

# On-Farm Comparison Results ARDC

## Nebraska Soybean & Feed Grains Profitability Project

<b>Years:</b>	2008-2009
<b>Title:</b>	Seed Treatment
<b>Crop:</b>	Soybeans
<b>NSFGPP Operator:</b>	ARDC
<b>Private Industry Cooperator:</b>	Mark Schroeder
<b>Objective:</b>	Determine & document the effect of seed treatment on the profitability of producing soybeans.
<b>Treatments:</b>	2008: Untreated, Apron XL, Apron Max, & Cruiser Maxx. 2009: Untreated, Inoculant, Inoculant + Trilex Fungicide, Inoculant + Trilex + Insecticide.

# On-Farm Comparison Results

## ARDC

### Nebraska Soybean & Feed Grains Profitability Project

Results: 2008

(Pioneer 93M11)

Seed Treatment

	<u>None</u>	<u>Apron XL</u>	<u>Apron Max</u>	<u>CruiserMaxx</u>	<u>Prob&gt;F</u>
Yield, bu/ac @13%	65	65	65	65	0.847 ns
Moisture, %	10.7	10.8	10.8	10.8	0.201 ns
Monitor, bu/ac	65	65	66	65	0.603 ns
Cost/ac	---	\$3.00	\$3.00	\$13.00	
Plant Population, 150,000 plants/ac					
Planting Date: 5/14/08					Harvest Date: 9/30/08

# On-Farm Comparison Results ARDC

## Nebraska Soybean & Feed Grains Profitability Project

Results: 2009

(Pioneer 93M11)

Seed Treatment

	<u>None</u>	<u>Inn</u>	<u>Inn+Tri</u>	<u>Inn+Tri+Gaucho</u>	<u>Prob&gt;F</u>
Yield, bu/ac @13%	71	71	71	72	0.867 ns
Moisture, %	9.7	9.8	9.8	9.7	0.382 ns
Monitor, bu/ac	73	74	73	74	0.694 ns
Cost/ac	---	\$2.25	\$6.26	\$12.75	

Plant Population, 150,000 plants/ac

Planting Date: 5/08/09

Harvest Date: 9/29/09

Summary: Fungicide seed treatment had no effect on seed yield or seed moisture at harvest in 2008. Seed yield and moisture at harvest was not affected by inoculation, fungicide, or insecticide treatments in 2009.