

## Nebraska On-Farm Research Network

### Priaxor® Fungicide In-Furrow on Soybeans

**Study ID:** 032035201502

**County:** Clay

**Soil Type:** Hastings silt loam; Crete silt loam; Hastings silty clay loam;

**Planting Date:** 5/1/15

**Harvest Date:** 9/17/15

**Population:** 155,000

**Row Spacing (in.)** 30

**Hybrid:** Asgrow 2431

**Reps:** 6

**Previous Crop:** Corn

**Tillage:** Conventional Till

**Herbicides:** **Pre:** 6.4 oz/ac Optil-Pro **Post:** 36 oz/ac Roundup

**Seed Treatment:** Acceleron and X-ite Bio Inoculant

**Introduction:** Priaxor® fungicide was applied in-furrow at a rate of 2 oz/ac. Priaxor® ingredient information is at right. This was compared to an untreated check. Later in the growing season around R3, a foliar application of 5 oz/ac Hero and 4 oz/ac Priaxor® was made to the entire field.

**Insecticides:** 5 oz/ac Hero foliar applied at R3

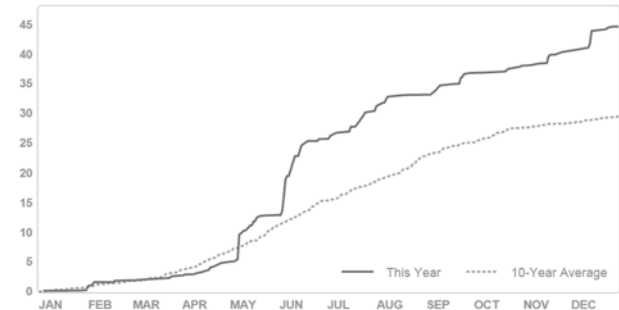
**Foliar Fungicides:** 4 oz/ac Priaxor at R3

**Fertilizer:** 11-52-0 zone applied on 1/22/15.

**Note:** Hail, Sept. 8, 15% damage

**Irrigation:** Pivot, Total: 6.0"

**Rainfall (in.):**



## Priaxor® Xemium® Brand Fungicide

For disease control and plant health in the following crops: barley, Brassica leafy vegetables, corn (all types), dried shelled peas and beans, edible-podded legume vegetables, fruiting vegetables (including tomato), oats, oilseed crops (flax seed, rapeseed, safflower, and sunflower), peanut, rye, sorghum and millet, soybean, succulent shelled peas and beans, sugar beet, sugarcane, tuberous and corm vegetable (potato), wheat and triticale

Powered by Xemium® and F500® fungicides

**Active Ingredients:**

fluxapyroxad\*: 1*H*-Pyrazole-4-carboxamide, 3-(difluoromethyl)-1-methyl-N-[(3',4',5'-trifluoro[1,1'-biphenyl]-2-yl)-

pyraclostrobin\*\*: (carbamic acid, [2-[[[1-(4-chlorophenyl)-1*H*-pyrazol-3-yl]oxy]methyl]phenyl]methoxy-, methyl ester).

**Other Ingredients:** .....

**Total:** ..... 100.00%

\* Equivalent to 1.39 pounds of fluxapyroxad per gallon

\*\* Equivalent to 2.78 pounds of pyraclostrobin per gallon

EPA Reg. No. 7969-311 EPA Est. No.

Product information from: <http://www.cdms.net/ldat/ldAK6003.pdf>

Results:	Yield (bu/ac) †	Moisture (%)	Marginal Net Return (\$/ac)‡
Check	88 A*	12.7 A	783.20
Priaxor Fungicide in Furrow (2 oz/ac)	87 A	12.7 A	766.66
P-Value	0.683	0.859	N/A

†Bushels per acre corrected to 13% moisture.

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

‡Net Return based on \$8.90/bu soybeans and \$7.64/ac Priaxor treatment.

**Summary:** The application of 2 oz/ac Priaxor® in-furrow did not result in a yield increase or moisture difference when compared to the untreated check.



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