



Nebraska On-Farm Research Network

Years: 2012
Title: Fertility
Crop: Corn
Study ID: 113155201201
County: Saunders
Objective: Study effect of Side-dress Nitrogen application on corn production and profitability.
Treatments: Check vs Side-dress nitrogen

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Information: 2012

Corn

Nitrogen sidedress

Hybrid Golden Harvest 8351

Planted: 4/23/12 Harvested: 10/18/12

Tomek Silty Clay Loam

Irrigated - 13.5"

Corn/Soy rotation

NOTE: "UNL" = preplant anhydrous application across entire field. Sidedress rates calculated from UNL nitrogen calculator software. Treatments were not randomized.

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Results: 2012

Corn-Irrigated Nitrogen sidedress

Treatment	UNL	+35#	+60#
Yield, bu/ac @15.5%	198.7	200.1	200.1
Cost/Acre	---	\$17.50	\$30.00

Moisture, %	15.2	15.2	15.2
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Test Weight	58.0	58.1	58.1
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Summary: The addition of 35# and 60# of nitrogen per acre sidedressed, did not increase irrigated corn grain yield, moisture or test weight.

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