

Lancaster Farming

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\$2 Per Year



YOU HAVE TO TOP THIS NEW TOBACCO LOW, Grant Miller, teacher of Vocational Agriculture at Donegal Union High School, tells sophomore boys. The class was inspecting part of the chapter's tobacco project, and most of the boys wanted to top the Pen Bel 69 as high as they are used to topping older varieties. Left to right are James Nolt, Mount Joy; Miller, Robert Rote, and Galen Rutt, both of Mount Joy R1; and Robert Denlinger, Marietta R1. L. F. Photo.

Donegal FFA Combines Earning And Learning

Members of the Witness the tobacco has been sold, Oak Chapter Future Farmers of America combine education and economics in a chapter project.

The vocational agriculture students at the Donegal Union High School, and their teacher, Grant Miller, finance most of their program of work with tobacco and corn projects each year.

This year the chapter has seven acres of tobacco planted in five plots. The chapter divided itself into five committees, with each committee responsible for one plot. After

there will be a prize for the committee doing the best job of caring for their plot.

The money from this project and 12 acres of corn grown on shares with Martin Musser, Mount Joy R1, will help finance the annual tour of Western United States by the 1964 graduates, plus other tours and awards.

Tickets for the annual FFA area leadership training conference banquet, the chapter's annual parent and son banquet, and the annual trip to FFA week at the Pennsylvania State College are being sold.

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County Livestock Tour To Ohio Is Scheduled

Plans have been completed for the three day Lancaster County Livestock Tour into Ohio, County Agent Max Smith said this week.

Advance reservations before Sept. 25 will be required and will be accepted on a "first come first served" basis, Smith said. A deposit of \$23 to cover cost of the bus trip will be required with each reservation. Tour members will purchase their own meals and lodging on the trip.

Present plans call for two buses to be chartered with the reservations going to the first 76 applications received. Other applications received before closing date will be put on a "standby" list to be used in case of cancellations.

In a letter to livestock feeders Smith gave the following trip schedule:

"On Tuesday, October 22, the group will depart from Lancaster at 6:30 a.m. and

travel by buses on the Turnpike to Wauseon, Ohio (500 miles), where we will lodge for the night. After a buffet supper, we will have a panel discussion period with the officials of the Fulton County Cattlemen's Association.

"On Wednesday, October 23, we plan to visit six cattle feeding and hog feeding farms in the area between Wauseon and Fremont, Ohio. These outstanding farms will feature labor-saving devices, high mois-

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County Dairy Clubbers To Show Forty-Three Animals At State

Twenty-five 4-H club members and 18 Future Farmers of America have qualified to show animals in the eighth annual Pennsylvania Junior Dairy Show, September 19, in the Farm Show Building, Harrisburg.

Eligible animals are all blue ribbon winners in the District 4-H show and Regional FFA show held last week at the

Guernsey Pavilion, Lincoln Highway east of Lancaster.

Associate County Agent Victor Plastow said this week all animals exhibited at the show must have inoculations for shipping fever before being shipped to Harrisburg. This is in addition to the Bangs Disease and tuberculosis tests required for the local shows.

County Future Farmers winning blue ribbons at the regional show last Friday in-

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Manheim H.S. Hires Teacher Of Voc. Agri.

Charles F. Hess, a teacher of vocational agriculture for 30 years, was hired by the Manheim Central High School last Wednesday night to replace Joseph McGahan, who resigned recently to accept a



CHARLES F. HESS

position of the staff of the Pennsylvania State University.

Hess spent the last 22 years teaching at Mansfield High School where he had a Future Farmer Chapter of about 30 boys.

He was born and reared on a dairy and poultry farm in Northern Luzerne County. After graduation from the Pennsylvania State University, Hess taught two years at Corsica Union H. S. in Jefferson County, and six years at Scott

Biologic Control Of Jap Beetles

A way to mass-produce bacterial spores that cause milky disease of Japanese beetles is the goal of a team of ARS scientists at the Northern utilization laboratory, Peoria, Ill.

Their approach: First, grow large populations of the bacterial cells by industrial fermentation methods; then, induce these artificially grown cells to form spores — a dormant stage — capable of surviving in soil and causing disease when ingested by beetle grubs.

If they succeed, the U. S. will have a low cost, effective biological control for Japanese beetles.

Milky disease spores now used as a soil treatment by many eastern homeowners are produced in diseased beetle grubs. But this method is not practicable for producing spores in the quantities needed by farmers and by plant pest control officials charged with preventing the relentless westward spread of the Japanese

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Farm Calendar

Sept. 9 — 8 p.m. — County Soil Conservation District Directors meet in the Court House.

8 p.m. — County 4-H Ayrshire, Jersey, Brown Swiss club meets at the home of Kenneth Eshelman, Elizabethtown R1.

Sept. 10 — Vegetable Growers Field Day at the Pennsylvania State University.

8 p.m. — Elizabethtown-Donegal 4-H club meets at the home of Christ Miller, Elizabethtown R1.

Sept. 11 — 8 p.m. — County 4-H Guernsey club meets at the Lampeter - Strasburg H.S. agri. room.

Sept. 11 and 12 — Annual turfgrass field day at the Pennsylvania State University.

Sept. 12 — 8 p.m. — Lititz-Manheim 4-H club meets at home of Mary Alice Graybill, Lititz R2.

Sept. 13 — 7:30 p.m. — Boots and Saddles 4-H club meets at the Lancaster Riding Club grounds, Lincoln Highway west.

Sept. 14 — District 4-H horse show at Ludwig Corners, Chester County.

Bull Semen Can Transmit Foot-and-Mouth

Foot-and-mouth disease can be transmitted in bull semen before an infected bull shows any signs of the disease. Use of this virus-contaminated semen for artificial insemination can cause the disease in cows.

These findings by Agriculture Research Service veterinarians at the Plum Island Animal Disease Laboratory, Long Island, N.Y., indicate that foot-and-mouth disease could be brought to U. S. livestock if semen were imported from countries where the dis-

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FIVE-DAY WEATHER FORECAST

Temperatures during the next five days are expected to average near the normal range of 59 at night to 79 in the afternoon. Milder weather is expected over the week end with little day to day temperature change thereafter. Precipitation is expected to total 1/4 to 1/2 inch with a chance of widely scattered showers over the area late Saturday and Sunday and more general rain near the end of the period.

Dairy Bulls Fed For Beef Are Profitable

"Dairy bulls for meat" may become an expanded farm product if experiments at The Pennsylvania State University continue as reported this week during the World Conference of Animal Production in Rome, Italy.

Dr. James R. Nichols, dairy scientist with the Agricultural Experiment Station at Penn State, said dairy bulls on feeding trials reached 800 pound weight at 10 months of age, while dairy steers took 11 months to attain this weight. For 1,000-pound animals, the comparisons were 13 months for bulls and 14 months for steers.

As for feed needed to reach slaughter weight, bulls on the average consumed 414 fewer pounds than steers. Regardless of whether they were bulls or

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