



2003 Strip Plots

ISU Grain Quality Laboratory

Results: Linn County Corn Strip 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	
LG Seed	LG 2622 BT	194.7	\$404.36	57.0	15.1	8.1	4.0	59.9	1.26	\$2.13
LG Seed	LG 2540 BT	194.7	\$399.63	56.2	16.0	7.4	3.8	60.4	1.25	\$2.05
Marks	03110 BT	190.8	\$401.68	55.7	14.1	7.4	4.2	60.3	1.26	\$2.09
Corn Belt Hybrids	C-595	190.4	\$400.20	56.9	14.2	7.6	4.1	60.7	1.25	\$2.10
AgriGold	6490 BT	189.4	\$387.68	59.4	16.2	7.9	4.2	59.6	1.28	\$2.13
Hobart	4140	188.6	\$385.51	56.9	16.3	7.8	3.6	60.3	1.27	\$2.06
Marks	03109 BT	188.5	\$396.29	57.1	14.2	6.8	4.1	61.8	1.25	\$2.02
AgriGold	6395	186.2	\$388.83	55.3	14.7	7.5	3.6	61.0	1.25	\$2.03
Merschman	M-20109	185.5	\$379.29	58.9	16.3	7.3	4.1	59.9	1.28	\$2.07
Cornelius	C-590 YG	183.7	\$382.67	55.3	14.9	8.3	4.0	59.7	1.24	\$2.15
Hermann's	H-114	183.6	\$379.86	57.8	15.4	7.3	3.8	60.7	1.25	\$2.04
High Cycle	7748 BT	182.6	\$386.34	55.9	13.7	7.2	4.1	60.6	1.25	\$2.06
Cornelius	C-605 YG	181.9	\$385.34	55.2	13.6	6.8	4.7	61.5	1.21	\$2.09
Wyffels	W-72736 G	181.9	\$382.92	56.6	14.1	7.1	4.4	60.3	1.25	\$2.08
Pioneer	33P67	181.2	\$372.90	60.3	15.8	7.8	3.1	60.8	1.31	\$2.01
New Horizon FS	6432	181.0	\$382.52	57.0	13.8	8.0	3.9	60.4	1.25	\$2.11
Dairyland	Stealth 1611	180.8	\$382.92	55.6	13.6	7.3	3.8	61.4	1.24	\$2.04
Wyffels	W-6570 G	180.8	\$379.55	56.8	14.3	7.9	3.9	60.3	1.25	\$2.10
Ag Venture	AV 743 CB	180.5	\$376.95	55.3	14.7	8.0	3.9	60.2	1.24	\$2.11
Crows	4707 BT	179.6	\$375.95	56.0	14.5	7.8	3.7	60.5	1.25	\$2.07
Croplan Genetics	691 BT	179.2	\$373.22	55.2	14.9	7.1	3.7	61.0	1.24	\$2.01
Hobart	4150	177.7	\$371.58	56.4	14.6	8.1	3.9	60.2	1.26	\$2.12
Mycongen	2A812	177.7	\$362.35	56.8	16.5	7.7	3.9	60.2	1.27	\$2.08
Naylor	NS 7606	177.6	\$371.92	56.5	14.5	7.8	3.7	60.5	1.25	\$2.07
Dekalb	DCK60-16	177.3	\$372.18	56.9	14.3	7.2	3.5	61.6	1.27	\$2.00
Ottillie Seed	RO5334 BT	177.3	\$371.77	56.2	14.4	7.5	3.5	60.8	1.26	\$2.02
Sengenta	N 60-N2	176.6	\$373.06	55.2	13.8	7.5	3.4	61.3	1.25	\$2.01
Corn Belt Hybrids	C-599 BT	176.1	\$364.36	57.6	15.4	7.5	3.7	60.9	1.26	\$2.04
Croplan Genetics	601 BT	175.2	\$366.79	56.1	14.5	7.3	3.7	61.4	1.27	\$2.03
Sengenta	NX6900	175.1	\$361.71	55.4	15.5	8.7	3.7	59.7	1.25	\$2.15
Golden Harvest	H-9148 BT	174.7	\$359.95	54.6	15.7	7.6	3.9	60.5	1.23	\$2.08
Wilson	1537 BT	174.5	\$365.91	56.1	14.4	6.4	3.9	61.5	1.22	\$1.97
Naylor	NS 7705	174.5	\$365.37	55.5	14.5	6.9	3.2	62.0	1.26	\$1.94
Renk	RK 837	174.5	\$361.45	56.6	15.3	8.0	3.9	60.4	1.25	\$2.11
Crows	4908	174.3	\$366.32	56.9	14.2	7.9	3.7	60.8	1.26	\$2.08
NC+	3305	173.8	\$365.29	56.1	14.2	7.5	3.6	60.9	1.25	\$2.03
