



# Nebraska On-Farm Research Network

**Year:** 2001

**Title:** Fungicide Treatment of Soybean Seed

**Crop:** Soybeans

**Study ID:** 082155200101

**County:** Saunders

**Objective:** To determine and document the effect of fungicide seed treatment under adverse conditions on the profitability of producing soybeans.

**Treatments:** Conventional planting date vs. early planting date vs. early planting date with fungicide seed treatment (Rival Allegence)

## 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: Soybeans 2001

<u>Variable</u>	<u>Planting Date</u>			<u>Prob &gt;F</u>
	<u>Conv</u> May 29	<u>Early</u> April 2	<u>Early w/Fung.</u> April 2	
<b>Soil Temp.</b>				
at Planting, F°	56	40	40	
<b>Yield ,</b>				
bu/ac at 13.0%	39*	35	33	0.029**
<b>Moisture, %</b>	12.4	12.5	12.2	0.420 ns
<b>Plant Pop.,</b>				
1000 plants/ac	124.1	78.2	112.0	-----

**Summary:** Fungicide seed treatment increased plant density; however, later planting resulted in a higher plant population and a higher seed yield in 2001.

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