

# Lancaster Farming

## SECOND SECTION



**CROSS OVER THE BRIDGE.** Everett Kreider (left) and Ed Montgomery pose with Scott Mull's Solanco Fair reserve grand champion Guernsey cow, MAR-MULLDALE FAMES FAWN, which was taken across the new Norman Wood Bridge on Kreider's truck Wed. after the opening ceremony. The act was staged by

the Interstate Milk Producers Cooperative and Quarryville area farmers to publicize the importance of farming in the York-Lancaster area. Scott is the son of Mr and Mrs. Elam Mull and the cow is his 4-H project. The new bridge was dedicated before more than 2,000 spectators.

### Genetic Resistance To Poultry Disease To Be Studied Now

Scientists at Cornell University have been awarded a 3-year contract with the U.S. Department of Agriculture to try to learn whether it is possible to develop a poultry strain that is resistant to a costly disease.

The question is a serious one, as leukosis, including Marek's disease, increased the cost of producing and processing poultry and eggs by more than \$190 million last year. Cornell researchers will follow up on earlier studies showing that individual chickens surviving an outbreak of Marek's disease transmit a high degree of resistance to their offspring. The 3 year contract for \$64,987 is sponsored by USDA's Agricultural Research Service

Specifically, the poultry industry wants to know what would happen if commercial breeding stock were exposed to a planned Marek's disease infection.

If their offspring were disease resistant, would the cost of this method outweigh returns? Would planned exposure of breeding stock pose a risk to susceptible birds? Would selection of families resistant to Marek's disease reduce egg production, egg quality, body size, or other important economic traits? Would as-yet unknown

side-effects be triggered by this selection?

Scientists say these questions are well worth asking, because there is no effective method known today to prevent or cure Marek's disease. Some poultry producers have tried raising stock under strict isolation from other poultry, but this technique isn't too effective

The studies at Cornell will be directed by Dr. Randall Cole Dr Lyman B. Crittenden, ARS geneticist at Beltsville, Md., will represent USDA.

### Insect Stings May Be Fatal

About 25,000 cases of severe injury result from the millions of insect stings received in this country each year, says John S. McDaniel extension farm chemicals specialist at the University of Delaware. And about 30 of these injuries result in death.

Reactions to insect stings vary tremendously from person to person, says McDaniel. One victim may experience nothing more serious than an hour's discomfort while another develops shock symptoms and loses consciousness.

Reasons for these diverse reactions (Continued on Page 16)

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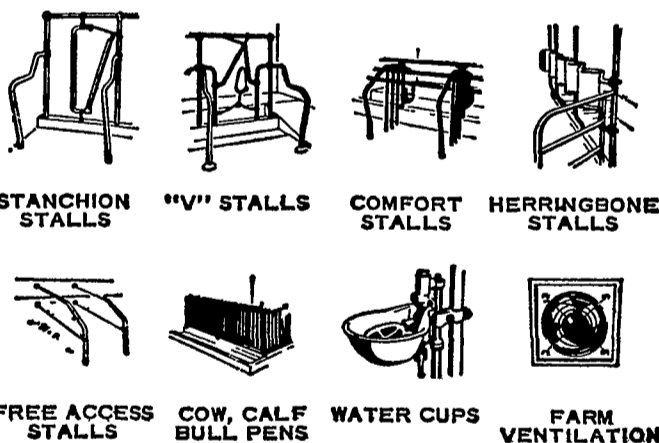
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