

# Lancaster Farming

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\$2 Per Year

## Convention is Answer to Fire Blight Control

Control of Fire Blight in orchards is mostly a matter of prevention, orchardists were told by Dr. Carlton Taylor, Extension plant disease specialist from Pennsylvania State University at a demonstration in the orchard of Robert Lancaster R2, on Tues-

A group of 30 orchardists observed as Taylor used a curved blacksmith's knife to remove cankers from diseased branches in the orchard. Taylor explained that these hold over cankers in which the bacteria disease passes the winter should be removed in winter when there is less chance of spreading the disease with the tools.

Branches more than half an inch back from the infection margin of the infection to make sure all diseased tissue is removed.

If the infections are removed in the warmer weather of spring or summer, small branches should be broken off rather than cut off since the disease can be carried from one tree to another on the tools. If the cankers must be cut out in warm weather, the wound should be painted with a solution made of two quarts of water, one-eighth ounce of cyanide of mercury and one-eighth ounce of corrosive sublimate.

Any cultural practice which encourages vigorous growth tends to encourage the spread of Fire Blight, Taylor said. High concentrations of soil Nitrogen, pruning which forces water sprouts, or an excess of water can cause an outbreak of the disease.

Spraying to control infections on pear, apple, or quince trees and on some of the ornamentals, should be done at about 25 percent bloom and again at about 75 percent bloom, Taylor said.

Taylor recommends use of streptomycin formulations at 100 parts per million in the bloom sprays.

The demonstration was under the direction of Associate County Agent, Harry S. Sloat.

## Many Growers Expect New Strain Here

Many growers have given up in their attempt to raise the seed of the old Houtman strain which was popular with county growers before World War II.

A new strain of celery, known only as H46-3, has been selected to replace the old strain on county vegetable growers were told by Ernest Pollack, Extension Vegetable Specialist from Pennsylvania State University, at the farm of Amos Funk, Millersville R1, on Tuesday.

The new strain, developed by Dr. Pollock, was selected by Mr. Funk. It was one of several strains tested by local growers in the county in cooperation with the University.

"We are very enthusiastic about this new strain," Funk said. (Turn to page 12)

## ABC Co-op Buys New Sire

The Guernsey Sire Selection Committee of Southern York County recently announced the purchase of SG Golden Harvest King 500101. Mr. Herman Adams, Guernsey Committee chairman stated the seven-year-old bull formerly owned by Peter and Elizabeth Zentler and Raymond Louise Witmer will be sold to dairymen in the county near future.

The American Guernsey Club recognized "King Cole" as a "Gold Star Sire". Recognition is the highest achievement a Guernsey can accomplish. According to his S.P.A. proof "King Cole" has daughters averaging 12,222 lbs. of milk, 5.1% test and 527 lbs. of fat per dam. Eighteen of his daughters excelled their dams in milk, sixteen in test and twenty-one in fat.



REMOVAL OF THE CANKER in which Fire Blight infection spends the winter is one of the methods employed in the control of this disease of pears. Dr. Carlton Taylor, Extension plant disease specialist from Pennsylvania State University, left, explains to Robert Herr, Lancaster R2 orchardist, the proper method of removing the diseased tissue with a curved knife of the type used by blacksmiths to trim horse hooves. Other knives will work, but the curved blade makes outlining the area much easier. Bartlett is one of the more susceptible varieties of pears while Keiffer and Seckel are relatively resistant to the disease.

## Farm Bureau Cooperative Plans Annual Meet, Election

The 25th annual meeting of Lancaster County Farm Bureau Cooperative Association

will be held Wednesday February 17, in the Pequea Valley high school near Inter-course.

Charles C. Burkins, general manager of the cooperative, said the meeting will begin at 10 a.m., luncheon will be served at noon and the afternoon session will start at 1.40 p.m.

Prof. J. William Frey, of Franklin and Marshall College, will be the principal speaker.

Other speakers will be M. M. Smith, Lancaster county agricultural agent; Willis Z. Esbenschade, president of the organization, Kenneth Bangs, Pennsylvania Farm Bureau district manager; Richard F. Hertzler, Nationwide Insurance Companies district manager; Burkins and John E. Wolgemuth, assistant manager of the cooperative.

Four members will be elected to three-year terms on the association's board of directors. The nominating (Turn to page 9)

## FIVE - DAY WEATHER FORECAST

Saturday - Wednesday  
Temperature for the next five days will average near or slightly below normal. Our normal temperatures for this time of year range from a low of 24 at night to a high of 40 in the afternoon. Some precipitation is likely about Monday and Tuesday. Total precipitation for the month was one inch of rain during the past week.

## Heptachlor No More Says Sloat

The Food and Drug Administration has placed a zero tolerance on Heptachlor for use in or on agricultural crops. This means that Heptachlor cannot be used on alfalfa, or on any other forage crop, where there is apt to be a residue of Heptachlor, according to an announcement from Harry Sloat, Associate County Agent.

