



# Nebraska On-Farm Research Network

**Years:** 2002  
**Title:** Planting Speed Impact on Crop Yield  
**Crop:** Corn  
**Study ID:** 102023200201  
**County:** Butler  
**Objective:** To determine and document the effect of planter speed operation using three speeds and two hybrids on the yield and profitability of producing corn  
**Treatments:** One seed (Pion. 33B51 @ 50.2 lbs/bag) and three speeds (4.5, 5.3, & 6.0 mph)

## Nebraska Soybean & Feed Grains Profitability Project



Extension is a Division of the Institute of Agriculture and Natural Resources at the University of Nebraska–Lincoln cooperating with the Counties and the United States Department of Agriculture.

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## **Results: 2002**

<u>Planter Speed</u>	<u>Grain Yield</u>	<u>Moisture</u>	<u>Population</u>
<u>mph</u>	<u>bu/ac at 15.5%</u>	<u>%</u>	<u>1,000 plants/ac</u>
4.5	65	30.3 *	23.620
5.3	63	30.7	23.880
6.0	64	30.9	24.260
Prob > F	0.791 ns	0.030 **	0.095 *

**Summary:** Grain yield was not affected by planting speed in 2002; however, planting at 4.3 mph resulted in drier grain at harvest and the lowest plant population.

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