

## Mary E. Mumma Showing Calf At National Show

Five Pennsylvania young folks won the opportunity of showing registered Guernsey dairy cattle at the National Junior Guernsey Show, Tuesday, in Waterloo, Iowa, according to the American Guernsey Cattle Club.

The five included Robert Hopkins, Coal Center, William E Cannon, Sharpsville, Ann Louis Witmer Dalmatia, Mary Ellen Mumma, Landisville, and Samuel F Wilson, Avella.

Miss Mumman and Wilson showed heifer calves, Har-Len K Helen and Wilsona Farms Daisy, respectively. Wilson also showed a senior yearling heifer, Wilsona Farm's Dolly.

Miss Witmer entered a junior yearling heifer, East Malta Jeweller's Pearl, and Hopkins and Cannon entered senior yearling heifers, Peach Green Karen and Easthill Radiants Sue, respectively.

The Pennsylvania young folks competed with others from all over the nation, vying for over \$1,500 in cash awards, ribbons, and trophies.

This year's National Junior Guernsey Show is being held in conjunction with the National Dairy Cattle Congress Judge was Dave Younger, manager, Hanover Hill Farm, Yorktown Heights, N Y.

Part of the exhibitor's expenses are shared by the Pennsylvania Guernsey Breeders Assn and the American Guernsey Cattle Club.

## Harry Landis ASC Committee Head for 1958

(Continued from page 1)

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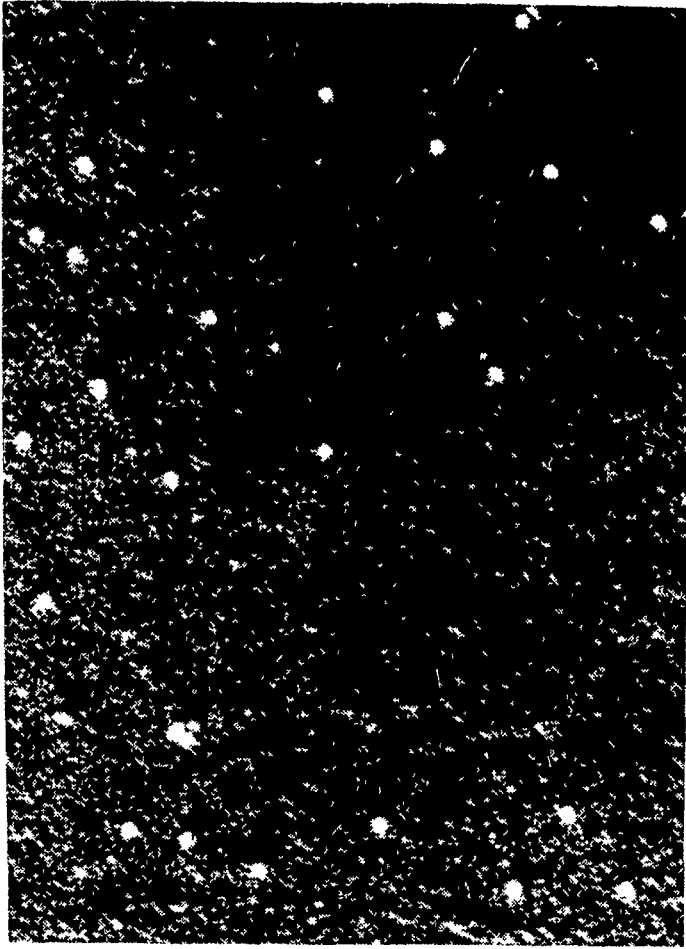
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Scientists Photograph Virus

SCIENTISTS AT THE Plum Island Animal Disease laboratory of the U S Department of Agriculture report that they have purified, isolated, and photographed the foot-and-mouth disease virus. Their first electron micrographs of the virus reveal that it is spherical in shape and about one-millionth of an inch in diameter. This is the smallest of any of the viruses affecting animals—even smaller than polio virus. These new findings about the physical makeup of foot-and-mouth disease virus are expected to speed research on the development of new and effective means of combatting the disease, which has great economic importance to livestock production throughout most of the world. (USDA Photo)

Brucellosis can be spread to cows by artificial introduction of infected semen, but the disease is seldom spread by infected bulls at natural service, veterinary authorities have found.

