



Nebraska On-Farm Research Network

Insecticide Seed Treatments in Rainfed Corn

Study ID: 029053201403

County: Dodge

Soil Type: Moody – Silty Clay Loam

Planting Date: 5/4/2014

Harvest Date: unknown

Population: 28,000

Row Spacing: 36"

Hybrid: P32T82

Reps: 4

Soil Test Values: not available

Previous Crop: Soybeans

Tillage: No-Till

Herbicides: Pre: 4 oz. Balance Flexx +
Atrazine 4 L + 1 pt. Parallel Plus – 4/15/14

Post: 3 oz. Laudis + 1 qt. Cornerstone Plus + ½
pt. Atrazine 4 L – 6/11/14

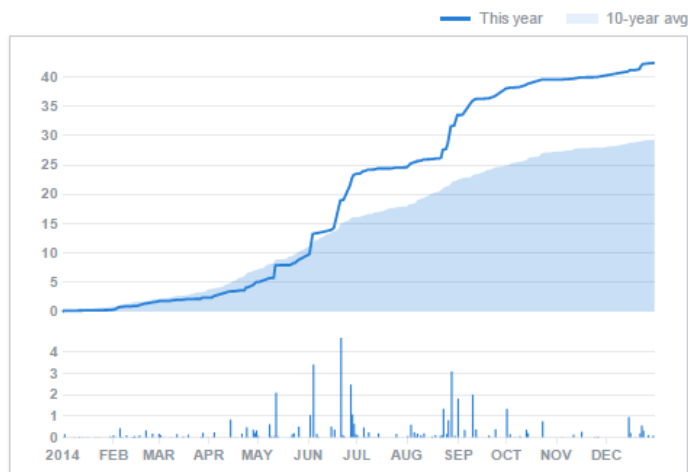
Insecticides/Fungicides: none

Fertilizer: 30 gal. UAN 32% – Mid April, 6 gal. MAP +
7 lbs. Zinc Sulfate – at planting in-furrow

Note: Hailed at V5 (6/4/14) with around 5,000
plants/acre stand loss

Irrigation: not irrigated

Rainfall:



Introduction: The purpose of this study was to compare two seed treatments for their impact on yield and net return. The first seed treatment was Cruiser® 250 insecticide and the second was VOTiVO®+Poncho® 1250 insecticide plus nematocide.

Results:

	Yield† (bu/acre)	Moisture (%)	Net Return ‡
Cruiser 250®	179 A*	18.4 A	\$549.41
VOTiVO®+Poncho® 1250	177 A	18.3 A	\$555.97
P-Value	0.5111	0.3489	--

†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, \$63.53/acre VOTiVO + Poncho 1250 treated seed, and \$77.09/acre Cruiser 250 treated seed.

Summary: There was no significant yield or moisture difference between the two seed treatment evaluated.

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