



2003 Strip Plots

ISU Grain Quality Laboratory

Results: Palo Alto Corn Association Strip Plot Corn on Soybeans

Hybrids are listed in order from highest to lowest yield.

Company	Hybrid	Yield ¹ (Bu. / A.)	Value ² (\$ / A.)	Test Wt. ³ (lb. / Bu.)	Field Moisture ³ (%)	Protein (%)	Oil (%)	Starch (%)	Density (g. / cc)	EPVBF ⁴ (\$ / Bu.)
Long Term Iowa Averages:						8.0	3.6	60.0	1.27	
LG	2540	224.0	\$448.09	53.7	17.9	7.2	3.7	59.9	1.24	\$2.02
LG	2533BT	218.1	\$421.24	56.9	20.4	7.5	3.6	59.5	1.25	\$2.03
Asgrow	RX499YG	205.6	\$429.37	55.9	14.7	7.6	3.9	60.6	1.26	\$2.08
Dekalb	DKC58-78	203.1	\$386.08	54.6	21.5	7.2	4.0	59.9	1.25	\$2.05
Pioneer	35Y65	202.2	\$397.69	57.5	19.1	7.2	3.1	61.0	1.29	\$1.95
Pioneer	341132-NG09	196.6	\$401.95	58.3	16.3	7.4	3.3	60.6	1.30	\$1.99
Agri-Gold	6333G	196.2	\$414.01	53.7	13.9	8.1	3.4	60.0	1.26	\$2.07
Agri-Gold	A6333BT	195.1	\$389.11	53.8	18.1	7.7	3.6	59.5	1.25	\$2.05
Golden Harvest	8223BT	193.9	\$396.99	53.3	16.2	8.0	4.0	59.4	1.25	\$2.12
Pfister	1680	193.9	\$405.52	54.9	14.6	7.3	3.3	61.1	1.26	\$1.98
Dyna Gro	DG5295BT	193.5	\$394.93	56.4	16.4	7.7	3.4	60.1	1.27	\$2.03
Garst	8578	192.4	\$399.23	54.1	15.2	7.6	4.0	59.8	1.24	\$2.09
Stauffer	2517BT	191.0	\$396.19	55.1	15.2	7.1	4.0	60.2	1.28	\$2.04
NK	NX4831	189.1	\$388.67	53.2	15.9	7.8	3.5	60.2	1.28	\$2.05
Renze	8244BT	186.1	\$377.92	55.5	16.8	7.7	3.8	59.8	1.25	\$2.07
SOI	SOI9041	185.6	\$376.44	57.5	16.9	7.3	4.0	59.6	1.28	\$2.06
Black Diamond	2016	182.1	\$372.32	53.3	16.3	7.6	3.5	60.1	1.25	\$2.03
Wyffels	W4570	181.9	\$371.94	55.3	16.3	7.4	3.6	60.6	1.26	\$2.03
Golden Harvest	H8370BT	181.6	\$364.34	56.4	17.7	8.1	3.4	59.4	1.26	\$2.07
Mycogen	2G626	178.5	\$360.48	55.6	17.2	8.4	3.4	60.1	1.27	\$2.10
Renze	8233BT	177.6	\$346.86	56.2	19.6	7.2	3.4	60.4	1.27	\$1.99
SOI	9063	177.5	\$373.51	54.8	14.1	7.6	3.8	60.4	1.26	\$2.06
Garst	8787	175.2	\$364.33	55.0	15.0	6.5	3.7	61.1	1.27	\$1.95
Croplan	516BT	173.3	\$361.40	57.0	14.8	8.0	3.2	61.0	1.28	\$2.04
Mycogen	5320BT	171.1	\$355.00	55.1	15.2	8.4	3.8	59.1	1.27	\$2.14
Midwest	7494B	169.7	\$332.85	56.6	19.3	7.5	3.8	59.9	1.26	\$2.06
Check Variety Information: (average values for check strips)										
NK	N59Q9	190.3	\$389.30	55.4	16.3	7.1	3.8	60.6	1.27	\$2.01
Averages⁵		189.8	\$385.63	55.4	16.7	7.6	3.6	60.1	1.26	\$2.04
Standard Deviation⁵		13.6	\$26.26	1.4	2.0	0.4	0.3	0.6	0.01	\$0.05
Maximum⁵		224.0	\$448.09	58.3	21.5	8.4	4.0	61.1	1.30	\$2.14
Minimum⁵		169.7	\$332.85	53.2	13.9	6.5	3.1	59.1	1.24	\$1.95

**YIELD, PROTEIN, OIL, STARCH, TEST WEIGHT AND DENSITY BASIS 15% MOISTURE.
VALUE IS GROSS REVENUE PER ACRE MINUS 2.75 CENTS/BU/PT. FOR DRYING.
DENSITY IS A MEASURE OF KERNEL HARDNESS.**

¹ Yield is check-adjusted in plots with check strips.
² Value is determined by the current price for corn (\$2.08) and a drying charge.
³ Field moisture content and test weight data were provided by the participating plot operator.
⁴ EPVBF is the Estimated Processed Value per Bushel to be used for Feed. It is determined by grain quality and the current market price for feed ingredients.
⁵ Averages, Standard Deviation, Maximum, and Minimum values were calculated from plot final results, not including check strips (where applicable).

Ingredient Prices for EPVBF	
Corn (\$ / bu.)	2.08
White Grease (\$ / lb.)	0.19
DDG (\$ / ton)	95
48% Soy Meal (\$ / ton)	205