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

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Results: 2011 (Dekalb 63-45)

Nitrogen Rate Rainfed

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

Prob>/T/

	0	60
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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