program for their farms.	Cir. 505 - Winter Pastures With Cover Crops Bul. 194 - Good Pastures Your Cheapest Feed.	2. Complete data and write up on each demonstration	October	Agt. and demonstrato
2. To teach producers the feeding value of different forages.	Cir. 374 - Alfalfa Production in Virginia	3. Analyze results and plan for their use.	Dec. & Jan.	Agt. & Agr. Committee
3. Demonstrate latest practices recommended for harvesting and storing high quality forages.	Cir. 533 - For Top Pastures Topdress Cir. 585 - Managed Grazing Pays Cir. 615 - Grow More Feed With A Forage Plan Cir. 679 - Red Clover Production in Virginia Cir. 685 - Alfalfa Seeding Suggestions	4. Organize Subject Matter Material 5. Meeting of Agronomy Committee to help plan and execute a 12 month county forage program	Jan. & Feb.  Jan.	Agt. with Spec. contac  Agents

EVALUATION:

1. Determine through formal or informal methods:
  - a. Percent of Agronomy Committeemen attending meetings and participating in
  - b. Number of demonstrations planned; number completed.
2. With the assistance of Agronomy Committeemen, Professional Agricultural workers contacts and/or questionnaire, determine the number of farmers in community and how much they understood the practices followed.
3. After two or three years, an evaluation will be made to determine the number of practices and the results in yields obtained.

TEACHING OBJECTIVES	SOURCE OF SUBJECT MATTER	METHODS	WHEN	BY WHOM
Acquire necessary skills and methods in applying these practices	Cir. 728 - Chemical Weed Control Guide for Va.	5. Organize subject-matter material	Jan.	Agt. with Spec. Contact
	VPI Mimeo - Agronomy - 20 Ton Silage Club	6. Involve Agronomy Committee to help plan and execute a county corn production program	Jan.	Agt. with Spec. Contact
	VPI Mimeo - Agronomy - Procedure in Estimating Corn Yields	7. With Committee, make plans for demonstrations, meetings, publicity, and other activities.	Jan.	Agent
	VPI Mimeo - Agronomy - Corn Yield Data Sheet	8. Select demonstrators for complete production demonstrations and train demonstrator	Jan.	Agt. and Agro. Committee
	VPI Lef. 84 - So You Want To Have Your Soil Tested	9. Submit soil samples for demonstration areas.	Feb.	Agt. and Demonstrators
	VPI Ext. Fm. 48 - Soil Record Sheet	10. Make plans for and hold community meetings on corn production	Feb. & March	Agent
	Cir. 614 - Control Corn Southern Rootworm	11. Send Corn production recommendations to farmers.	Feb.	Agt. & Spec.
		12. Type soil in demonstrations	Mar.	Agt. & Spec.
		13. Make final plans with demonstrators fertilizer recommendations, variety recommendations, etc.	Mar. & Apr.	Agent
		14. Erect sign for demonstration.	May	Demonstrator
		15. Give publicity to locations, names of demonstrations and purpose of demonstrations.	May	Agent
		16. Apply Atrazine to Corn Plots	May	Agt. Demonstrator, & Prof. worker
		17. Visit demonstrations and plan community field meetings at them	June	Agt. & Agr. Comm.

A MAJOR EMPHASIS - EDUCATIONAL PLAN

Project Area: AGRICULTURAL PRODUCTION, MANAGEMENT  
AND NATURAL RESOURCE DEVELOPMENT

PHASE: Agronomy - Corn Production, Fiscal Year: 1962-63

THE SITUATION :

Corn grain and corn silage are important feed crops needed to expand livestock production. The average yield of corn for grain in the county is 32 bushels and for silage 10 tons per acre. It is estimated that 25 percent of the 26,455 acres of corn in the county are grown in soils not best suited for corn. Yields that are average or below are not profitable according to cost figures. Also many farmers are not following the best production practices.

Many farmers are quite concerned about the low yields of corn whether grown for livestock feed or for sale and desire information that will enable them to produce this crop more economically.

THE SPECIFIC PROBLEM:

Low corn grain and silage yields on most farms in the county.

