



Nebraska On-Farm Research Network

Years:	2003
Title:	Planting Speed Impact on Crop Yield
Crop:	Corn
Study ID:	102023200301
County:	Butler
Objective:	To determine and document the effect of planter speed operation using three speeds and two seed classes on the yield and profitability of producing corn
Treatments:	Two seed classes (PDF 55.26# and PDR 54.03#/80,000 Pion 33B51) and three speeds (4.5, 5.3, & 6.0 mph)

Nebraska Soybean & Feed Grains Profitability Project



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Results: 2003

Yield, bu/ac at 15.5%

<u>Planter Speed</u>	<u>Seed PDR</u>	<u>Seed PDF</u>	<u>Mean</u>
4.5 mph	134	136	135
5.3 mph	136	136	136
6.0 mph	135	136	136
Mean	135	136	

Grain Moisture, %

4.5 mph	16.5	16.4	16.5
5.3 mph	16.4	16.5	16.5
6.0 mph	16.5	16.6	16.5
Mean	16.5	16.5	

<u>Statistical Analysis</u>	<u>Grain Yield</u>	<u>Grain Moisture</u>
Planter Speed (P)	0.867 ns	0.947 ns
Seed Class (S)	0.375 ns	0.309 ns
PXS	0.837 ns	0.284 ns

Summary: In 2003, planting speed nor seed class had any effect on grain yield or moisture.

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