



Nebraska On-Farm Research Network

Years:	2011
Title:	Nitrogen Rate
Crop:	Corn
Study ID:	105155201101
County:	Saunders
Objective:	Determine & document the effect of different nitrogen rates on corn following late season hail damaged soybeans.
Treatments:	Lbs N/Ac: 0, 60, 100

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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Nebraska On-Farm Research Network

Results: 2011

(Dekalb 63-45)
Nitrogen Rate Rainfed

	<u>0</u>	<u>60</u>	<u>100</u>
Yield, bu/ac @15.5%	152	178	179
Moisture, %	15.4	15.3	15.4
Monitor, bu/ac	135	170	173

	<u>Prob>T/</u>	
	<u>0</u>	<u>60</u>
60	<.0001 ***	---
100	<.0001 ***	0.7881 ns

Planting Date: 4/30/11

Harvest Date: 10/20/11

Fertilized Date: 3/23/11

Note: Prior year hail (9/13/10) damaged soybeans yielded 21 bu/Ac.

Summary: Yields were significantly increased when comparing no nitrogen to 60 and 100lbs. There was no significant difference between 60 and 100lbs. Corn was rainfed and planted at 23k pop.

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