THE PROGRAM OBJECTIVE:

To raise the yield of corn for grain and silage and thereby produce economical feed for livestock or cash grain.

TEACHING OBJECTIVES	SOURCE OF SUBJECT MATTER	METHODS	WHEN	BY WHOM
Assist producers of corn for grain and silage to:	State Agronomy Staff	1. Hold County-Wide tour and community meetings at demonstrations	July Aug. & Sept.	Agt. & Agro. Committee
1. Become familiar with and understand the recommended corn production practices.	VPI Cir. 541 - 100 Bu. Corn Per Acre	2. Harvest demonstration plots and hold community meeting	Sept. Oct.	Demonstrator, Agro. Com. & Agt.
2. Become familiar with and understand the use and value of insecticides to control earth born insects	VPI Cir. 871 - Corn For Silage	3. Complete write-up on each demonstration	Oct. Dec.	Agt. with assis- tance of demon- strator
3. Demonstrate the use of herbicides and value derived from weed control in corn production.	VPI Bul. 97 - A Handbook Of Agronomy	4. Analyze results and plan for their use.	Dec.	Agt. Agro. Committee
	VPI Multilith MA - 2 Alfalfa and Corn Silage Information			
	Bul. 205 - Farm Weeds			4.

#### HOME DEMONSTRATION PROGRAM

The Home Demonstration Club program will emphasize floor coverings in the house furnishings phase for 1962. Care of different types of hard surface floor coverings and materials available for such care will be stressed. Types of rugs and their care will also be illustrated with points for selection demonstrated.

The 1963 program will be planned by the Home Demonstration Club presidents and Program Development chairmen after discussions have been held in each club. These discussions will concern outlook material for 1962.

TEACHING OBJECTIVES	SOURCE OF SUBJECT MATTER	METHODS	WHEN	BY WHOM
	V.P.I. Bulletin MF-380	Mimeographed suggestions for menu planning to women's organizations in county	Nov.	Agents

EVALUATION:

Home Demonstration Agents and members of Nutrition Committee check with local groups on their use of bulletins and information received at demonstration meetings.

Agents will work with Welfare Case Workers to determine the number of families that practice recommended procedures of planning meals on a small budget.

# A MAJOR EMPHASIS — EDUCATIONAL PLAN

Project Area: Extension Home Economics

Phase: Nutrition Fiscal Year: 1962-63

## The Situation

Studies in Virginia and in Pittsylvania County indicate that there is a great lack of calcium, vitamin C and Vitamin A. Only a small per centage of the school children are "5 pointers". More home gardens are needed. The median income of farm families is \$2,454, 1/5 of which is spent for food.

## The Specific Problem

Low consumption of milk by people in the county. Need for more knowledge in smart food shopping.

## The Program Objective:

To inform people of the importance of milk in the daily diet. To Improve food habits - buying and consuming.

TEACHING OBJECTIVES	SOURCE OF SUBJECT MATTER	METHODS	WHEN	BY WHOM
To raise the amount of consumption of milk by people in the county	U. S. Dept. of Health, Education and Welfare - Children's Bureau Folder No. 8 "Breast Feeding"	"Breast Feeding" folder left at doctors' offices for maternity patients,	Feb. - July	Members of Nutrition Committee
	V.P.I. Bulletins: MF-389	Method demonstrations on milk dishes	Sept. Oct.	Agents, Local home economist
	U.S.D.A. Bulletin No. 57			
To help families manage their food budgets for maximum nutritional benefits	"The Keys To Good Meals On A Small Budget". Home Economics Service, Dept. Of Public Aid, Chicago, Ill.	Demonstrations and exhibits for welfare recipients	Oct. Now.	Agents



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PLAN OF WORK

FOR

1962--63

ALLEGHANY COUNTY

Vella Knapp  
Home Demonstration Agent

R. J. Copenhaver  
County Agent

F O R

1962-63

ALLEGHANY COUNTY

V e l l a   K n a p p

Home Demonstration Agent

R. J. C o p e n h a v e r

County Agent