

Northern FFA Eggs Win for Second Time

Northern FFA Chapter of Northern High School, Dillsburg, York County, won the School Banner for the largest and best display of eggs for the second year in a row.

Halifax FFA Chapter, Halifax Area High School, Dauphin County, placed second for the second consecutive year.

Upper Bucks FFA, Upper Bucks Vo-Tech, Bucks County, a newcomer to competition, captured third place.

Jay Geisinger, Quakertown, RD2, Bucks County and a member of Upper Bucks FFA Chapter, captured first place in the Junior Class-Best Dozen.

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Frey Holstein Exceeds Half-ton of Butterfat

An official production record exceeding a half ton of butterfat has been completed by Fultonway Reflector Bobbie 6547429 (VG), a Registered Holstein cow owned by J. Mowery Frey and Son, Lancaster. This is the first time that "Bobbie" has achieved the 1,000 pound butterfat production level in a single lactation. This record ranks among 3,709 similarly completed by Registered Holstein cows on official test.

The Frey Holstein's official record of production totalled 21,580 pounds of milk and 1,007 pounds of butterfat in 325 days.

Fultonway Reflector Bobbie was bred in the Frey herd. She was sired by Howacres Reflector Model 1392654 (EX).

Potato Champs

Nevin W. Reitz, Schnecksville, RD1, Lehigh County, captured the grand championship in open potato classes at the 57th Farm Show. Reitz's winning entry was an exhibit of Katahdins. He won top potato honors at the previous seven Farm Shows.

Glenn Frey, Germansville RD1, Lehigh County, exhibited the champion entry in 4-H classes.

The heaviest uniformly shaped potato was displayed by Ross Miller, Stewartstown RD3, York County.

Killer Bacteria Identified

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.

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.

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

4-H Holstein Champ

George M. Knight III of Airville, York County, won the grand championship in junior Holstein classes with his 10-year-old cow, Woodbine Ivanhoe Fancy. George is a member of the Milk and Money 4-H Club of York County.

Reserve champion honors went to Douglas M. Seidel, of Richland, Berks County, showing Kerchenhill Miss Ella, a three-year-old. Douglas is a member of the Stauchsburg 4-H Club.

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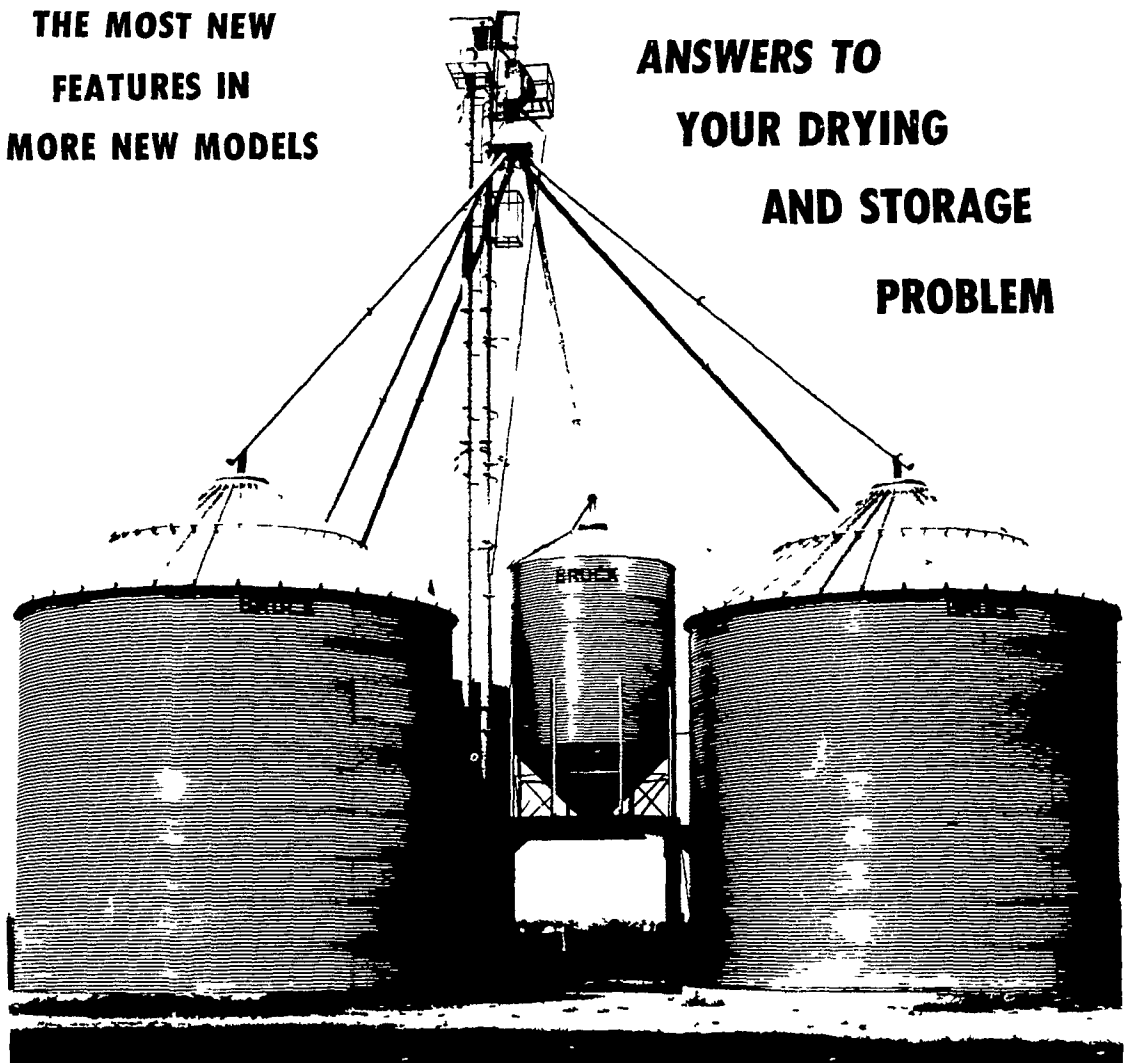
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