

- b. Furnish applications to prospective persons.
- E. Organize and conduct Farm Tour
- F. Hold County-wide Farmers Picnic in August.
- G. Check this plan of work weekly for the purpose of insuring the timely performance of each phase of work.

1. Goals

- a. Cooperate with Sun-Cured Tobacco Marketing Association in keeping membership informed relative to the affairs of the Association.

D. Feeder Calf Sale

1. Goals

- a. Work with Livestock Committee and local Director or Richmond Feeder Calf Sale toward consigning 500 calves to the 1960 Sales.

X. GENERAL ACTIVITIES

A. A.S.C.

1. Goals

- a. Cooperate with ASC to insure all farm owners and operators the maximum benefits under the Agricultural Conservation Program.

B. S.C.S.

1. Goals

- a. Cooperate with S.C.S. in securing additional cooperators and maintaining practices which have already been established.

C. South Anna Watershed Project

1. Goals

- a. Cooperate with County Committee and SCS in program to develop South Anna Watershed project.

D. FHA and Farm Credit

1. Goals

- a. Refer prospective borrowers to FHA and Farm Credit.

Louisa County.

2. Procedures

- a. The agents expects to serve in an advisory capacity.
- b. Tours will be made.
- c. Members will participate in leadership camp at Camp Farrar.
- d. Qualified speakers will be secured for "Looking at Louisa County"
- e. A local minister will speak on "Christianity in Everyday Life".
- f. Young Men and Women's Club members will visit the Wilderness Battlefield.

IX. COOPERATIVE MARKETING

A. Wool

1. Goals

- a. Sell 90% of wool through Cooperatives.

2. Methods

- a. Inform growers of the advantages of Cooperative Marketing.
- b. Provide instructions relative to clipping, handling and tying of fleece.
- c. Inform growers as to wool loading date.

B. Milk

1. Goals

- a. Cooperate with Richmond Milk Producers Cooperative by furnishing information to producers relative to the Cooperative Program.

C. Sun-Cured Tobacco

and boys to attend 4-H Camp at Holiday Lake, Appomattox, Virginia.

It is felt that by participating in 4-H Camp Program and activities, members and leaders will be better informed, will make new friends and will develop leadership. Camp may create more interest in 4-H activities in the county.

VIII. YOUNG MEN AND WOMENS WORK

Representatives from the Young Men and Womens Club and the Extension Agents met and planned the following program for 1960:

January - Banquet

February - Income Tax

March - Looking at Louisa County - Dinner Meeting

April - Entertaining Seniors - Dance - Free tickets  
for Seniors.

May - Rose Valley Farm

June - Softball Game - Hot Dog Roast

July - Hayride

August - Swimming Party

September - Christianity in Everyday Life - Local Minister

October - Wilderness Battlefield Tour

November - Bowling

December - Christmas Planning

1. Objectives

- a. To become more familiar with methods of filing Federal Income Tax.
- b. To increase membership.
- c. To become more familiar with facts concerning Louisa County.
- d. To provide a source of recreation for young men and women of

2. Objectives

- a. Work through local Soil Conservation District to obtain Federal Aid under Public Law 566 for the purpose of flood control, stream clearance and proper land use along the flood plains of the previously mentioned streams.

3. Goals

- a. Begin construction on flood control and stream clearance project during 1962.

VII. 4-H DEVELOPMENT

A. Project Work - Safety

1. Objectives

- a. To promote safety in and around the home, farm and when using public facilities.

2. Procedures

- a. Method demonstrations will be given and activities conducted by the agent as follows:

September - Organization - Parliamentary Procedure

October - Transportation - Highway Safety

November - Safety with Firearms

December - Safety with Electricity

January - Home Projects

February - Home Projects

March - Complete Check Sheets to-date

April - Safety with Lawn Mowers

May - Water Safety and Complete Check Sheets

B. 4-H Club Camp

Louisa County expects to have its allotted quota of girls

- b. More and better quality pasture and forage is needed.
- c. More cattle should be marketed cooperatively.
- d. Few farmers are controlling parasites adequately.

3. Objectives

- a. Improve quality of herds.
- b. Improve quality of forage, especially by use of improved equipment and timely harvesting.
- c. Keep producers informed relative to cooperative marketing.
- d. Keep producers informed relative to parasite control.

4. Goals

- a. Two additional herds enrolled in BCIA each year.
- b. Place two ROP bulls in county each year.
- c. Increase by 100 the number of feeder calves sold cooperatively in 1960.

VI. SOIL AND WATER CONSERVATION AND DEVELOPMENT

1. Situation

- a. The naturally fertile bottom lands along the North Anna, South Anna, Little River and their tributaries are among the most important basic assets of Louisa County. During the pre-Civil War years much of the 25,000 acres or more involved was used for the production of crops. However, improper use of the sloping hillsides resulted in the piling up of soil on the lower slopes, its deposit over the fertile bottom lands and the silting up of ditches and streams to the extent that at present approximately 90% of this acreage is unfit for cultivation. Stream clearance, flood control and drainage are sorely needed practices.

