

2002 Strip Plots

ISU Grain Quality Laboratory

Results: Cass County Soybean Strip Plot

Varieties are listed in order from highest to lowest yield.

LG Seeds 3033									Chapte	
Company Variety Company Com			Yield ¹	Field Moisture ²	Protein	Oil	Fiber	Sum (P+O)	EPVB ³	
Long Term Iowa Averages: 35.0 18.5 5.0 53.5	Company	Variety	(Bu. / A.)		(%)	(%)	(%)	(%)	(\$/Bu.)	
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 Migner 93B36 51.7 10.0 35.3 19.1 4.9 54.4 \$6.12 Standard Processed Value per Bushel to be used for Feed. It is determined by Agracus (\$\frac{1}{2}\$\text{A}\text{9}\text{3}\text{5}\text{1}\text{9}\text{3}\text{5}\text{1}\text{5}\text{0}\text{5}\text{5}\text{1}\text{5}\tex	8000000000	4344	,	` '	35.0	18.5	5.0	53.5		
Pioneer 93836 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 34.1 19.4 5.0 53.5 \$5.99 Pioneer 93867 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 34.4 19.0 4.8 53.4 \$5.98 Wildwest Genetics 2828 46.9 10.2 34.6 18.9 5.0 53.5 \$6.03 Wirger 279 45.9 9.9 33.7 19.7 4.9 53.4 \$5.98 Wirger 279 45.9 9.9 33.7 19.7 4.9 53.4 \$5.97 Crows 3315 44.0 9.8 33.7 19.7 4.9 53.4 \$5.97 Crows 3315 44.0 9.8 34.6 18.9 5.0 53.5 \$6.03 Wirger 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 Midwest Genetics 2831 44.0 9.8 34.7 19.1 5.1 53.8 \$6.03 Midwest Genetics 2931 42.2 10.0 34.6 18.9 5.0 53.5 \$6.00 Midwest Genetics 2931 42.2 10.0 34.6 19.3 4.9 54.1 \$6.07 Fontanelle 8181 43.3 10.0 35.2 18.9 4.7 54.1 \$6.07 Fontanelle 8181 43.3 10.0 35.2 18.9 4.7 54.1 \$6.07 Fontanelle 8181 43.3 10.0 34.8 19.3 4.9 54.1 \$6.07 Fontanelle 8181 43.3 10.0 34.6 19.3 4.9 54.1 \$6.07 Fontanelle 8181 43.3 10.0 34.6 19.3 4.9 54.1 \$6.07 Fontanelle 8181 43.3 10.0 34.6 19.3 4.9 54.1 \$6.07 Fontanelle 8181 43.3 10.0 34.6 19.3 4.9 54.1 \$6.07 Fontanelle 8181 43.3 10.0 34.8 19.4 4.9 54.2 \$6.09 Crows 2915 41.7 10.0 34.7 19.4 4.9 53.7 \$6.02 Midwest Genetics 2931 38.1 10.0 34.8 19.4 4.9 54.2 \$6.09 Crows 2915 41.7 10.0 34.7 19.4 4.9 53.7 \$6.02 Midwest Genetics 3101 45.1 10.1 34.7 19.4 4.9 53.7 \$6.02 Maximum ⁴ 52.8 10.3 35.3 19.7 5.1 54.5 \$6.03 Minimum ⁴ 37.3 9.5 33.7 18.3 4.7 52.3 \$5.84 Minimum ⁴ 52.8 10.3 35.3 19.7 5.1 54.5 \$6.03 Minimum ⁴ 52.8 10.3 35.3 19.7 5.1 54.5 \$6.03 Minimum ⁴ 52.8 10.3 35.3 19.7 5.1 54.5 \$6.13 Minimum ⁴ 52.8 10.3 35.3 19.7 5.1 54.5 \$6.03 \$6.05	Garst	l3135							\$5.84	
Kruger 323							_			
Wilson 3160 50.4 10.3 34.3 19.2 5.0 53.5 \$5.99 Pioneer 93867 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 Ottilie 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 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>7 -</td>									7 -	
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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 Ottlilie 8288 47.4 9.9 34.4 19.0 4.8 53.4 \$5.98 Ottlilie 8288 47.4 9.9 34.4 19.0 4.8 53.4 \$5.98 Wildwest 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 \$6.07 Fontanelle 8181 43.3 10.0 34.6 19.3 4.9 54.1 \$6.07 Golden Harvest 02991 38.1 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 19.3 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 53.7 \$6.02 Standard Deviation 4.3 0.2 0.5 0.4 0.1 0.5 \$0.07 Maximum 5.2 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, Oll., FIBER, SUM BASIS 13% MOISTURE. Yield is check-adjusted in plots with check strips. Ingredient Prices for EPVB Follows the Estimated Processed Value per Bushel to be used for Feed. It is determined by Have the strimated Processed Value per Bushel to be used for Feed. It is determined by										
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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 \$5.13 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 34.6 19.3 4.9 53.9 \$6.05 Crows 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 <td></td> <td>2740</td> <td>48.4</td> <td>10.2</td> <td>33.7</td> <td></td> <td></td> <td></td> <td>\$5.97</td>		2740	48.4	10.2	33.7				\$5.97	
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 \$5.13 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 34.6 19.3 4.9 53.9 \$6.05 Crows 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 <td>Fontanelle</td> <td>9011</td> <td>48.0</td> <td>9.8</td> <td>34.6</td> <td>18.8</td> <td>5.0</td> <td>53.4</td> <td>\$5.98</td>	Fontanelle	9011	48.0	9.8	34.6	18.8	5.0	53.4	\$5.98	
