



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

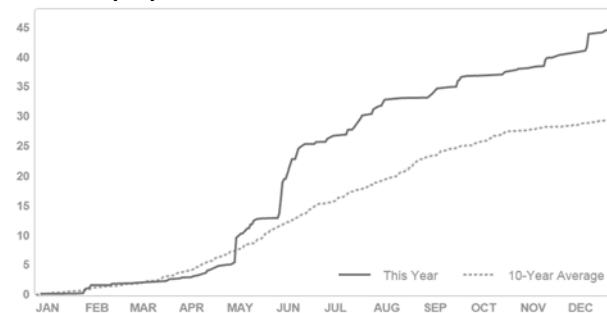
Foliar Fungicides: 4 oz/ac Priaxor at R3

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)- 14.33%
pyraclostrobin**: (carbamoyl acid, [2-[[1-(4-chlorophenyl)-1*H*-pyrazol-3-yl]oxy]methyl]phenyl)methoxy-, methyl ester). 28.58%

Other Ingredients: 57.09%

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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