

# Lancaster Co. 4-H'ers

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—Guernsey, Marlin M. Stoltzfus, Ronks RD1, Grand Champion; Peter C. Witmer, Willow Street RD1, Reserve Grand Champion.

—Ayrshire, Stephen Horton, Elizabethtown, Grand Champion; Paul Walmer, Elizabethtown, Reserve Junior Champion.

—Brown Swiss, Linda Sue Witmer, Willow Street RD2, Grand Champion.

—Jersey, Ellen L. Schmuck, Peach Bottom RD2, Reserve Grand Champion.

—Holsteins, John Frey Jr, Beaver Valley Pike, Lancaster, Reserve Junior Champion, and Lynn Royer, Lancaster, first place two year old.



Linda Sue Witmer had this Grand Champion Brown Swiss at the District 4-H Show.



Lancaster County 4-H'ers claimed the top two spots in Guernsey competition Thursday at Harrisburg. Marlin M. Stoltzfus, left,

Ronks RD1, shows his Grand Champion and Peter C. Witmer, Willow Street RD1, his Reserve Grand Champion.

## USDA Says Horse Vaccine

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Western types of encephalomyelitis. None of the horses became clinically ill from the VEE vaccine.

On the Calaghan ranch, 150 horses were vaccinated for VEE. None had been vaccinated for EEE or WEE previously. Results were identical to the King Ranch tests.

The horses at both sites were under constant surveillance for clinical signs of disease, and laboratory tests were conducted on selected animals. Observations and tests are being continued.

Tests also were recently completed in Mexico to determine if the vaccine reverted to virulence after administration. The work was carried out by ARS veterinary scientists in cooperation with Mexico's National Institute for Livestock Research, Palo Alto. Five groups of five horses each were selected. The first group was vaccinated

with VEE; and, after allowing time for the virus to multiply, the second group of five was inoculated with blood from the first group, the third group inoculated with blood from the second, etc. — repeated through a total of five passages. In no case did the virus return to virulence.

Laboratory tests have also been carried out by U.S. Army medical research and by other laboratories in Colombia and Panama with similar results.

A special one-year license was issued to Richardson-Merrell, Inc., of Kansas City, Mo., to produce commercial quantities of VEE vaccine in the Company's Jensen-Salsbery Laboratories. The license requires the Company to furnish additional data on the safety and effectiveness of the product in order to obtain a license for continuing production after the one-year period. Commercial supplies of the vaccine are expected to be available in late August.

## Win in District FFA Dairy Show

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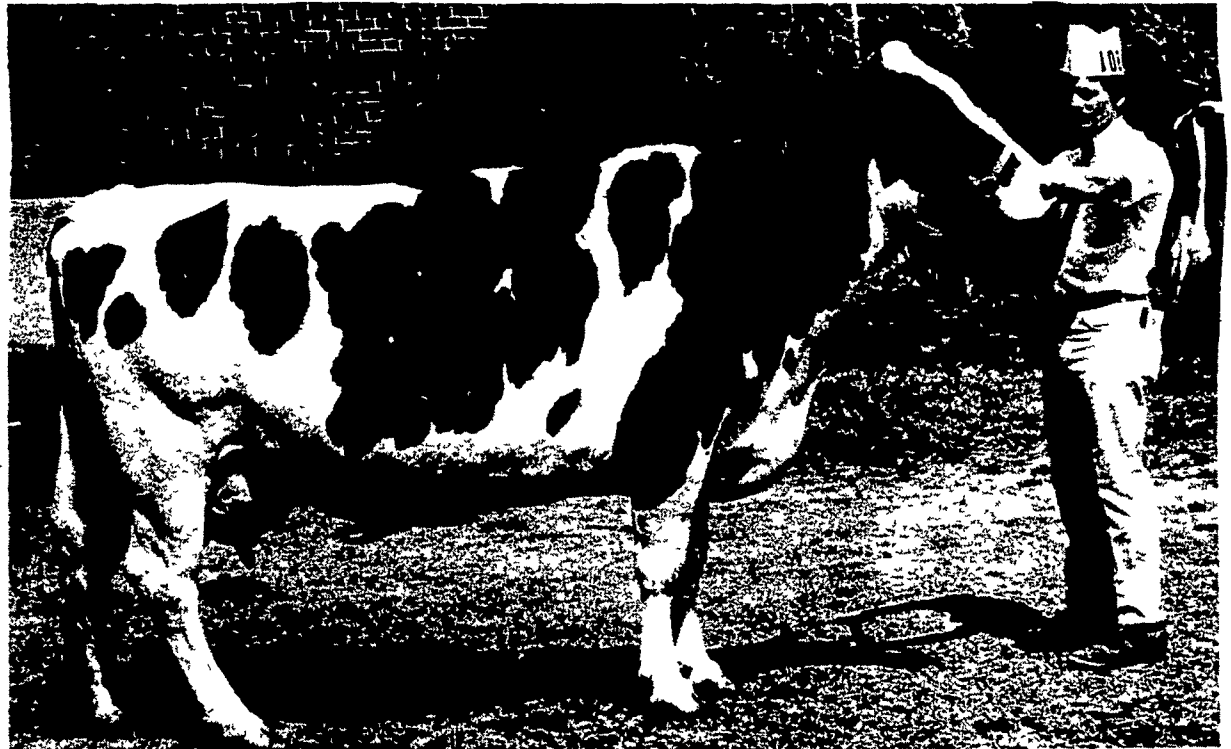
Grand Championships were registered in Guernsey and Jersey competition and Reserve Grand Championships were scored in Guernsey and Holstein breeds. The local winners included:

—Guernsey, Jess Balmer, Lititz RD4, Grand Champion, and Dave Bitler, Peach Bottom RD2, Reserve Grand Champion.

