



2000 Strip Plots

ISU Grain Quality Laboratory

Results Linn County 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 Hi-Bred	33P67	195.2	\$240.28	61.3	17.5	7.4	3.3	60.3	1.30	1.24
Mycogen	27991MI	193.1	\$246.23	58.8	15.9	6.8	3.8	60.3	1.27	1.22
Pioneer Hi-Bred	34B23	185.9	\$241.12	60.6	15.1	7.4	2.8	61.2	1.29	1.22
AgVenture	AV795BT	185.8	\$245.58	56.2	14.2	7.7	3.5	60.4	1.25	1.27
Asgrow	RX730YG	182.4	\$237.08	58.3	15.0	7.1	3.4	61.3	1.27	1.23
Cargill	6912	181.5	\$237.48	56.1	14.7	7.1	3.2	61.1	1.29	1.22
Novartis	N59Q9	180.9	\$243.08	58.8	13.4	7.5	3.1	61.3	1.29	1.24
Hobart Brothers	4140	180.6	\$236.77	58.7	14.6	8.0	3.6	60.2	1.28	1.30
Midwest Genetics	G7711BT	180.2	\$234.27	57.7	15.0	7.2	3.5	60.9	1.28	1.24
Midwest Genetics	X91121BT	178.8	\$227.03	58.4	16.1	8.3	3.6	59.6	1.26	1.32
Henkel	H1820	178.4	\$236.85	57.7	14.0	7.3	3.5	61.1	1.27	1.25
Dekalb	DK595YG	176.8	\$231.74	59.2	14.6	7.9	2.7	60.8	1.28	1.25
Marks	98113BT	175.7	\$218.78	58.3	17.0	7.9	3.4	59.7	1.28	1.28
Herman's	H91	175.6	\$229.21	57.1	14.8	7.5	3.0	61.1	1.28	1.24
Garst	8464	175.3	\$225.97	57.0	15.4	6.7	3.5	60.8	1.24	1.20
Cornelius	C590	175.1	\$231.98	56.4	14.1	8.0	3.6	60.0	1.24	1.30
High Cycle	7747BT	173.3	\$224.78	57.5	15.1	6.9	3.2	61.4	1.28	1.20
Golden Harvest	H-8562	173.1	\$230.23	56.8	13.9	8.3	3.5	59.9	1.26	1.32
New Horizon FS (N)	N67-T4	173.0	\$231.04	57.6	13.7	7.1	3.3	61.4	1.27	1.22
Dairyland	Stealth1515	172.8	\$225.59	60.2	14.8	7.7	3.5	60.4	1.29	1.27
Mycogen	2767	172.7	\$228.25	56.4	14.2	7.3	3.5	60.9	1.27	1.25
New Horizon FS	FS5221	172.5	\$229.89	57.5	13.8	8.3	3.6	60.1	1.25	1.32
Herman's	H131	172.1	\$226.59	56.1	14.4	6.8	3.3	61.5	1.26	1.20
Asgrow	RX680YG	171.3	\$223.14	59.1	14.9	7.0	3.2	61.3	1.29	1.21
Rainbow	1129YG	171.2	\$223.51	57.8	14.8	7.3	3.1	61.3	1.28	1.23
Hobart Brothers	4030	171.2	\$226.76	55.1	14.1	7.1	3.3	61.5	1.25	1.22
Fontanelle	4990	171.0	\$226.51	57.0	14.1	7.7	3.5	60.6	1.28	1.27
Wyffel	W7100	170.8	\$220.68	58.2	15.3	7.4	3.4	60.9	1.28	1.25
AgriPro	8464	170.8	\$220.67	57.1	15.3	7.2	3.6	60.6	1.26	1.24
AgriPro	9466	170.8	\$226.71	52.3	14.0	8.1	3.7	60.0	1.25	1.31
Novartis	N58-D1	170.3	\$222.36	59.5	14.8	7.3	2.7	61.5	1.28	1.21
Garst	8590	169.9	\$224.19	55.3	14.3	7.5	3.7	60.4	1.27	1.27
AgVenture	AV826BT	169.8	\$221.67	57.2	14.8	7.2	3.3	61.2	1.27	1.23
Scott's Quality Seed	9807	169.7	\$227.62	55.3	13.5	7.5	3.7	60.3	1.25	1.27
High Cycle	540	169.5	\$225.94	58.3	13.8	8.5	3.1	60.3	1.27	1.31
Cornelius	C685	169.0	\$224.85	56.3	13.9	7.2	3.7	61.1	1.28	1.25
Patriot	5105BT	168.9	\$222.35	56.0	14.4	7.9	3.5	60.4	1.26	1.29
Marks	99109BT	167.7	\$221.75	56.9	14.2	8.1	3.7	59.9	1.25	1.31
Wyffel	W5541	167.5	\$213.55	59.1	15.9	8.4	3.6	59.4	1.27	1.33
Henkel	H8730	166.9	\$216.97	54.0	15.0	7.2	3.4	60.5	1.26	1.23
Agri Gold	6428	166.7	\$222.72	57.4	13.7	7.3	3.5	61.0	1.27	1.25
Crows	504	165.9	\$214.33	60.6	15.3	7.8	3.5	60.1	1.29	1.28
Crows	438BT	165.8	\$218.73	57.1	14.3	8.5	3.7	59.8	1.25	1.34
A+ Seeds	4112BT	165.7	\$218.58	57.3	14.3	7.2	3.3	61.4	1.27	1.23
Dairyland	Stealth1412	164.3	\$218.09	56.6	14.0	7.2	3.6	61.2	1.27	1.24
Agri Gold	6469BT	163.4	\$213.26	57.5	14.8	7.4	3.3	61.0	1.28	1.24
Scott's Quality Seed	9610	163.2	\$216.64	56.6	14.0	7.5	3.3	60.8	1.27	1.25
A+ Seeds	5112	162.7	\$207.04	58.0	16.0	7.9	3.0	60.3	1.27	1.27
Golden Harvest	H-9230BT	162.6	\$214.97	56.8	14.2	7.4	3.1	61.4	1.27	1.24
Cargill	5212	161.5	\$215.30	56.6	13.8	7.4	3.7	60.4	1.25	1.26
NC+	4880	161.3	\$214.51	54.1	13.9	7.2	3.1	61.7	1.27	1.22
Dekalb	DK537	160.0	\$212.80	57.1	13.9	8.0	3.2	60.9	1.29	1.28
Trelay	9095	157.4	\$208.92	56.5	14.0	7.0	3.4	61.4	1.26	1.22
North Gro	6988	157.0	\$209.23	57.4	13.8	7.6	3.6	60.9	1.27	1.27
Patriot	6120BT	156.6	\$201.81	58.6	15.4	7.2	3.4	60.9	1.27	1.23
NC+	3820	155.9	\$206.59	58.8	14.1	7.7	2.9	61.0	1.27	1.25
Rainbow	3109	154.8	\$202.89	58.3	14.6	7.7	3.5	60.3	1.28	1.27
North Gro	6500	153.7	\$205.36	56.7	13.7	7.5	3.1	61.1	1.27	1.24

