

**N** EXTENSION

# Nebraska On-Farm Research Network

**Years:** 2013  
**Title:** Nitrogen rates in rainfed corn production  
**Crop:** Corn  
**County:** Saunders  
**Study ID:** 039155201304  
**Objective:** Determine the most cost effective rate of nitrogen in dryland corn production  
**Treatments:** 160 lbs Nitrogen  
200 lbs Nitrogen

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**Results: 2013**      Corn - Nitrogen

	Yield	Moisture	Cost/A
160 lbs N	212.4 B	15.0 A	\$ 56.00
200 lbs N	215.0 A	15.2 A	\$ 70.00
Prob>/T/	0.0504*	ns	

N NH3 160 vs 200lb 11/6-11/7/12  
Stearns Pioneer 1498HR 30,000K 4/28/2013

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**Summary:**

Corn - Nitrogen

**(2013)** Summary Statement – On the Stearn's field, the extra 40# of nitrogen resulted in a significant increase in grain yield. The economic advantage of the 40# additional nitrogen is dependent on market price for grain.

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