



## 2001 Strip Plots

ISU Grain Quality Laboratory

### Results: Winneshiek County Insecticide Strip Plot

Insecticides are listed in order from highest to lowest yield for the Asgrow 2001 variety soybeans.

Insecticide	Date Applied	Yield ( Bu. / A. )	Field Moisture <sup>1</sup> ( % )	Protein ( % )	Oil ( % )	Fiber ( % )	Sum (P+O) ( % )	EPVB <sup>2</sup> ( \$ / Bu. )
		<b>Long Term Iowa Averages:</b>		<b>35</b>	<b>18.5</b>	<b>5.0</b>	<b>53.5</b>	
Warrior	July 12 & 26	51.5	9.3	34.5	19.6	4.9	54.1	\$5.49
Dimethoate	July 12 & 26	47.1	9.3	34.3	19.4	4.8	53.7	\$5.44
Lorsban	July 26	45.8	9.4	35.0	19.5	4.8	54.5	\$5.53
Warrior	July 12	45.3	9.2	34.8	19.1	4.9	53.9	\$5.46
Dimethoate	July 26	44.9	9.3	34.5	19.1	4.9	53.6	\$5.43
Dimethoate	July 12	44.2	9.0	35.2	19.1	4.9	54.3	\$5.51
Warrior	July 26	43.8	9.2	35.0	19.3	4.8	54.3	\$5.51
Pounce	July 12 & 26	42.7	9.4	34.9	19.7	4.9	54.6	\$5.54
None	-----	40.2	9.3	35.0	19.0	4.8	54.0	\$5.47
Pounce	July 12	35.6	9.2	35.2	19.4	4.9	54.6	\$5.54
Pounce	July 26	34.7	9.3	35.2	19.2	4.8	54.4	\$5.52
None	-----	30.3	9.3	35.7	19.1	4.8	54.8	\$5.56

<b>Averages<sup>3</sup></b>	42.2	9.3	34.9	19.3	4.9	54.2	\$5.50
<b>Standard Deviation<sup>3</sup></b>	6.0	0.1	0.4	0.2	0.1	0.4	\$0.04
<b>Maximum<sup>3</sup></b>	51.5	9.4	35.7	19.7	4.9	54.8	\$5.56
<b>Minimum<sup>3</sup></b>	30.3	9.0	34.3	19.0	4.8	53.6	\$5.43

#### YIELD, PROTEIN, OIL, FIBER, SUM BASIS 13% MOISTURE.

<sup>1</sup> Reported moisture content data were provided by the participating plot operator.

<sup>2</sup> EPVB is the Estimated Processed Value per Bushel to be used for Feed. It is determined by soybean protein and oil content and the current market price for oil, meal, and hulls.

<sup>3</sup> Averages, Standard Deviation, Maximum, and Minimum values were calculated from plot final results.

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#### Ingredient Prices for EPVB

Soybeans (\$ / bu.)	4.92
48% Soy Meal (\$ / ton)	148
Soy Oil (\$ / lb.)	0.18
Millfeed (\$ / lb.)	0.04