



Nebraska On-Farm Research Network

Rainfed Corn Yield Response to an In-Furrow Fungicide Application

Study ID: 039053201401

County: Dodge

Soil Type: Belfore, Zook, Nora, and Judson silty clay loams.

Planting Date: 4/28/2014

Harvest Date: 11/3/2014

Population: 30,000

Row Spacing: 30"

Hybrid: GH14R38

Reps: 20

Previous Crop: Soybeans

Tillage: No-Till

Herbicides: Pre: Lexar EZ 2qt +Roundup

PowerMAX 22oz 5/13/14 **Post:** Armezon

0.6oz + RoundupProMax - 6/10/14

Insecticides/Fungicides: Avicta Complete

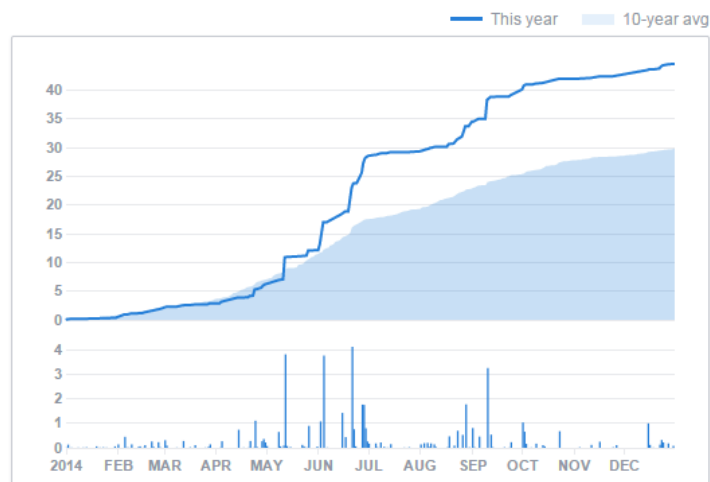
Corn, Baythroid –XL – 6/26/14, Priaxor 4oz -

6/26/14, Headline AMP 10oz - 8/14/14

Fertilizer: 160lbs NH3 – Fall 2013

Irrigated: Not irrigated.

Rainfall:



Introduction: The purpose of this study was to determine if an in-furrow application of a fungicide resulted in an increase in corn grain yield. Headline® EC at a 3 oz/acre rate was used in this fungicide study.

Results:

	Yield† (bu/acre)	Moisture (%)	Net Return ‡
Check	193 B*	17.8 A	\$675.61
Headline® EC	195 A	17.7 B	\$674.01
P-Value	0.0589	0.0460	

†Bushels per acre corrected to 15.5% moisture.

*Values with the same letter are not significantly different at a 90% confidence level.

‡Net return based on \$3.50/bu corn and \$8.42/ac Headline® EC.

Summary: The application of Headline® EC in-furrow resulted in significantly higher yield and significantly lower grain moisture when compared to the check.

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