

N. C. Parents And Teachers Cooperate In Safety Program

The North Carolina Congress of Parents and Teachers is now cooperating in a nation wide Family Accident Survey conducted by the Traffic Safety Project of the National Congress of Parents and Teachers in an effort to determine the direct responsibility of the Parent-Teacher safety program toward the whole accident situation.

One hundred and twenty-five report blanks have been distributed to as many North Carolina families by Mrs. D. D. Hocutt of Henderson, state safety chairman of the North Carolina Congress of Parents and Teachers, through the 10 district directors. These participating families scattered throughout the state will assist by keeping a week by week record of all types of accidents occurring in the family. For a period of three months, November 1, 1939, to January 31, 1940, every accident must be recorded whether it be Father's finger chopped along with the fire wood, Mother's arm burned on the oven door, or baby sister run over by an automobile.

Statistics will be compiled and made available to the public at the end of the study by the National Committee on Safety of which Miss Marian Telford is chairman. Five thousand families are expected to participate in the survey which was planned at regional conferences during the past summer, attended by representatives of 46 state branches of the National Parent-Teacher Congress.

Varieties Outyield Corn Belt Hybrids

Hybrid corn, as now available, cannot be grown economically in this state, says Dr. Paul H. Harvey of the agricultural experiment station of State college, who is in charge of the corn breeding program intended to develop corn hybrids adapted to North Carolina conditions.

He advised farmers to wait until research work is completed and hybrids suited to the soil and climate of this state are developed. This, he said, should be accomplished by 1942 when the first North Carolina hybrid seed will be available to farmers on a limited basis.

"Commercial and experimental hybrids from out-of-state sources were grown in yield tests at five locations in the state in 1939", Dr. Harvey reported. "In four locations, the standard varieties now in use were equally as good as the best hybrid in yield. At the Upper Coastal Plain station at Rocky Mount, several hybrids did outyield the varieties, but were lacking in quality, weevil resistance, and earworm resistance.

"From results obtained this year, and from similar tests in 1938, it is quite definite that none of the corn belt or northern hybrids can be grown economically in North Carolina. There may be exceptions to this generalization, such as special uses as an early crop for hogging off in August, and late plantings following a truck crop," the agronomist stated.

Dr. Harvey said that much progress is being made in the experimental program to develop a North Carolina-adapted corn hybrid through crossing and inbreeding with varieties obtained from experiment stations in other states.

1940 AAA Program Announced By Floyd

Announcement by E. Y. Floyd, Triple-A executive officer of State college, of the 1940 agricultural conservation program shows important changes in the rates of performance and soil-building payments to farmers for cooperation in the government's efforts to conserve soil resources and stabilize farm commodity prices.

Revision of the rates of soil-building payments have been made for the following practices, which in 1940 will be: Seeding alfalfa, \$1.50 per acre; seeding timothy and/or red top, 37½ cents per acre; seeding other specified types of legumes and grasses, 75 cents per acre; and turning under interplanted summer legumes, such as soybeans, cowpeas, crotalaria, and velvet beans, 37½ cents per acre.

Floyd also announced that the rate of credit for application of ground agricultural limestone has been made uniform throughout the state, at \$1.50 for each 1,500 pounds applied.

The new rates of payments for conservation, or performance, payments are: Flue-cured and Burley tobacco, 1 cent per pound; cotton, 1.6 cents per pound; peanuts, \$2.50 per ton; and wheat on commercial farms, 9 cents per bushel.

There was no change from the 1939 program in payments for seeding lespedeza, seeding winter legumes, turning under green manure and cover crops, application of phosphate, terracing, thinning and weeding timber stands, and planting forest trees.

The rates of performance payments for potatoes and vegetables in designated commercial counties likewise were unchanged.

State College Answers Timely Farm Questions

Q. What trees should be cut for pulpwood?

A. In cutting timber for pulpwood, remember that you can get from two to four times more money for saw timber than for pulpwood. So select for pulp the crooked or poorly formed trees, the weaker-crowned trees in dense stands, heavy-crowned "wolf" trees overtopping young growth, and overmatured, diseased, and fire-scarred trees. It is unwise to clear-cut young stands when they are growing at their fastest rate.

Q. When is the horticultural short course to be held at State college?

A. This course opens January 15 and runs for six weeks, ending February 23. Intensive instruction will be offered in the various fields of fruit growing, truck crops, flowers and shrubs, and home beautification. In addition, there will be related courses such as agricultural engineering, poultry, soils, fertilizers, and farm management. Anyone interested may attend this course. Complete details may be secured from Dan M. Paul, State college, Raleigh.

Q. What is the outlook for farming in 1940?

A. According to the U. S. bureau of agricultural economics, prospects for an increased consumer demand for farm products next year are indicated. However, prospects for foreign demand are uncertain because of the war. In general, agriculture is finishing 1939 in better condition than it began. Prices of many farm products and total cash income are higher than in 1938.

How Fast Can You Stop at 20 M. P. H.?

REACTION DISTANCE	BRAKING DISTANCE	
DRY CONCRETE 41 FT.	ON CONCRETE PAVEMENT	
WET CONCRETE 46 FT.		
NO CHAINS 83 FT.	ON PACKED SNOW	
CHAINS REAR WHEELS 64 FT.		
CHAINS ALL WHEELS 50 FT.		
NO CHAINS OR CINDERS 155 FT.	ON GLARE ICE	
CHAINS REAR WHEELS 105 FT.		
CINDERS ON ICE 95 FT.		
CHAINS ALL WHEELS 73 FT.		
22 FT.	DISTANCES IN FEET	

At a speed of 20 miles an hour, automobile stopping distance is 22 feet more than actual braking distance because it takes the average motorist three-quarters of a second to react and apply brakes. At 20 m. p. h. a car travels 22 feet in that three-quarters of a second. The National Safety council guide shows how weather conditions affect stopping distances.

Plant Disease Work Effective In Winter

Contrary to popular opinion, a large amount of highly effective work can be done during the winter months to control plant diseases, says Dr. Luther Shaw, extension plant pathologist of State college. This is particularly true of fruit trees which are normally pruned during the winter period, he stated.

The winter carry-over of many diseases of apples, including scab, bitter rot, blotch, and fire blight can be greatly reduced by systematic pruning of the trees, using the latest improved methods and taking special precautions to prune out as much dead wood as possible, Dr. Shaw continued.

An apple tree pruned so as to

permit good light and ventilation is rendered less vulnerable to attack by disease-producing organisms, and can be more thoroughly sprayed and consequently better protected from the organisms than a tree with thick growth. Destruction of diseased leaves and fruit on the ground by discing, plowing, or other means, is also highly desirable.

The plant pathologist pointed out that the same practices are equally effective when applied to peaches, pears, grapes, and small fruits such as raspberries, blackberries, and dewberries.

It is especially important to destroy the dried or mummified peaches which were infected with brown rot the previous season and left hanging on the tree or on the

ground under the tree, he said. The brown rot parasite spends the winter in these dried fruits.

Dr. Shaw offered to send interested orchardists the latest available bulletins on plant disease control upon request to the Agricultural Editor at State college, Raleigh.

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