

Ephrata Young Farmers Elect Officers



The Ephrata Area Young Farmers Association elected new officers during their monthly meeting Jan. 20. They will be installed at the organization's annual banquet scheduled for Feb. 7. The officers are, from left, Francis Uhland, president elect; Mike Pfautz, president; Tim Pfautz, secretary; Kevin Smoker, public relations director; and Gerald Martin, treasurer.

Turkey Production Expected To Increase In 1987

HARRISBURG — Pennsylvania turkey producers raised a record 7.8 million turkeys in 1986, up nearly 10 percent from the 7.1 million raised in 1985. The Commonwealth producers intend to raise a record 9.1 million turkeys in 1987, a 17 percent increase over the 1986 estimated production. Turkey producers in the 20 major states intend to raise 222 million turkeys in 1987, up 11 percent from the 200 million raised in 1986.

SHORT NOTICE PUBLIC AUCTION

FRIDAY, FEB. 6, 1987

AT 11:00 A.M.
WELCON CONNECTOR COMPANY
Exit 15 off I 83 between Hbg., & York.
Due to relocation & consolidation the following will be sold:

MACHINERY

Van Dorn 200 Ton Injection Molding Press Model 200514, 2 Van Dorn 125 Ton Injection Molding Presses Model 12558, Minster 22 Ton Punch Press Model B-1-22, Whitlock Dryer Model 202, Thorenson McCosh Temp Unit Model D25T, Bridgeport Milling Machine, 3 Boyar-Shultz Surface Grinders, Frohring Mini Injector Model 70VC95, Perkins 20 Ton Stamping Press, Excello XLM Turret Milling Machine, Benchmaster 5 Ton Press, Perkins 28 Ton Press, Several Other 5 Ton Presses, Wire Machines & Reelers, Dust Collectors, Pathfinder Units, Unibelt Conveyor Systems, Polymer Grinder, Temp Controls, Rockwell Drill Press, Many Other Parts & Misc. Items!

OFFICE & SHOP EQUIPMENT

25 Formica/Steel Work Tables, 6 File Cabinets, 25 Steel Chairs, 6' Floor Model 2 Door Safe, 8 Office Desks, Office Chairs, Lamps, Metal Shelving, Lockers, Bookshelves, Metal Cabinet, Steel Carts, 12 Fans, Telex Machine, Tool Chests, 2 Skids Heavy Shelving, Toledo Scale 100 lb cap., Piping, 2x4 Lumber, Hundreds Other Items!

NOTE: Inspection Thurs. Feb. 5, 1987 9 AM - 4 PM. Removal by Feb. 8, 1987. NO OUT OF STATE CHECKS WITHOUT LETTER OF GUARANTEE FROM ISSUING BANK. Auction Indoors. If Roads Impassible Due to Bad Weather. Auction Will Be Saturday February 7, 1987.

AUCTION FOR
WELLS ELECTRONICS CO.
Southbend, Indiana



KERRY PAE AUCTIONEERS
4613 NORTH FRONT STREET
HARRISBURG, PA 17110
(717) 236-3752

AU 1367

AUCTION - AUCTION - AUCTION

LEBANON COUNTY DAIRY FARM

Thursday, March 5, 1987
11 A.M.

119 Acres, more or less, with approximately 85 tillable Neshaminy soils.

Barn #1 93 Tie Stall, 4 Rows, 50% with Mats

Upper Level - 4 Bays, 2 Mows; 1200 Gallon Bulk Tank; 8 Milkers; Pipe Line; Sweep In Tile Troughs; Gutter Cleaner.

Barn #2 38x120' 38 Tie Stalls plus 3 Section Loose Housing.

Upper Level - Equipment & Hay Storage.

Barn #3 40'x150' 38 Free Stall with Bunk Feeder; Feed Mixer.

Silo: 16'x50' - Poured Concrete

Silo: 24'x80' - Terri Hill

Silo: 24'x80' - Rib Store (leased)

** Plus Other Buildings

Home 4 Bedroom Farm House

DIRECTIONS: Farm is located on Quarry Road. From Jonestown Square, go South on Grace Avenue cross Swatara Creek, Turn left, First Road which is Quarry Road. Look for sign on right. From Lebanon on Route 72, North side of Lebanon, go North on Jonestown Road, watch for "Y" in the road, bear left, go past Power Station then turn right. Sign on left.

TERMS: 10% Down day of sale, balance due in 45 days.

Auctioneer: Harry H. Bachman
License No. AU000033-L
Conditions by: Federal Land Bank of Baltimore - Shown By Appointment

RICH BRANDT AUCTION MANAGEMENT

2230 5th Street Highway, Reading, PA 19605
717-274-3622 215-378-1122

Beneficial Molds Wage War Against Soil-Borne Plant Disease

WASHINGTON — A new crop-protecting technology which relies on beneficial molds taken from the soil to kill other molds that cause diseases in farm and garden crops is emerging from the laboratory.

