2002 Strip Plots

ISU Grain Quality Laboratory

Results: Cass County Soybean Strip 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**	
Garst	3135	52.8	10.1	34.0	18.3	4.9	52.3	$5.84
Pioneer	93B36	51.7	10.0	35.3	19.1	4.9	54.4	$6.12
Kruger	323	51.0	10.3	34.1	19.4	5.0	53.5	$5.99
Wilson	3160	50.4	10.3	34.3	19.2	5.0	53.5	$5.99
Pioneer	93B67	49.9	9.9	35.2	18.5	5.1	53.7	$6.03
Garst	3212	49.3	9.5	33.9	19.2	5.0	53.1	$5.94
Golden Harvest	13135	49.0	10.1	34.9	19.0	4.9	53.9	$6.05
Wilson	2740	48.4	10.2	33.7	19.7	4.9	53.4	$5.97
Fontanelle	9011	48.0	9.8	34.6	18.8	5.0	53.4	$5.98
Ottillie	8288	47.4	9.9	34.4	19.0	4.8	53.4	$5.98
Midwest Genetics	2828	46.9	10.2	34.6	18.9	5.0	53.5	$6.00
LG Seeds	3033	46.5	9.8	35.2	19.3	5.0	54.5	$6.13
Kruger	279	45.9	9.9	33.7	19.7	4.9	53.4	$5.97
Crows	3315	44.2	10.2	34.7	19.1	5.1	53.8	$6.03
LG Seeds	2883	44.0	9.8	34.8	19.3	4.9	54.1	$6.07
Fontanelle	8181	43.3	10.0	35.2	18.9	4.7	54.1	$6.08
Midwest Genetics	2931	42.2	10.0	34.6	19.3	4.9	53.9	$6.05
Crows	2915	41.7	10.0	34.7	19.4	5.0	54.1	$6.07
Golden Harvest	02991	38.1	10.0	34.8	19.4	4.9	54.2	$6.09
Ottillie	8282	37.3	10.0	34.5	19.3	4.9	53.8	$6.03
Check Variety Information: (average values for check strips)								
Midwest Genetics	3101	45.1	10.1	34.7	19.4	4.9	54.0	$6.06
Averages[4]		46.4	10.0	34.6	19.1	4.9	53.7	$6.02
Standard Deviation[4]		4.3	0.2	0.5	0.4	0.1	0.5	$0.07
Maximum[4]		52.8	10.3	35.3	19.7	5.1	54.5	$6.13
Minimum[4]		37.3	9.5	33.7	18.3	4.7	52.3	$5.84

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

[1] Yield is check-adjusted in plots with check strips.

[2] Field 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 plot final results, not including check strips (where applicable).

Ingredient Prices for EPVB

Soybeans ($ / bu.)	5.50
48% Soy Meal ($ / ton)	185
Soy Oil ($ / lb.)	0.21
Millfeed ($ / lb.)	0.05