Conception rates are low for cows and delayed conception may occur if cows are bred before 50 to 60 days after calving, according to veterinary authorities.

## 73 Cows from 10 States Competing At National Holstein Show

Working glamour girls from ten states will highlight the National Holstein Show at Waterloo, Iowa's annual Dairy Cattle Congress yesterday and today.

Competing in this "world-class" of Holstein competition will be an all-time high of 73 cows qualified for the extra premium money offered show ring winners with outstanding official production records to their credit.

Their actual records in breed improvement programs of The Holstein Friesian Association of America, averaged 16,491 lbs of milk and 628.9 lbs of butterfat—considerably more than twice the annual production of the average dairy cow.

A break down of the figures shows 44 mature cows with official records, averaging 17,667 lbs. of milk and 678.3 lbs butterfat. The 17 four year olds average 14,755 lbs of milk and 552.8 lbs

of butterfat. Among the younger set are 13 three-year olds with completed records averaging 14,641 lbs. of milk and 555.7 lbs butterfat.

In reporting the production of the Waterloo entries, Executive Secretary Robert H Rumber of The Holstein-Friesian Association of America pointed out that the cows involved ranked among the nation's top show animals. "The high standards of both type and production represented in the various classes," he said, "provides a striking reflection of the progress being made by Holstein breeders the country over through participation in official breed improvement programs."

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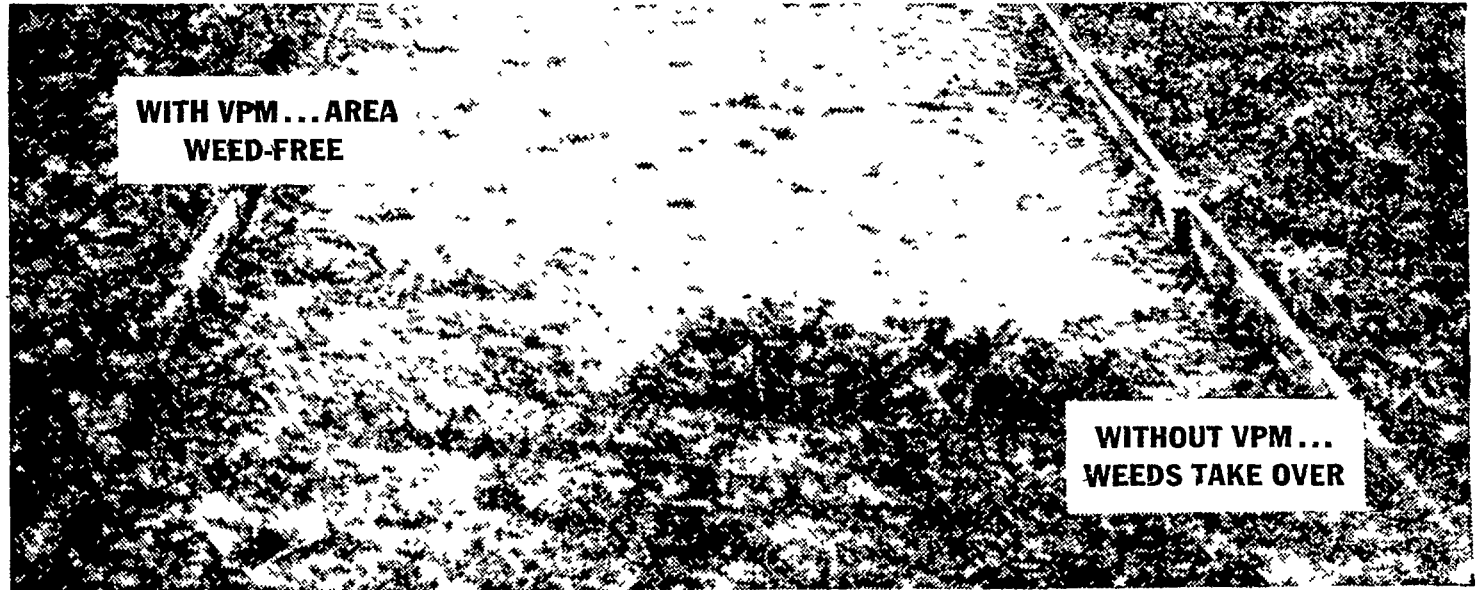
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