## 2. Problems

- a. There are too few dairymen and dairy cows in the county for certain desirable cooperative programs to operate effectively.
- b. Production records on cows are needed.
- c. Mastitis is a serious problem.
- d. More high quality forage is needed on dairy farms.

## 3. Objectives

- a. Gradually increase number of Grade A and Grade B Dairy farms in county.
- b. Have more dairymen keeping records.
- c. Reduce incidence of mastitis in dairy herds.

## 4. Goals

- a. Establish one new Grade A producer and five Grade B producers each year for next 5 years.
- b. Establish DHIA in cooperation with Albemarle County, enrolling certain herds in each county.
- c. Distribute all educational material received from state sources on State Mastitis Control Program.

## V. BEEF CATTLE

## 1. Situation and Trends

- a. There are approximately 80 producers of beef cattle who have herds averaging about 40 cows per herd.
- b. The beef cattle population of the county is increasing moderately.
- c. Three herds are enrolled in Virginia BCIA.
- d. Number of calves sold cooperatively is increasing.

## 2. Problems

- a. Better herd sires are needed.

- b. Increase carrying capacity of permanent pasture.
- c. Improve methods of harvesting forage crops.
- d. Increase yields and quality of tobacco.

4. Goals

- a. Provide farmers with a list of recommended varieties each year.
- b. Have 600 soil tests this year.
- c. Increase acreage of alfalfa by 100 acres.
- d. Have two demonstrations showing improved equipment and methods for harvesting hay.
- e. Hold two educational meetings relative to tobacco production.

IV. DAIRYING

1. Situation and Trends

- a. There are 22 Grade A Dairy Farms in Louisa County.
- b. The number of milk cows on dairy farms has increased moderately during the last few years while the number of milk cows in the county has decreased to about 3200.
- c. Fewer than 100 of these cows are on official DHIA test.
- d. The Louisa County Artificial Breeding Association was started in January 1957. That year 576 cows were bred. In 1959 about 876 were bred. The goal for 1960 is 1100 cows.
- e. Twenty-one of the 22 dairymen in the county have installed bulk tanks.
- f. Nearly all dairymen are using bulk feed tanks which reduces the cost of the bought concentrates by about \$3.00 per ton.
- g. It is difficult for new producers to get on the Grade A market. Consequently, there is not much interest in trying to establish new dairy operations.

2. Dairying
3. Beef Cattle
4. Soil and Water Conservation and Development
5. 4-H Development

### III. AGRONOMY

#### 1. Situation and Trends

- a. The acreage of alfalfa is increasing slowly.
- b. The average yield of corn per acre for grain, 1954 Census was about 32 bushels and for silage was about 9.2 tons.
- c. Total pasture acreage is about 49,000 acres and of this acreage about 18,000 acres is improved.
- d. Approximately 500 soil samples from the county were sent to the laboratory for analysis during the period July 1, 1958 through June 30, 1959. The reports from these samples were used as a basis for fertilizer and lime recommendations during that period.
- e. Tobacco acreage and income has increased moderately in 1959 as compared to 1958 when considerable acreage was signed up in the Soil Bank.

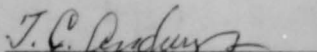
#### 2. Problems

- a. Average yields of grain and forage crops are too low.
- b. Quality of hay on many farms is poor.
- c. More farms need soil tests.
- d. A considerable number of tobacco farmers need a better balanced program of fertilization.
- e. Many small farmers need supplemental income.
- f. Less than one-half pasture acreage is improved.

#### 3. Objectives

- a. Produce higher average yields of grain and forage crops.

PLAN OF WORK

  
County Agent

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Louisa  
County

I. FOR TRENDS AND BACKGROUND INFORMATION SEE LONG-TIME EXTENSION PLAN  
OF Work - LOUISA COUNTY 1958.

II. GENERAL OBJECTIVES

The efforts of the County Extension Agent will be directed again  
in 1960 toward the following long-time objectives:

1. Increasing the average per acre yields of grain and forage crops.
2. Expanding the acreage of improved pasture.
3. Improving the quality and increasing the production of live-stock, livestock products, poultry and poultry products.
4. Increasing marketing efficiency and facilities by working closely with marketing cooperatives.
5. Work closely with local Soil Conservation District in developing South Anna Watershed project involving approximately 240,000 acres.

It may be noted by referring to Long-Time Extension Plan of Work  
Louisa County - 1958, that the objectives listed are more or less in  
agreement with phases of Agriculture, Youth and Home Economics, selected  
for study and Long-Time Program Planning which are as follows:

1. Agronomy