



# Nebraska On-Farm Research Network

## Fungicide and Insecticide Application at R3 on Soybeans

**Study ID:** 007155201402

**County:** Saunders

**Soil Type:** Yutan – silty clay loam

**Planting Date:** 5/11/2014

**Harvest Date:** 10/17/2014

**Population:** 140,000

**Row Spacing:** 15"

**Hybrid:** Channel 2607R2

**Reps:** 6

**Previous Crop:** Corn

**Tillage:** No-Till

**Herbicides:** Pre: Valor XLT 3oz + 2, 4-D LV6

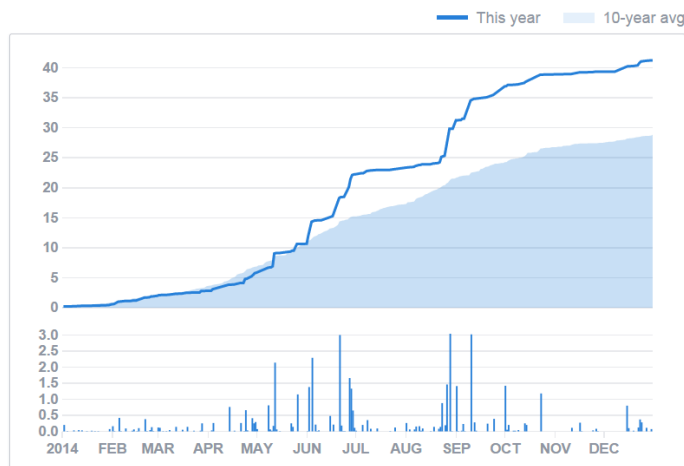
1/3pt Buccaneer Plus 24oz – April 15

**Post:** Buccaneer Plus 48oz – June 15.

**Fertilizer:** MAP 110lbs – winter 2013

**Irrigated:** Not irrigated.

**Rainfall:**



### Soil Test Values:

	pH	BpH	OM ---%---	P Mehlich III -----ppm-----	K	S	Zn
<b>Average</b>	<b>5.7</b>	<b>6.6</b>	<b>2.3</b>	<b>13.7</b>	<b>290.2</b>	<b>24</b>	<b>0.6</b>

**Introduction:** The purpose of this study was to determine if additions of fungicide and insecticide applied at R3 improved soybean yields and subsequent profitability. Products used in the treated application include Stratego®YLD fungicide at 4 oz/ac and two generic insecticides. Active ingredients for the insecticides are Chlorpyrifos at 0.5 pt/ac and Lambda-Cyhalothrin at 1.25 oz/ac.

### Results:

	Yield† (bu/acre)	Net Return ‡
<b>Check</b>	62 A*	\$620.85
<b>Fungicide and Insecticide</b>	63 A	\$609.63
<b>P-Value</b>	0.4274	--

†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 \$10.00 soybeans and \$16.23 treatment cost.

**Summary:** There was no yield difference between the check and fungicide and insecticide treated soybeans.

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