

Nebraska Soybean & Feed Grains Profitability Project

Years: 2007
Title: Soil Condition & Plant Nutrients
Crop: Corn
NSFGPP Operator: Randy & Kris Kavan, Saunders County
Private Industry Cooperator: Mike Rinehart
Objective: To determine & document the profitability of using APSA-80 Soil Conditioner & Nutriplant SD/SL Seed Treatment in the production of corn.
Treatments:

1. APSA-80 + Seed Treatment
2. APSA-80 Soil Conditioner
3. Seed Treatment
4. Check

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Results: 2007 Corn (Midwest 80402 RRBT)

<u>Variable</u>	<u>Treatment</u>				<u>Prob >F</u>
	<u>APSA+Seed</u>	<u>APSA</u>	<u>Seed</u>	<u>Check</u>	
Yield, bu/ac at 15.0%	155	156	154	153	0.483 ns
Moisture, %	14.4	14.4	14.4	14.4	0.880 ns
Test Wt, lbs/ac	58.4	58.0	59.4	57.7	0.141 ns
Plants, 1000/ac	23.1	23.8	23.3	23.9	0.531 ns
Cost/ac	\$6.75	\$6.60	\$.15	---	

Planting Date: 5/2/2007 Harvesting Date: 11/2/07

Summary: Applied treatments had no significant effect on grain yield, grain moisture at harvest, test weight or harvest populations in 2007.