There has been considerable interest in the use of Heptachlor in granular form, or mixed with fertilizers, for alfalfa weevil control. Even though these forms are designed to be used before the alfalfa starts to grow, they would still produce residues on the crop at harvest time. Therefore, the use of Heptachlor on alfalfa in any form, is illegal. Alfalfa weevil control. (Turn to page 12)

## SCD Signs Eight New Cooperators

Eight new cooperators signed agreements on 830 acres on seven farms, it was reported at the meeting of the Lancaster County Soil Conservation District Monday night.

The number of new cooperators brings to a total of 31 the number of cooperators requesting conservation plans for the year. For the same period of time last year 12 farmers signed agreements.

As a result of a watershed workshop held January 25, the SCD has scheduled a series of four area watershed meetings. The first of these is scheduled to be held at Blue (Turn to page 10)

## Farm Calendar

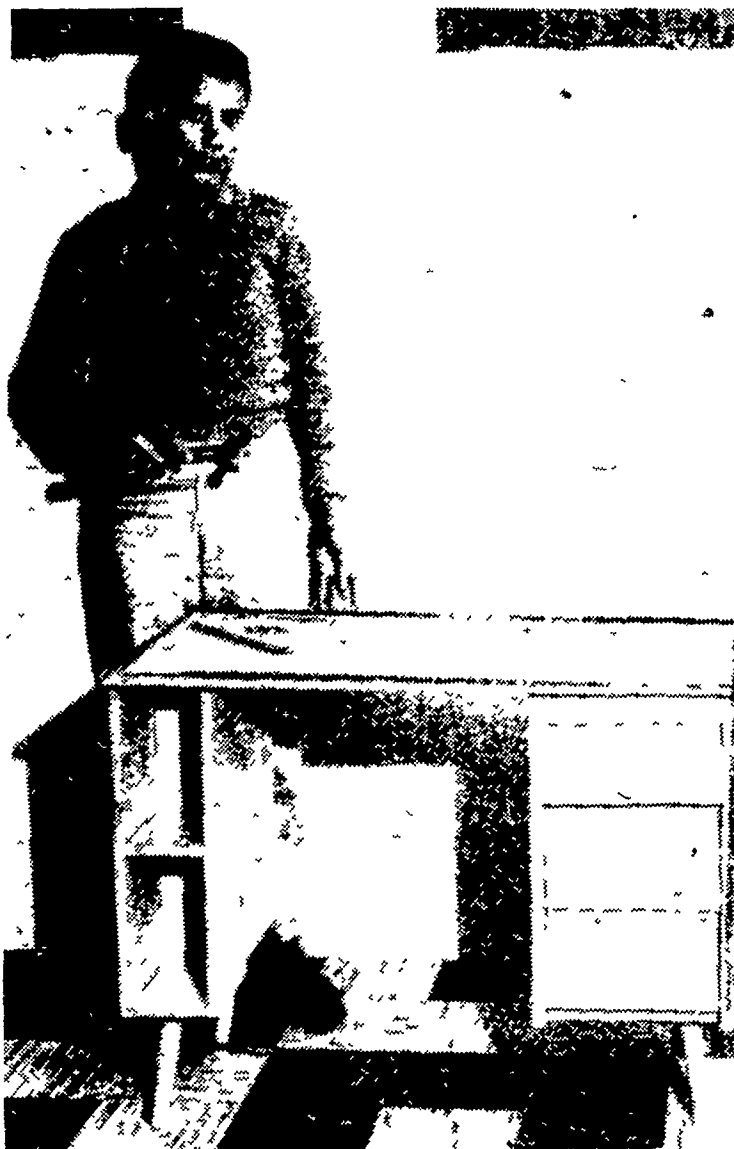
February 13 — 2 00 to 5:00 p.m. Chicken Barbecue at the Lancaster Poultry Center, Roseville Rd., Lancaster.

February 13—10 00 a. m. — Yorkshire swine show and sale at Guernsey pavilion, Lincoln Highway, east of Lancaster. Sale begins at 1 00 p.m.

February 15—7 45 p. m. — Penryn area Poultry meeting in the Penryn fire hall. Glenn Herr and Charles Warfel in charge.

February 17 — 10 00 a. m. — Annual meeting of the Lancaster County Farm Bureau Cooperative at Pequea Valley High School. Election of four directors. Free lunch 7 30 p.m. — 4-H electric club meets in PP&L building.

February 18—7 30 p.m. Annual meeting of the Lancaster County District of Southeastern Pennsylvania Artificial breeders Cooperative in the Hempfield Elementary school, Landisville. Election of one director from Lancaster Co.



FIRST PLACE WINNER IN THE Handyman 4-H Club roundup at the Production Credit building on Wednesday night was Wilmer Wenger, son of Mrs. Miriam Wenger, 76 Greenfield Road, Lancaster. The 16 year old junior at Lancaster Mennonite School has been in 4-H Club work for four years. Previously he has carried projects in Garden, Entomology and Bees. His winning entry in the handyman club was a desk with built-in drawers and waste basket. The Handyman club was new in the county this year. —LF PHOTO

(Other Photo on Page 9)