New Horizon FS	6684 BT	173.5	\$359.35	57.0	15.3	7.4	3.9	60.7	1.26	\$2.06
Ottillie Seed	RO4777 BT	173.3	\$363.90	55.4	14.3	8.2	4.1	59.9	1.23	\$2.15
Golden Harvest	H-8906	172.6	\$363.68	56.7	14.0	7.5	3.9	60.9	1.24	\$2.07
Rainbow	3135	172.4	\$353.95	56.8	16.0	7.6	3.6	60.8	1.26	\$2.04
A+ Seed	5111 BT	172.0	\$351.05	56.7	16.4	7.4	3.8	60.3	1.26	\$2.05
High Cycle	7886 BT	171.6	\$355.56	56.3	15.3	8.0	4.0	60.1	1.26	\$2.12
Garst	8484	171.1	\$353.91	55.1	15.4	7.6	4.3	60.4	1.26	\$2.12
Dairyland	Stealth 1606	170.0	\$359.70	55.9	13.7	7.7	3.3	61.3	1.26	\$2.02
NC+	4783 BT	169.6	\$350.51	57.0	15.5	6.4	4.4	61.4	1.25	\$2.02
High Cycle	7807 BT	168.9	\$351.23	53.6	15.0	8.2	3.8	60.1	1.23	\$2.12
Dekalb	DCK57-84	168.4	\$357.26	56.5	13.5	7.3	3.8	61.3	1.27	\$2.04
Henkel	H-8865	168.3	\$348.15	56.0	15.4	7.5	3.6	61.1	1.27	\$2.03
Henkel	H-1817	168.1	\$352.89	56.0	14.3	7.5	4.0	60.7	1.27	\$2.08
Fontanelle	5234	168.0	\$355.05	55.1	13.8	7.5	3.8	60.7	1.24	\$2.06
Pioneer	33B51	167.6	\$346.77	59.9	15.4	8.1	3.5	61.2	1.29	\$2.08
Renk	RK 772 YGC	167.4	\$355.56	54.7	13.4	7.8	4.0	60.7	1.25	\$2.10
Garst	8461	167.4	\$350.44	57.3	14.5	8.3	3.7	60.2	1.26	\$2.12
Stine	9619 BT	165.3	\$347.36	56.1	14.2	8.3	3.8	59.8	1.24	\$2.13
Merschman	M-00112	163.5	\$336.94	59.0	15.7	7.6	3.4	60.9	1.29	\$2.02
A+ Seed	4487	160.7	\$328.14	57.0	16.4	7.4	4.0	60.3	1.26	\$2.07
Rainbow	3115	159.3	\$321.28	56.2	17.3	7.0	3.5	60.7	1.26	\$1.98
Ag Venture	AV 817 CB	158.4	\$329.57	56.3	15.0	7.3	3.3	61.5	1.26	\$1.98
Stine	9614 BT	156.1	\$324.69	58.6	15.0	7.5	3.2	61.2	1.29	\$1.99
Hermann's	H-134	156.1	\$323.81	56.6	15.2	8.0	3.8	60.4	1.25	\$2.10
Wilson	1785 BT	155.0	\$325.04	56.1	14.4	8.0	3.7	60.7	1.25	\$2.09
Mycongen	2R773	152.1	\$315.97	57.2	15.1	7.2	3.5	61.3	1.27	\$2.00
Check Variety Information: (average values for check strips)										
Rainbow	3100YG	164.5	\$341.58	56.9	15.1	7.7	3.7	60.7	1.26	\$2.06
Averages⁵		174.8	\$364.30	56.5	14.9	7.6	3.8	60.7	1.26	\$2.06
Standard Deviation⁵		9.7	\$20.81	1.2	0.9	0.5	0.3	0.6	0.02	\$0.05
Maximum⁵		194.7	\$404.36	60.3	17.3	8.7	4.7	62.0	1.31	\$2.15
Minimum⁵		152.1	\$315.97	53.6	13.4	6.4	3.1	59.6	1.21	\$1.94
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.) 2.08				
DENSITY IS A MEASURE OF KERNEL HARDNESS.						White Grease (\$ / lb.) 0.19				
¹ Yield is check-adjusted in plots with check strips.						DDG (\$ / ton) 95				
² Value is determined by the current price for corn (\$2.08) and a drying charge.						48% Soy Meal (\$ / ton) 205				
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).										
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