

Holstein Cow Gold Medal Dam

Brattleboro, Vermont, — A registered Holstein cow owned by John S. Shelly, of Manheim R1, has been designated as a Gold Medal Dam by the Holstein Friesian Association of America

The award represents the highest possible recognition for a cow of the breed.

Green-Garden Dolly Sensation (Good Plus) qualified with five of five eligible offspring meeting high standards of production. Four of five met paralleling requirements of type, or body conformation.

The Shelly cow has five officially - tested daughters with records averaging 17,572 lbs of milk and 643 lbs of butterfat on the two milkings a day, 305 day, mature equivalent basis.

Four offspring are classified "Good Plus" - third highest designation in the official Holstein Association program for measuring and improving type.

The new Gold Medal Dam is herself classified "Good Plus" - scoring 84 of the 100 points representing theoretical perfection. She has an official mature, equivalent production average of 16,839 of milk and 663 lbs of butterfat.

"Dolly", now 9 years old, was bred by Frank T Earhart of Manheim. She entered the Shelly herd as a calf

Electric Official Explains Hookup Between Lines

Mr Chas. E. Oakes, PP&L's chairman of the board and chairman of the Edison Electric Institute Committee on "Power Capacity and Pooling" was one of two electric utility industry leaders who this week reported on the electric utility industry's plans for building new high-voltage transmission lines through 1970.

Speaking at a national press conference in New York City, Mr Oakes and Mr Philip A Flegler, president, Edison Electric Institute outlined the elements of a projected \$8 billion expenditure by the investor-owned electric companies to carry out their transmission plans during the remaining "s-x-ties".

The industry's program for development of its transmission facilities will see heavy emphasis placed on the continued improvement of the art of intercompany power pooling.

Mr Oakes pointed out that America's investor-owned electric utilities originated the power pooling idea many years ago. He said they had developed it until nearly all sections of the country are now benefiting.

The national pooling of

power capacity has evolved to the point where nearly all the electric power systems east of the Rocky Mountains, including 100 companies in 32 states, are interconnected.

Barren Hieffers

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This indicates that 3-year-olds failing to conceive will either remain sterile (about 29 percent), or are likely to subsequently match the lifetime calving percentages of cows that calve as 3-year-olds.

The effect inbreeding has on fertility was also studied.

Calving rates were 85 percent for cows with less than 10 percent inbreeding. Those with more inbreeding produced less than a 79-percent crop.

Previous calf's sex had a slight influence on the cow's subsequent conception rate. Cows nursing bull calves produced 18 percent fewer calves the next year than those having female calves.

A recent USDA and Louisiana study showed the effect of a calf's sex on the dam's subsequent fertility. Cows having male calves produced about 5 percent fewer off-

spring. Reasons for this are not known. Researchers think the lower rates may be due to greater difficulties in giving birth to the larger males, and greater nutritional demands on cows nursing bull calves.

Farm machines can rust out quicker when neglected than they can wear out under normal usage with good care. Burton S Horne, Penn State extension agricultural engineer, urges farmers to use a rust preventive on frictioning parts when machines are not in use.



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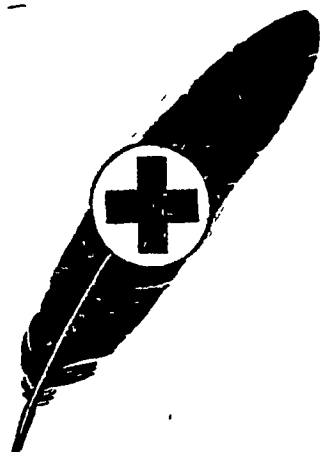
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