



2000 Strip Plots

ISU Grain Quality Laboratory

Results: Palo Alto/ Iowa Lakes Community College Corn Test Plot

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	
Pioneer	36R11	188.6	\$211.42	56.6	21.5	7.5	3.0	59.8	1.26	1.24
Kruger	9108	179.3	\$201.55	55.6	21.4	7.2	3.3	59.9	1.25	1.23
Dairyland - Stealth	ST 1507	177.5	\$180.93	55.6	25.2	7.4	3.6	58.5	1.22	1.26
Golden Harvest	H-8067BT	176.5	\$197.40	56.7	21.6	7.5	3.8	59.1	1.26	1.27
Asgrow	RX481YG	175.5	\$210.81	55.9	18.6	7.0	3.8	60.3	1.26	1.24
Dekalb	DKC 57-38	174.5	\$193.77	55.7	21.9	7.5	3.6	58.8	1.25	1.26
Renze	6231	174.4	\$208.49	53.0	18.8	7.7	3.1	59.7	1.25	1.26
Garst	8590	173.0	\$201.14	56.3	20.0	6.8	3.9	59.3	1.24	1.23
Cargill	6431 IMI	172.6	\$178.37	55.4	24.7	7.7	3.4	57.3	1.24	1.27
Asgrow	RX 634	172.4	\$198.03	55.4	20.5	7.4	3.4	60.1	1.29	1.25
AgriPro	9466	171.1	\$150.89	54.8	30.2	7.9	3.2	56.8	1.21	1.28
Golden Harvest	H-8250	169.5	\$190.98	55.6	21.3	6.9	4.0	59.3	1.29	1.24
Croplan	561	168.9	\$189.80	55.6	21.4	6.5	3.5	59.9	1.29	1.19
Novartis	NK58-D1	168.8	\$168.42	54.8	26.0	6.9	3.3	58.3	1.22	1.21
Kruger	9898+	167.8	\$204.79	55.7	17.9	7.5	3.8	60.1	1.27	1.27
Pioneer	34B23	166.2	\$170.32	57.0	25.0	7.5	3.6	58.5	1.26	1.26
Rainbow	3020	165.8	\$205.91	56.5	17.1	7.8	3.5	60.1	1.28	1.28
Browns	6950	165.6	\$151.97	54.5	28.9	7.4	3.0	57.3	1.21	1.23
Renze	8261 BT	165.2	\$154.78	53.8	28.2	7.1	3.7	58.4	1.23	1.24
Sands of Iowa	105 BT	164.7	\$203.30	55.6	17.4	7.6	3.9	59.9	1.27	1.29
Croplan	538 BT	164.5	\$178.10	54.0	22.9	7.1	3.8	58.9	1.24	1.25
Dairyland - Stealth	ST 1412	164.1	\$174.54	54.2	23.6	7.3	3.8	58.5	1.24	1.26
Renze	8261BT	164.1	\$160.51	54.9	26.7	7.2	3.6	58.1	1.22	1.24
Garst	8608	163.7	\$199.81	54.7	17.9	7.3	3.8	59.9	1.27	1.26
Mycogen	2620	163.4	\$181.46	55.7	21.9	7.6	3.6	58.2	1.25	1.27
Novartis	NK45-75	163.1	\$187.84	55.4	20.4	6.7	3.7	60.4	1.27	1.21
Browns	5060	162.9	\$188.96	57.8	20.1	7.5	3.5	59.4	1.29	1.26
Dekalb	DK 551 BTY	162.5	\$194.76	53.9	18.7	7.5	3.6	59.8	1.26	1.26
Rainbow	3709	160.7	\$181.06	55.6	21.3	7.2	3.7	59.3	1.25	1.25
Sands of Iowa	905-02	159.9	\$176.60	54.8	22.1	7.7	3.7	58.5	1.26	1.28
Cargill	4111	159.3	\$200.54	56.4	16.5	7.1	3.8	60.7	1.27	1.25
Great Lakes	5675	154.5	\$167.72	54.0	22.8	6.9	3.4	59.7	1.24	1.21
Mycogen	2525	153.5	\$180.59	56.1	19.5	7.3	3.5	60.8	1.27	1.25
AgriPro	9368	148.6	\$140.06	54.8	28.0	7.1	3.5	58.4	1.25	1.23
Great Lakes	5816	136.6	\$123.88	54.6	29.3	7.7	3.8	57.4	1.22	1.29

Check Variety Information: (average values for check strips)										
Novartis	NK 59Q9	177.8	\$189.05	55.0	23.6	7.4	3.6	59.2	1.25	

Averages⁵	166.27	\$183.13	55.33	22.27	7.31	3.58	59.13	1.253	1.25
Standard Deviation⁵	9.34	\$21.13	1.02	3.72	0.33	0.25	1.02	0.023	0.02
Maximum⁵	188.6	\$211.42	57.8	30.2	7.9	4.0	60.8	1.29	1.29
Minimum⁵	136.6	\$123.88	53.0	16.5	6.5	3.0	56.8	1.21	1.19

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 (\$1.30) and a drying charge.
³ Reported 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.)	1.30
White Grease (\$ / lb.)	0.08
DDG (\$ / ton)	88
48% Soy Meal (\$ / ton)	147.50