



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

Sponsored by:



In partnership with:



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.

University of Nebraska-Lincoln Extension educational programs abide with the nondiscrimination policies of the University of Nebraska-Lincoln and the United States Department of Agriculture.



Nebraska On-Farm Research Network

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.

Sponsored by:



In partnership with:



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.

University of Nebraska–Lincoln Extension educational programs abide with the nondiscrimination policies of the University of Nebraska–Lincoln and the United States Department of Agriculture.



Nebraska On-Farm Research Network

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.

Sponsored by:



In partnership with:



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.

University of Nebraska-Lincoln Extension educational programs abide with the nondiscrimination policies of the University of Nebraska-Lincoln and the United States Department of Agriculture.