—Jersey, Thomas Aaron, Quarryville RD1, Grand Champion.

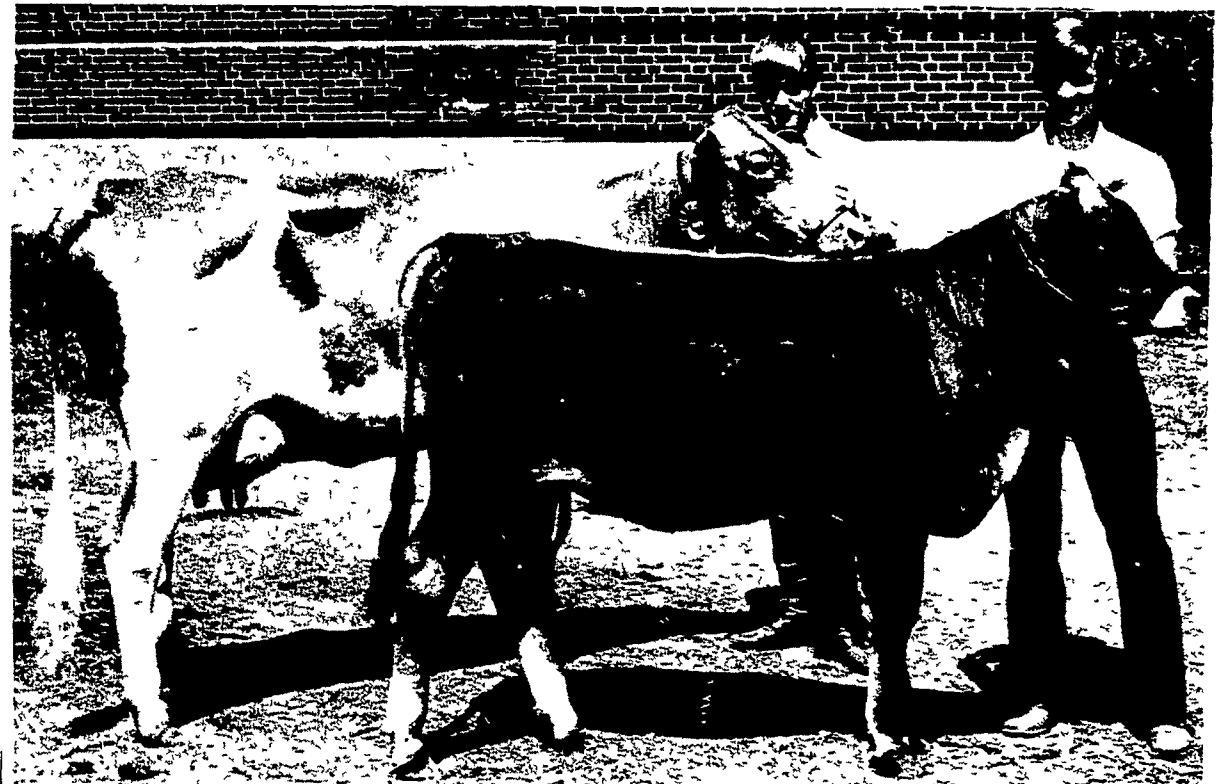
—Holstein, Earl Stauffer, Ephrata RD1, Reserve Grand Champion, and Paul Horning, Stevens RD1, first place in the junior calf class.

—Brown Swiss, Fred Edwards, Quarryville RD1, junior champion.



Earl Stauffer, Ephrata RD1, had the reserve senior and reserve grand champion

Holstein in the FFA show this week.



Among top winners in the district FFA dairy show at Harrisburg Wednesday are Fred Edwards, Quarryville RD1, with his junior champion Brown Swiss, and Dave Bit-

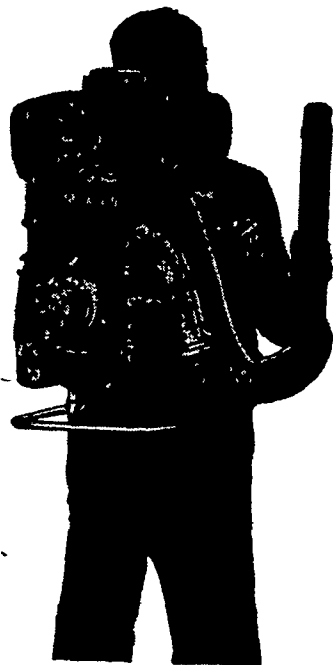
ler, Peach Bottom RD2, with his reserve grand champion Guernsey. Jess Balmer, Lititz RD4, had the grand champion FFA Guernsey.

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