

# Open House At Penn State

**UNIVERSITY PARK (Centre Co.)** — The Agricultural and Biological Engineering Department at Penn State University will be participating in the 1992 Engineering Open House on Saturday, February 22.

The Department will be open from 10 a.m. to 3 p.m. to conduct tours of the various activities in the department and to discuss career opportunities in agricultural engineering.

Exhibits describing activities in the department include spray drying of coffee, juice extraction from fruits, computer vision systems for fruits and vegetables, timber bridge model, beam testing, hydroponic lettuce production, plant tissue culture system, rainfall simulation, physical properties of foods, expert systems for frost protection, agricultural machinery systems, and agricultural safety.

Bus tours to Agricultural Engineering leave from parking lot Brown A behind the Mechanical Engineering Building at 10, 10:30, 11, 11:30 a.m. and 1, 1:30, and 2 p.m. All visitors will be treated to free cider and University Cream-

ery ice cream.

Agricultural engineering involves the application of engineering principles to all phases of agricultural production, food processing, and management of our natural resources. Agricultural engineers work in research, development, design, testing, management, sales, and education.

Areas of emphasis within agricultural engineering include:

- Soil and water management for efficient crop production, waste handling, and environmental quality.

- Food engineering for process-

ing, handling, packaging, and storing food products.

- Structural systems for efficient livestock production, food storage, and plant production.

- Machinery design and systems management for agricultural production, food processing, construction, and forest industries.

For further information contact Dennis E. Buffington, Professor and head, Agricultural and Biological Engineering Department, 250 Agricultural Engineering Building, University Park, PA 16802, (814) 865-7792.

## Two-State Dairy Day Set For Feb. 6

**HARTLEY, Del.** — The annual Delaware-Maryland Dairy Day will be held Wednesday, February 5, from 9 a.m. to 3 p.m. at the fire hall in Hartley, Del. This conference, co-sponsored by the Cooperative Extension systems of the University of Delaware and the University of Maryland, is free and open to anyone regardless of race, color, sex, handicap, age or national origin. Lunch will be provided.

Dr. Stephen Emanuele, a dairy professor at Rutgers University, will give the keynote speech. He will address cation and anion as they relate to the nutrition of dairy animals and discuss how the right feeding rations can help the dairy farmer avoid mineral imbalance in high-producing cows.

For more information about the conference, call Dr. George F.W. Haenlein at the University of Delaware at (302) 831-2523.



## Local Corn Grower Strikes Gold

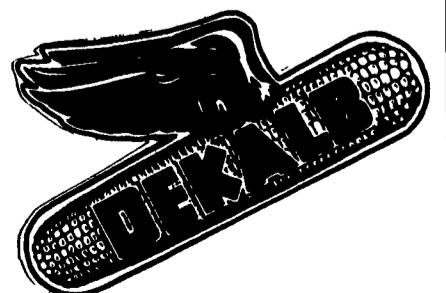
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