LG Seeds 3033					34.4					
Kruger 279	Midwest Genetics	2828	46.9	10.2	34.6	18.9	5.0	53.5	\$6.00	
Crows 3315	LG Seeds	3033	46.5	9.8	35.2	19.3	5.0	54.5	\$6.13	
Crows 3315	Kruger	279	45.9	9.9	33.7	19.7	4.9	53.4	\$5.97	
Fontanelle		3315	44.2	10.2	34.7	19.1	5.1	53.8	\$6.03	
Midwest Genetics 2931	LG Seeds	2883	44.0	9.8	34.8	19.3	4.9	54.1	\$6.07	
Crows 2915	Fontanelle	8181	43.3	10.0	35.2	18.9	4.7	54.1	\$6.08	
Colden Harvest O2991 38.1 10.0 34.8 19.4 4.9 54.2 \$6.09	Midwest Genetics	2931	42.2	10.0	34.6	19.3	4.9	53.9	\$6.05	
Note Standard Deviation	Crows	2915	41.7	10.0	34.7	19.4	5.0	54.1	\$6.07	
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	Golden Harvest	02991	38.1	10.0	34.8	19.4	4.9	54.2	\$6.09	
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. Ingredient Prices for EPVB 2 Field moisture content data were provided by the participating plot operator. Soybeans (\$ / bu.) 5.50 3 EPVB is the Estimated Processed Value per Bushel to be used for Feed. It is determined by 48% Soy Meal (\$ / ton) 185	Ottillie	8282	37.3	10.0	34.5	19.3	4.9	53.8	\$6.03	
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. Ingredient Prices for EPVB 2 Field moisture content data were provided by the participating plot operator. Soybeans (\$ / bu.) 5.50 3 EPVB is the Estimated Processed Value per Bushel to be used for Feed. It is determined by 48% Soy Meal (\$ / ton) 185	Check Variety Information: (average values for check strips)									
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. Tyield is check-adjusted in plots with check strips. Field moisture content data were provided by the participating plot operator. Tyield is the Estimated Processed Value per Bushel to be used for Feed. It is determined by A8% Sov Meal (\$\frac{1}{2}\$ for \$1.85\$) A89% Sov Meal (\$\frac{1}{2}\$ for \$1.85\$)	Midwest Genetics	3101	45.1	10.1	34.7	19.4	4.9	54.0	\$6.06	
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. Tyield is check-adjusted in plots with check strips. Field moisture content data were provided by the participating plot operator. By Ingredient Prices for EPVB Soybeans (\$ / bu.) 5.50 48% Soy Meal (\$ / ton) 185		で自己がい	性の発	ならば中田に	的技		任的	が印むが	なれれ	
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. Tyield is check-adjusted in plots with check strips. Field moisture content data were provided by the participating plot operator. By Ingredient Prices for EPVB Soybeans (\$ / bu.) 5.50 48% Soy Meal (\$ / ton) 185	Averages ⁴		46.4	10.0	34.6	10 1	10	53.7	\$6.02	
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. Tyield is check-adjusted in plots with check strips. Field moisture content data were provided by the participating plot operator. Soybeans (\$ / bu.) 5.50 48% Soy Meal (\$ / ton) 185			-						*	
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 48% Sov Meal (\$\frac{1}{2} \text{ for }) 185										
YIELD, PROTEIN, OIL, FIBER, SUM BASIS 13% MOISTURE. Yield is check-adjusted in plots with check strips. Ingredient Prices for EPVB Field moisture content data were provided by the participating plot operator. Soybeans (\$ / bu.) 5.50 A8% Soy Meal (\$ / ton) 185									-	
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 185 187 188 188 189 189 189 189										
² Field moisture content data were provided by the participating plot operator. Soybeans (\$ / bu.) 5.50 Beverall 5.50 to 185.							Ingredient Prices for EPVB			
³ EPVB is the Estimated Processed Value per Bushel to be used for Feed. It is determined by 48% Soy Meal (\$ / ton) 185	² Field moisture content data were provided by the participating plot operator.									
1 48% 50V Meal (3 / 100) 185							,			
Soybean protein and the current market price for oil, meal, and nuils.	soybean protein and oil content and the current market price for oil, meal, and hulls.						4ช% Soy Meal (\$ / ton) 185			
⁴ Averages, Standard Deviation, Maximum, and Minimum values were calculated from plot final results, not including check strips (where applicable) Soy Oil (\$ / lb.) 0.21	⁴ Averages, Standard Deviation, Maximum, and Minimum values were calculated from plot final results, not including check strips (where applicable).						Soy Oil (\$ / lb.) 0.21			
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