Check Variety Information: (average values for check strips)

Pioneer	33P67	187.8	\$228.82	61.2	18.0	7.3	3.3	60.2	1.31	1.24
Averages⁵										
Averages⁵	170.6	223.64	57.4	14.6	7.5	3.4	60.7	1.27	1.26	
Standard Deviation⁵	8.8	10.51	1.6	0.8	0.4	0.3	0.6	0.01	0.04	
Maximum⁵	195.2	246.23	61.3	17.5	8.5	3.8	61.7	1.30	1.34	
Minimum⁵	153.7	201.81	52.3	13.4	6.7	2.7	59.4	1.24	1.20	
YIELD, PROTEIN, OIL, STARCH, TEST WEIGHT AND DENSITY BASIS 15% MOISTURE.							Ingredient Prices for EPVBF			
VALUE IS GROSS REVENUE PER ACRE MINUS 2.75 CENTS/BU/PT. FOR DRYING.							Corn (\$ / bu.) 1.30			
DENSITY IS A MEASURE OF KERNEL HARDNESS.							White Grease (\$ / lb.) 0.08			
¹ Yield is check-adjusted in plots with check strips.							DDG (\$ / ton) 88			
² Value is determined by the current price for corn (\$1.30) and a drying charge.							48% Soy Meal (\$ / ton) 147.5			
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).										
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