




2000 Strip Plots

ISU Grain Quality Laboratory

Results: Clay County Soybean Demonstration Plot

Varieties are listed in order from highest to lowest yield.

Company	Variety	Yield ¹ (Bu. / A.)	Field Moisture ² (%)	Protein (%)	Oil (%)	Fiber (%)	Sum (P+O) (%)	EPVB ³ (\$ / Bu.)
		Long Term Iowa Averages:		35.0	18.5	5.0	53.5	
Novartis Seeds	S21-A1	56.7	11.0	36.3	18.4	4.7	54.7	4.70
Jacobsen Hybrid	J865	56.1	11.2	35.6	17.5	4.9	53.1	4.55
Mycogen	5249	56.0	11.2	36.6	17.9	4.9	54.5	4.68
Novartis Seeds	S21-P3	55.9	10.9	36.8	18.1	4.7	54.9	4.72
SOI	SOI 245	55.3	10.4	35.9	18.0	4.9	53.9	4.62
Merschmau	ComancheV	55.3	11.0	36.1	17.8	4.7	53.9	4.62
Kruger	K2535	55.2	11.4	36.9	18.1	4.8	55.0	4.73
Merschman	Osage IV SCN	55.2	11.2	36.8	18.1	4.8	54.9	4.72
Latham	EX570	54.6	10.7	35.5	18.7	4.7	54.2	4.64
PSA Genetics/Garst	6200	54.5	10.5	35.7	18.2	4.7	53.9	4.62
Profiseed Inc	2000+	54.3	10.8	36.1	18.1	4.8	54.2	4.65
Renze Hybrid	R2461	54.2	10.8	36.9	18.1	4.8	55.0	4.73
PSA Genetics/Garst	EXO2411	54.1	11.1	36.6	17.8	5.0	54.4	4.68
Prairie Brand Seed	PB217	54.0	10.6	35.7	18.9	4.5	54.6	4.68
Agri Pro	2569	54.0	10.4	35.8	18.9	4.6	54.7	4.69
Profiseed Inc	PS2509	53.9	10.7	35.7	18.6	4.7	54.3	4.65
Cargill	201	53.8	10.6	36.7	17.6	4.8	54.3	4.67
Mycogen	5261	53.7	10.8	34.3	19.2	4.9	53.5	4.56
SOI	SOI 222	53.5	10.6	36.1	17.5	4.9	53.6	4.60
Latham	640	53.5	11.2	36.8	18.2	4.8	55.0	4.73
Renze Hybrid	2561	53.5	10.7	36.8	17.9	4.7	54.7	4.70
Novartis Seeds	S20-Z5	53.5	10.8	34.9	18.8	4.8	53.7	4.58
Latham	Ex290	52.7	11.2	36.2	18.3	4.7	54.5	4.68
Prairie Brand Seed	PB252	52.6	10.8	35.7	18.4	4.8	54.1	4.63
Cargill	241	52.6	10.6	36.7	18.1	4.8	54.8	4.71
Golden Harvest	H1184	52.3	10.4	36.0	18.1	4.8	54.1	4.64
HyVigor	2202	52.2	10.9	36.9	17.5	4.8	54.4	4.68
Asgrow	A2553	52.1	10.7	34.8	19.4	4.9	54.2	4.63
Dekalb	DKB23-95	52.1	10.7	36.6	18.3	4.7	54.9	4.72
Jacobsen Hybrid	J774	51.8	11.5	36.8	18.2	4.8	55.0	4.73
Hobart	2501	51.6	11.1	36.6	17.7	4.9	54.3	4.67
Agri Pro	Ex 23Y06	51.4	10.5	35.7	18.5	4.9	54.2	4.64
Stine	2499	51.4	10.7	36.6	18.1	4.8	54.7	4.70
Profiseed Inc	PS2809	51.3	10.9	36.4	17.7	4.9	54.1	4.65
Mycogen	5281	51.2	11.5	35.4	18.6	4.7	54.0	4.62
Jacobsen Hybrid	J772	51.2	11.1	35.5	18.4	4.6	53.9	4.61
HyVigor	Ex274	51.2	11.2	36.4	17.7	5.1	54.1	4.65
AG+	2025	51.0	10.4	35.9	18.6	4.8	54.5	4.67
Stine	2500	50.7	10.5	35.6	18.1	4.8	53.7	4.60
Public	IA 2021	50.1	10.0	35.5	18.8	4.8	54.3	4.65
Kruger	K2818	49.7	11.5	35.9	18.6	4.7	54.5	4.67
Renze Hybrid	R 1961	49.1	11.0	37.4	18.0	4.8	55.4	4.77
Wilson	2571	49.1	11.0	36.4	17.4	5.0	53.8	4.62
SOI	SOI 236	48.9	10.6	35.6	18.4	4.7	54.0	4.62
Wilson	2136	48.9	10.6	37.2	17.6	4.7	54.8	4.72
Latham	352CN	48.7	10.8	35.7	18.2	5.1	53.9	4.62
Mycogen	200	48.3	10.9	36.5	18.2	4.9	54.7	4.70
Merschman Seeds	Mohawk II	47.7	11.1	36.5	17.9	4.8	54.4	4.67
Public	Mn1801	46.8	10.7	38.1	17.8	4.7	55.9	4.83
PSA Genetics/Garst	D-285	46.5	11.3	36.2	18.2	4.8	54.4	4.67
Hobart	2690SCN	46.4	11.6	36.0	18.3	5.0	54.3	4.66
AG+	2721	45.1	10.6	36.2	18.4	4.8	54.6	4.68

Public	Ia 1006	42.8	10.4	35.8	17.9	4.8	53.7	4.60
Agri Pro	2889	41.0	11.3	36.4	18.4	4.8	54.8	4.71
Check Variety Information: (average values for check strips)								
Merschman	Mohawk li	52.8	11.2	37.0	18.1	4.7	55.1	4.74
								
Averages⁴		51.6	10.9	36.2	18.2	4.8	54.4	4.67
Standard Deviation⁴		3.4	0.3	0.7	0.4	0.1	0.5	0.05
Maximum⁴		56.7	11.6	38.1	19.4	5.1	55.9	4.83
Minimum⁴		41.0	10.0	34.3	17.4	4.5	53.1	4.55
YIELD, PROTEIN, OIL, FIBER, SUM BASIS 13% MOISTURE.								
¹ Yield is check-adjusted in plots with check strips. ² Reported moisture content data were provided by the participating plot operator. ³ 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. ⁴ Averages, Standard Deviation, Maximum, and Minimum values were calculated from						Ingredient Prices for EPVB		
						Soybeans (\$ / bu.)	4.07	
						48% Soy Meal (\$ / ton)	147.5	
						Soy Oil (\$ / lb.)	0.14	
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