



2003 Strip Plots

ISU Grain Quality Laboratory

Results: Palo Alto Corn Association Strip Plot Corn on Corn

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	
NK	N60-B06	202.8	\$384.44	55.7	21.7	7.4	3.5	59.6	1.22	\$2.01	
Croplan	503BT	192.7	\$389.25	57.6	17.2	7.5	3.7	60.5	1.26	\$2.04	
Dyna Gro	DG5324BT	185.4	\$362.11	54.2	19.6	8.4	4.0	58.5	1.23	\$2.16	
Wyffels	W3813	182.7	\$367.36	56.6	17.5	8.3	4.0	59.1	1.26	\$2.15	
Dekalb	DKC50-18	182.4	\$375.81	55.2	15.7	7.7	3.4	60.6	1.27	\$2.03	
Stauffer	2585	179.9	\$374.29	55.0	15.0	8.0	3.6	59.9	1.25	\$2.08	
Pfister	2275	178.6	\$366.98	54.2	15.9	7.9	3.5	60.4	1.26	\$2.06	
Wensman	5417	176.1	\$358.54	54.4	16.6	8.1	3.7	59.7	1.24	\$2.10	
Asgrow	RX702YG	168.5	\$293.44	57.1	27.3	7.4	3.7	58.7	1.27	\$2.04	
Midwest	G7622	150.5	\$299.81	52.8	18.2	8.1	3.9	59.4	1.23	\$2.12	

Check Variety Information: (average values for check strips)

NK	N59Q9	181.9	\$366.87	55.1	17.3	7.2	3.7	60.5	1.27	\$2.02
----	-------	-------	----------	------	------	-----	-----	------	------	--------



Averages⁵	180.0	\$357.20	55.3	18.5	7.9	3.7	59.6	1.25	\$2.08
Standard Deviation⁵	13.9	\$33.32	1.5	3.7	0.4	0.2	0.7	0.02	\$0.05
Maximum⁵	202.8	\$389.25	57.6	27.3	8.4	4.0	60.6	1.27	\$2.16
Minimum⁵	150.5	\$293.44	52.8	15.0	7.4	3.4	58.5	1.22	\$2.01

**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