



Nebraska On-Farm Research Network

Years: 2012
Title: Soybean Yield Enhancement Treatment
Crop: Soybeans
Study ID: 038035201201
County: Clay
Objective: Study effect of a foliar sugar application on soybean production and profitability.
Treatments: Check vs Sugar

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Information: 2012

Soybeans

Soybean Yield Enhancement Treatment

Hybrid Pioneer 93Y70

Gravity Irrigated

Planted: 4/24/12

Harvested: 10/17/12

Hail 5/28 & 6/14 - Final Population 37k

Foliar application of 3 lbs Sugar 7/17 (R2)

Hastings Silt Loam

Check treatments were sprayed with water in lieu of sugar.

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Results: 2012

Soybeans

Soybean Yield Enhancement Treatment

Treatment	Check	Sugar
Yield, bu/ac @13%	56.4	56.7
Cost/Ac	---	\$1.80
Prob>/T/ 0.8075 ns	A	A
Moisture, %	9.4	9.5
Prob>/T/ 0.1852 ns	A	A
Harvest Population	36.5k	37.5k
Prob>/T/ 0.7515 ns	A	A
Test Weight	56.0	56.0
Prob>/T/ 0.8560 ns	A	A

Summary: There was no significant difference between the check and the Sugar applied at R3 to soybeans.

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