



2003 Strip Plots

ISU Grain Quality Laboratory

Results: Winneshiek County Aphid Study Plot

Varieties are listed in order from highest to lowest yield.

Strip Number	Company/ Variety	Treatment	NIR Moisture ¹ (%)	Protein (%)	Oil (%)	Fiber (%)	Sum (P+O) (%)	EPVB ² (\$ / Bu.)
Long Term Iowa Averages:				35.0	18.5	5.0	53.5	
106	Pioneer 92B05	Cruiser 62.5g	10.2	35.5	19.8	4.6	55.3	\$7.44
101	Pioneer 92B05	Untreated	12.2	35.0	20.2	4.5	55.2	\$7.41
107	Pioneer 92B05	Warrior, 07/12	10.2	35.1	19.8	4.7	54.9	\$7.38
103	Pioneer 92B05	Poncho FS 125g	10.0	34.7	20.1	4.7	54.8	\$7.36
105	Pioneer 92B05	Gaicho 125g	10.2	35.1	19.7	4.7	54.8	\$7.37
104	Pioneer 92B05	Gaicho 62.5g	9.7	34.6	20.1	4.7	54.7	\$7.34
108	Pioneer 92B05	Baythroid, 07/12	10.3	34.8	19.9	4.7	54.7	\$7.35
302	Pioneer 92B05	Poncho FS 125g	9.7	34.4	20.3	4.7	54.7	\$7.33
307	Pioneer 92B05	Baythroid, 07/12	9.8	34.6	20.1	4.7	54.7	\$7.34
203	Pioneer 92B05	Poncho FS 125g	9.6	34.4	20.2	4.7	54.6	\$7.32
204	Pioneer 92B05	Gaicho 62.5g	9.6	34.6	20.0	4.7	54.6	\$7.33
207	Pioneer 92B05	Warrior, 07/12	10.0	34.6	20.0	4.7	54.6	\$7.33
208	Pioneer 92B05	Baythroid, 07/12	9.7	34.7	19.9	4.7	54.6	\$7.33
304	Pioneer 92B05	Poncho FS 62.5g	9.8	34.5	20.1	4.7	54.6	\$7.32
306	Pioneer 92B05	Gaicho 62.5g	9.8	34.6	20.0	4.7	54.6	\$7.33
407	Pioneer 92B05	Gaicho 125g	10.2	34.5	20.1	4.7	54.6	\$7.32
408	Pioneer 92B05	Poncho FS 62.5g	10.0	34.5	20.1	4.7	54.6	\$7.32
202	Pioneer 92B05	Poncho FS 62.5g	9.6	34.4	20.1	4.7	54.5	\$7.31
404	Pioneer 92B05	Warrior, 07/12	9.5	34.8	19.7	4.7	54.5	\$7.32
405	Pioneer 92B05	Cruiser 62.5g	9.7	34.4	20.1	4.7	54.5	\$7.31
102	Pioneer 92B05	Poncho FS 62.5g	10.0	34.6	19.8	4.7	54.4	\$7.30
205	Pioneer 92B05	Gaicho 125g	12.0	34.6	19.8	4.7	54.4	\$7.30
301	Pioneer 92B05	Untreated	10.0	34.5	19.9	4.7	54.4	\$7.30
305	Pioneer 92B05	Warrior, 07/12	9.6	34.0	20.4	4.7	54.4	\$7.28
401	Pioneer 92B05	Baythroid, 07/12	9.7	34.5	19.9	4.7	54.4	\$7.30
402	Pioneer 92B05	Poncho FS 125g	10.0	34.3	20.1	4.7	54.4	\$7.29
406	Pioneer 92B05	Gaicho 62.5g	9.7	34.1	20.3	4.7	54.4	\$7.29
201	Pioneer 92B05	Untreated	10.4	34.4	19.9	4.7	54.3	\$7.28
206	Pioneer 92B05	Cruiser 62.5g	10.1	34.3	20.0	4.7	54.3	\$7.28
303	Pioneer 92B05	Cruiser 62.5g	9.8	33.8	20.5	4.7	54.3	\$7.27
308	Pioneer 92B05	Gaicho 125g	10.4	34.5	19.8	4.7	54.3	\$7.29
403	Pioneer 92B05	Untreated	10.3	33.9	20.4	4.7	54.3	\$7.27
Averages³			10.1	34.5	20.0	4.7	54.6	\$7.32
Standard Deviation³			0.6	0.3	0.2	0.0	0.2	\$0.04
Maximum³			12.2	35.5	20.5	4.7	55.3	\$7.44
Minimum³			9.5	33.8	19.7	4.5	54.3	\$7.27

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

¹ Moisture content data was provided by NIR Analysis at the ISU Grain Quality Laboratory.

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.

Ingredient Prices for EPVB

Soybeans (\$ / bu.)	6.70
48% Soy Meal (\$ / ton)	205
Soy Oil (\$ / lb.)	0.21
Millfeed (\$ / lb.)	0.05