

### Long-Time Plans for Burley Tobacco Growers as Recommended by Committee

Increase net income from Burley by:

I. Producing quality that will meet current demand, increase volume used in cigarettes, and gain in foreign trade.

A. Space 14"-18" in drilling 3 1/2-4 ft. rows, top early and some lower, transplant fairly early to increase body, oil, aroma and flavor

B. Work to shift the qualities desired back to the lower leaves in middle and down stalk tobacco. Recently the most sought after qualities are in the smaller lower yielding leaves at the top of the stalk.

C. Use quality producing varieties. Ky. 16, B-21, B-2.

D. Control insects by using the recommended insecticide. Do not use arsenic of lead.

E. Improve curing.

F. Let tobacco get ripe before cutting.

G. Avoid the use of excessive manure because of the reduced burn and wet tobacco caused by chlorine. Do not exceed 15 tons an acre.

II. Improve yields especially of those farms falling below the county average and particularly where low quality is produced along with low yields.

A. Provide good uniform plants at the right time (May 10-June 10)

B. Transplant fairly early in well prepared soil and set the plants properly with plenty of water.

C. Use wireworm control insecticides if needed. Broadcast treatment Aldrin, Heptachlor, Dieldrin 2 lbs. actual per acre. Chlorodane

4-6 lbs. actual per acre.

D. Use resistant varieties where needed. Wildfire-B 21, Black shank B 11A and B11E.

E. Have soil tested and use the rates and analysis of fertilizer needed.

III. Plant Production:

Improve the quality and supply of plants available at the best part of the planting season. (May 10th-June 10th). Provide enough plant bed space to set allotment at one pulling.

A. Sow at least 100 sq. yds. for each acre. Fertilize plant bed with 4-9-3 at the rate of 1-1 1/2 lbs. per square yard.

D. Control the quality of plants by preparing a smooth, well pulverized seedbed at a good location, close to water and regulate the stand by sowing the right amount of seed and provide water at seed germination time. Proper stands can be expected with a teaspoonful of seed per 100 sq. yds., if beds are properly watered at seed germination time.

C. Control Wildfire by using either a resistant variety or the use of recommended fungicides. Apply Streptomycin sulfate when first true leaves are formed and once a week thereafter and after rains.

D. Control insects by using 10% DDT.

E. Prevent blue mold by using fermate at the recommended rate.

IV. Field Fertilization:

A. Have soil tested and use rates and analysis needed: Generally, 90-110 lb. N; 70-110 lb., P205 and 90-110 lb. K20. Part of this may be supplied with manure. With no manure use, 1200 lbs. 8-8-8 per acre, with 10 tons manure

### More about - 4-H PULLEY CHAIN (Continued from page 1)

This year's chain members are Morris Bennett, son of Mr. and Mrs. S. J. Bennett of Burnsville; Frank Hensley, son of Mr. and Mrs. Bass Hensley of Star Route, Burnsville; Sammy Miller, son of Mr. and Mrs. Wess Miller of Celso; Joan Gortney, daughter of Mr. and Mrs. Brown Gortney of Route 1, Green Mtn.; Martha Ann Dale, daughter of Mr. and Mrs. J. W. Dale of Route 1, Green Mtn.; Edna Robinson, daughter of Mr. and Mrs. Bob Robinson of Route 1, Green Mtn.; Mary Alice Miller, daughter of Mr. and Mrs. Lloyd Miller of Route 4, Burnsville; Edwin Bryan, son of Mr. and Mrs. Fred Bryan of Route 1, Burnsville; Ira Robinson, son of Mrs. Lillie Robinson of Route 1, Green Mtn.; and Rachel Fox, son of Mr. and Mrs. James Fox of Celso.

To get these boys and girls started the following merchants gave each of the members a 25 lb. bag of starting mash: Ray Brothers Grocery, Deyton Feed Store, Farmers Federation, Robinson Grocery, Big Dollar Food Center, all of Burnsville; Robinson Grocery, Micaville; Chrisawn Grocery, Celso; J. F. Robinson Grocery,

use 1200 lbs. of 4-8-10 per acre. Insist on tobacco fertilizers. Do not use general crop fertilizer.

V. Planting Dates: Set plants early, May 10th-June 10th for highest yields. Set crop within a 2-3 week period. Avoid late plantings.

VI. Harvesting:

A. Priming - The yield can be increased by priming once or twice, depending on the weather, and cutting the balance. Increases of 200-400 lbs. per acre can be expected.

B. Cutting - Let the tobacco get ripe before harvesting, quality is better, yield is higher and curing is easier. Excessive nitrogen delays maturity.

VII. Curing: Provide curing barns with vertical hinged ventilators for at least 2-5 to 1-2 of sidewall surface. Remodel old barns to provide ventilation and weather protection. Build new barns on high ground with one of the long sides facing the direction of prevailing winds. Adjust the ventilators to control the rate of drying and protect against fog and high humidity. Quality and weight is lowered if tobacco is not dried properly and if exposed to too much moisture.

VIII. Stripping and Sorting: Strip and sort and market tobacco properly and in the right order (case) for highest returns. If the crop is well prepared, the grocer is in the best bargaining position. Grade under fluorescent light. Keep grades separate and market accordingly.

IX. Marketing:

A. Be present when your tobacco is sold.

B. Make a record of the pounds falling in each government grade as an aid in evaluating the effect of your cultural practices and as an indication of the quality of tobacco being produced.

C. Keep up with the quality being produced in other types of tobacco that compete with burley. This will help indicate the direction or trend in demand.

### DILLINGHAM URGES FARMERS TO HAVE SOIL TESTED

County Farm Agent E. L. Dillingham reports that farmers having their soil tested this year are getting soil test results back quickly, even though this is the "rush" season for the state soil testing laboratory.

The soil laboratory, he says, reports that it has thus far been able to analyze the soils as soon as they are received, and prompt service could be given on about a third more samples than are being received at present.

Dillingham thinks that Yancey County farmers are missing a real opportunity to "stretch" the money that spend in producing crops if they don't take advantage of this free soil testing service. He stressed the importance

Cane River; Howell's Grocery, Newdale; and Tipton's Grocery, Green Mtn.

### Attention Hemorrhoid (Pile) Sufferers

A Wonderful New Discovery Just Put On The Market.

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SUTHERINE is especially recommended for the soothing relief of pain and itching in Hemorrhoid (piles). In many cases bleeding has been stopped. Ask for SUTHERINE at all drug stores.

of having soil tested for all crops rather than just the more important ones. All crops must produce high yields if a good return is to be realized on the money invested in crop production.

A soil test takes a lot of the gamble out of farming. Lets try

it. Pick up soil sampling cards from your County Extension Office, ASC Office, SCS Office, Local Vo-Ag, Teacher.

There are individual industries in North Carolina that use more water each day than any three cities in the State.

The world's forests cover about 1 billion acres, an area approximately equal to that of the Western Hemisphere.

In the 1952 presidential election in the United States, 62.8 per cent of those of voting age cast a vote.

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