Weather Not A Factor In Long Run Corn Yields

Increases in corn yields in the Corn Belt between 1929 and 1962 are attributable almost entirely to the adoption of hybrid seed, the use of nitrogen fertilizer, and other improved production practices, according to the U.S Department of Agriculture

good weather raised yields. yields increased

Economists used a weather index shows what the level of crease

each year.

time Corn Belt farmers be- practices. gan using a new technique. When the technique became pac'

USDA says that while hybrid. Yields remained on scientists found weather affected yields for a plateau until the middle short periods within the 30-1950's Increased use of nitro- and higher planting rates During that time, bad weather 1961 farmers began fertilizing corn yields, it was concluded. lowered yields by as much as at higher rates and once again

In all, Coin Belt yields ad- Last year industrial friends index to separate the effects justed for weather rose from of 4-H provided over four of weather and technology on 30 to 70 bushels from 1929 million copies of educational trends in corn yields. Adjust- to 1962. Hybrid seed account- publications and other maing yields with the weather ed for 20 bushels of the in-terials to aid 4-H'ers in their Nitiogen fertilizer projects.

weather had been normal in The remainder of the increase resulted from higher planting Corn yields moved up each rates and other improved Among First To Enter

While raising the average widespread, yields hit a level of corn yields, technoloplateau until the next inno gical advances have ironed out vation started to make an im- some of the variations in yields. In years of bad The adoption of hybrid seed weather yields do not decline pushed yields up steadily proportionately as much as from 1933 until 1948, when 30 years ago, but in years of 99 percent of the corn planted good weather they do not inby Corn Belt farmers was crease as much either, the

Even greater fertilizer use Savings Bond In addition the the NEPPCO Exposition. year span, its effect for the entire period was negligible a new plateau by 1956 About source of future increases in

yields would have been if caused another 15-bushel rise. 12-Lancaster Farming, Saturday, August 21, 1965

Two Lancaster Girls **NEPPCO Princess Duel**

Miss Carol Ann Whitaker, 17, and Miss Sandra Lee High, 19, both of Lancaster, are among the first four young They must be single and beladies to apply for the annual NEPPCO Poultry Princess con test this year. Entries are being encouraged over the 14- the annual NEPPCO banquet state NEPPCO area

winner will make numerous public appearances in the coming year. Candidates are judged on the basis of beauty, charm, poise, and personality, and do not necessarily have to be previously associated with the poultry industry. tween 17 and 23

The contest will be held at on October 13 at Harrisburg's The top prize in the prin- Holiday Inn Town, and will cess pageant is a \$500 US. be a crowning highlight of

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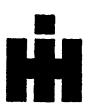
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