Scientists ferment the good molds so they multiply and put them in powders, sprays or pellets. They are then returned to the soil to attack the disease molds that jeopardize harvests.

Emerging after years of research, this technology amounts to a "soil war" against crop losses.

Crops succumb to some 50 kinds of soil molds and a few types of bacteria, says U.S. Department of Agriculture plant pathologist George Papavizas. About \$4 billion worth of crops a year are lost, never making it to harvest.

Papavizas and colleagues in USDA's Agricultural Research Service have been identifying bacterial molds to help reduce such losses. Also, they have been developing the fermenting and packaging technology to get the molds back into the soil — enough of them so the molds can wage a successful soil war.

How would the war be fought in the future? A farmer or gardener would select a good mold to attack a specific fungal disease of crops. A company would package and sell the mold, for example, in nontoxic pellets.

"Safe, nonpolluting disease control sometimes lasts for several seasons," Papavizas says of greenhouse and field tests run at the Soilborne Diseases Laboratory at the Beltsville, Md., research center. Laboratory researchers have been at the forefront for nearly 20 years in finding environmentally safe organisms instead of depending only on agricultural chemicals to control disease.

According to Papavizas, the laboratory's soil war technology has prompted commercial interest

by drug and other industries that use vats for fermentation — similar to the process the laboratory uses to grow the good molds.

Laboratory findings to date include:

- Powdered beneficial molds, Trichoderma and Gliocladium, reduced disease on potato plants for two consecutive years. Only in the first year were molds applied to test plots.

- A patented strain of Trichoderma called T-1-R9 lowered disease damage on greenhouse crops of chrysanthemums and carnations by 50 to 60 percent and on potato crops by 10 to 20 percent.

- Sporidesmium mold, used in different delivery systems, is effective against disease-causing molds on onions, lettuce and numerous other vegetables, livestock foraging plants, and oil seed crops. This patented mold persists for years as it invades and destroys dormant forms of several harmful fungi.

- A pelletized mold, Talaromyces has controlled a serious wilt disease on potatoes since 1984. The mold's population has grown by 10-fold in the soil. With no pellets added in 1985, 14 percent fewer potato plants had disease.

- A Talaromyces powder added to pots of eggplants, a crop often started in greenhouses, reduced Verticillium wilt disease by 75 percent.

- Gliocladium, added to potting soil as a fresh culture or in granular form, controlled two molds that cause 10 percent disease losses in bedding plant crops.

- A combination of Trichoderma powder and a chemical fungicide helped bean and pea varieties survive molds that destroy up to 20 percent of these crops yearly. Bean yields jumped to 60 percent and peas 50 percent.

1987 SWINE FINISHING FOR PROFIT

BY
Dr. Robert Graybill and
Dr. Timothy P. Trayer
at

ROTHSVILLE FIREHALL

Friday, February 27, 1987

- 8:45- 9:00 Introductions
- 9:15-10:00 Grower-Finisher Unit Problems
Dr. Barbara Straw, Cornell University
- 10:00-10:45 "Are You Tired of Coughing With Your Pigs?" Dr. Dan Meyer, Penn State University
- 10:45-11:00 Break
- 11:00-11:45 Lice and Mange A Problem of the Past - Ivomec®
- 11:45-12:15 Strep Suis II and Alpha Strep - A New Health Problem?
Dr. Timothy P. Trayer
- 12:15- 1:30 Lunch
- 1:30- 2:15 Grower-Finisher Solutions
Dr. Barbara Straw
- 2:15- 3:00 Analysis of Unit Problems
Dr. Dan Myer
- 3:00- 3:30 Records and What They Show. Mr. Mike Miller, Penn State University

* For reservations please call

1-800-222-4084

before February 13, 1987.

Limited to the first 200 (no charges).

Public Auction Register

FEBRUARY

FRI. FEB. 6 - Interstate Milk Producers Sale at Solanco Fair Bldg. J. Everett Kreider, Bucher & Heaps, Aucts.

FRI. FEB. 6 - 10AM New Holland Sales Stables Special Mule Sale. 1 Load of Good, Big, Young Mules. Consigned by Norman Kolb

FRI. FEB. 6 - 11AM Machinery, Office & Shop Eq. at Welcon Connector Co., Exit 15 off I-83 between Hbg. & York. For: Wells Electronics Co. Kerry Pae Aucts.

FRI. FEB. 6 - 11AM Short Notice Dairy Cattle Sale of 45 Head. Penns Valley Livestock Auction, Centre Hall, PA. By: Benjamin Novak for the Estate of Carolyn Green, FmHA, Roger Green.

