

PSU Scientists Find Harmful Swine Bacteria

For the second time in two years, veterinary scientists at The Pennsylvania State University have identified a new group of disease-producing organisms among the E. coli bacteria in the intestinal tract of baby pigs and calves.

The identification, the first in the United States, was made by Dr Paul J Glantz and associates of the Department of Veterinary Science at Penn State. Known as E coli 0157, the organism has also been found in Canada. The bacteria produces a powerful toxin in the intestine and results in diarrhea and sudden death of young animals.

Dr. Glantz believes the newly-identified strain of E. coli may have been present in the U.S. for some time, due to lack of a specific serum for identifying it. By determining the specific agent responsible for the disease, research workers can now ex-

periment with the organism to develop methods for preventing and treating it.

In recent years Dr. Glantz has attained an international reputation for his work in identifying certain hitherto unknown E. COLI strains. In 1970 he was the first U.S. scientist to successfully use anti-serums to identify the disease-producing strain known as 0149. Over the years he perfected a technique for separating harmless E. coli organisms from pathogenic ones. The technique is called serotyping.

Identification of such organisms is carried out at the E. coli Reference Center at Penn State, the only headquarters of its type for animals in the United States. Penn State Agricultural Experiment Station scientists work in close collaboration with the Center for Disease Control in Atlanta, Ga., and with the International E. coli Center in Copenhagen, Denmark.

2 Milk Coops Plan to Merge

Dairylea Cooperative Inc. and the Northeast Dairy Cooperative Federation (NEDCO) said Thursday they were creating a joint agency to market the milk of their 11,000 dairy-farmer members.

Total sales of milk by the common marketing agency are expected to exceed \$250 million annually, the co-ops said. The agreement affects dairymen mainly in New York State, New Jersey and Pennsylvania who produce milk for the New York-New Jersey region, known formally as the Federal Order 2 Marketing Area.

The agency is expected to go into formal operation on or about April 1 and will assume the pickup, sale and delivery of milk from members' farms.

Beef Cow Clinic Slated for York

A beef cow management clinic will be held on three successive Tuesday nights at the York County 4-H center. The clinics will start at 7:30 p.m. each night, and will be held February 27, March 6 and March 13.

The 4-H Center is located five miles west of York on U.S. Route 30. From U.S. 30, go south on Pa. 116 for 1½ mile and turn left on Bar Station Road.

Below is the program for each night. All speakers are faculty members from the Penn State College of Agriculture.

February 27: "Better Breeding for More Profit" - Dr. Lowell L. Wilson -

Grain Stock Below '72 in State, U.S.

Stocks of the four grains (wheat, corn, oats and barley) in Pennsylvania storages on January 1, 1973, totaled 73.8 million bushels according to a report this week from the Pennsylvania Crop Reporting Service. This compares with 90.8 million bushels of the same four grains on January 1, 1972.

Wheat stocks in all positions are 12 percent below the previous year. On-farm stocks decreased 19 percent and off-farm stocks decreased 8 percent from a year earlier.

Corn in storage was down 18 percent from one year ago. Off-

farm stocks were down 49 percent. However, the bulk of corn is stored on-farms, which showed a 14 percent decrease.

Oats stocks were down 25 percent from a year earlier. On-farm stocks were down 26 percent and off-farm stocks down 6 percent.

Barley stocks were down 21 percent from a year earlier. On-farm stocks were down 26 percent and off-farm stocks down 6 percent.

Nationally all wheat in storage on January 1, 1973 totaled 1,393

million bushels, 10 percent below a year earlier and 1 percent below the January 1, 1971 total. Off-farm stocks at 886 million bushels were 4 percent above a year earlier but farm holdings of 507 million were down 27 percent. Disappearance from all storage positions from October through December is indicated at 473 million bushels, compared with 326 million a year earlier. The Commodity Credit Corporation owned 267 million bushels and had loans outstanding on 305 million.

Mrs. Donald R. Aikens To Speak At Luncheon

Mrs. Donald R. Aikens, president of the Pennsylvania Council of Republican Women, will be the speaker at the annual fingertip luncheon of the Women's Republican Club of Lancaster County at the Iris Club, North Duke Street, Lancaster, on Tuesday, February 13, at noon.

The meeting is open to the public and reservations should be made by February 9 by calling the clubrooms between 9 a.m. and 1 p.m. Mondays through Fridays.

Baby sitting will be available.

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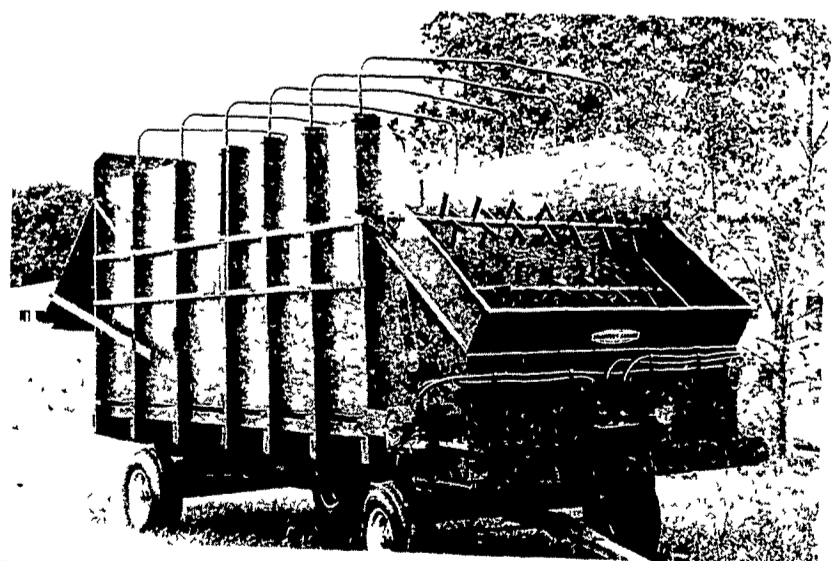
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