



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 Stine 2416-4 variety soybeans.

Insecticide	Date Applied	Yield (Bu. / A.)	Field Moisture ¹ (%)	Protein (%)	Oil (%)	Fiber (%)	Sum (P+O) (%)	EPVB ² (\$ / Bu.)
		Long Term Iowa Averages:		35	18.5	5.0	53.5	
Warrior	July 12 & 26	32.4	9.1	34.2	18.8	5.0	53.0	\$5.37
Pounce	July 12 & 26	30.9	8.9	34.2	18.7	5.0	52.9	\$5.36
Dimethoate	July 12 & 26	29.5	10.0	34.0	19.2	5.1	53.2	\$5.39
Pounce	July 12	28.3	9.0	34.3	18.7	5.1	53.0	\$5.37
Dimethoate	July 12	28.0	10.4	34.0	19.3	5.2	53.3	\$5.40
Pounce	July 26	27.6	8.8	33.7	19.1	5.1	52.8	\$5.35
Dimethoate	July 26	27.2	9.4	33.8	19.1	5.1	52.9	\$5.36
Warrior	July 12	23.0	9.1	34.3	18.7	5.1	53.0	\$5.37
Warrior	July 26	22.4	9.1	33.9	19.2	5.2	53.1	\$5.38
None	-----	22.1	9.1	34.3	19.2	5.1	53.5	\$5.42
None	-----	21.4	8.8	33.9	19.1	5.2	53.0	\$5.37
None	-----	20.3	9.1	34.3	18.7	5.0	53.0	\$5.37

Averages³	26.1	9.2	34.1	19.0	5.1	53.1	\$5.38
Standard Deviation³	4.1	0.5	0.2	0.2	0.1	0.2	\$0.02
Maximum³	32.4	10.4	34.3	19.3	5.2	53.5	\$5.42
Minimum³	20.3	8.8	33.7	18.7	5.0	52.8	\$5.35

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

¹ Reported moisture content data were provided by the participating plot operator.

² 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.

³ 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