



2002 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	
Rainbow	3100YG	230.9	\$549.33	58.1	19.4	7.0	4.1	59.7	1.25	\$2.47
Mershman	M-00112	229.4	\$548.24	61.4	19.0	6.8	3.5	60.4	1.29	\$2.41
Dairyland	Stealth 1611	226.0	\$541.94	59.4	18.7	6.9	3.8	60.1	1.27	\$2.44
Pioneer	33P67	225.7	\$538.15	58.2	19.2	7.2	3.6	60.0	1.25	\$2.45
Wyffels	6570	225.0	\$547.65	57.3	17.4	8.0	3.6	59.8	1.23	\$2.50
L.G. Seeds	LG2585	224.9	\$542.35	58.5	18.2	6.9	3.6	60.5	1.25	\$2.43
Golden Harvest	H-8906	223.6	\$537.49	59.1	18.5	6.9	3.7	60.5	1.25	\$2.43
Syngenta	N68K7	223.0	\$531.70	58.5	19.2	6.5	3.9	60.3	1.25	\$2.42
Henkel	H-8865BT	222.3	\$523.95	58.3	20.2	6.4	3.7	60.6	1.25	\$2.40
A+Seed	4487	221.9	\$533.42	58.0	18.5	7.0	3.7	60.2	1.25	\$2.44
Stine	9614BT	220.8	\$529.00	58.6	18.8	7.9	4.0	59.2	1.25	\$2.52
Wilson	1563	219.7	\$525.13	59.2	19.0	6.7	3.4	60.8	1.25	\$2.40
Marks	O0112A	219.3	\$522.97	57.7	19.2	7.1	4.3	59.3	1.26	\$2.49
Ag Venture	AV683BT	218.7	\$522.05	59.2	19.1	6.7	3.6	60.7	1.26	\$2.41
Dairyland	Stealth 1514	217.8	\$520.01	58.9	19.1	7.4	4.0	59.4	1.26	\$2.49
Crows	5360	217.4	\$514.72	57.4	19.8	6.8	3.4	60.7	1.25	\$2.41
Mershman	M-01110	216.7	\$521.57	63.1	18.4	7.1	3.6	60.4	1.25	\$2.44
Agri Gold	A-6445	216.6	\$519.48	57.2	18.7	7.1	4.1	59.9	1.25	\$2.48
Ag Venture	AV817BT	216.4	\$510.69	57.8	20.1	6.3	3.8	60.6	1.25	\$2.40
Hermanns	H-133BT	216.2	\$522.62	58.3	18.0	7.0	3.4	60.6	1.25	\$2.42
Marks	O0109	215.8	\$519.27	59.2	18.4	7.8	4.0	59.2	1.27	\$2.52
Cornilius	C592	215.5	\$518.61	58.6	18.4	7.8	3.8	59.3	1.24	\$2.50
Cropland	691BT	215.3	\$508.64	56.2	20.0	7.0	3.7	60.0	1.24	\$2.44
Henkel	H-1817	215.3	\$516.92	58.7	18.6	6.8	3.5	60.7	1.27	\$2.41
Scotts	9610YG	214.5	\$510.38	60.0	19.4	6.9	3.4	60.5	1.27	\$2.41
Asgrow	RX708YG	214.5	\$513.27	60.9	18.9	7.2	3.4	60.2	1.27	\$2.43
Wilson	1674B	214.5	\$506.73	58.6	20.0	6.5	3.7	60.5	1.27	\$2.41
Crows	4908	214.2	\$511.42	58.9	19.1	6.7	3.7	60.5	1.25	\$2.42
Unity	US7111	212.3	\$503.40	57.5	19.7	6.5	3.8	60.5	1.25	\$2.41
Syngenta	N65M7	212.3	\$506.26	58.8	19.2	6.7	3.5	60.8	1.25	\$2.41
Cornilius	C605YG	212.2	\$507.15	57.4	19.0	7.2	4.1	59.9	1.23	\$2.48
Naylors	NS-7606	211.9	\$505.75	58.0	19.1	7.3	4.1	59.4	1.26	\$2.49
Agripro	9476BT	211.7	\$513.56	57.1	17.7	7.4	3.7	60.1	1.23	\$2.47
Agri Gold	A-6333BT	210.7	\$504.17	59.2	18.9	6.7	3.8	60.3	1.26	\$2.43
Mycogen	2833	210.5	\$501.96	58.1	19.2	6.8	4.0	60.2	1.26	\$2.45
Mycogen	6920BT	210.1	\$509.07	56.7	17.8	7.4	4.1	59.8	1.22	\$2.50
DeKalb	DKC58-78	209.5	\$506.95	58.2	17.9	7.6	3.7	60.1	1.27	\$2.48
Naylors	NS-7704	209.4	\$499.79	61.0	19.1	7.7	3.4	59.7	1.27	\$2.47
Garst	8484BT	209.4	\$492.87	57.4	20.3	7.1	3.9	59.7	1.25	\$2.46
Hobart	4140	208.3	\$505.95	58.9	17.6	7.2	3.7	60.1	1.27	\$2.45
New Horizon FS	FS6533BT	208.0	\$498.80	57.6	18.7	7.1	3.6	60.3	1.25	\$2.44
A+Seed	5110	207.6	\$501.36	58.3	18.1	7.4	3.7	60.2	1.24	\$2.47
Stine	9715BT	207.5	\$495.26	58.6	19.1	6.8	3.5	60.7	1.26	\$2.41
Pioneer	34N44	207.0	\$494.09	59.8	19.1	6.6	3.3	61.0	1.27	\$2.38
New Horizon FS	FS6432	206.0	\$494.51	58.7	18.6	7.3	3.7	59.9	1.26	\$2.46
Cropland	675	205.6	\$489.75	58.5	19.3	6.7	3.8	60.5	1.26	\$2.43
Ottillie	4777BT	204.7	\$498.12	57.8	17.4	7.6	3.6	60.2	1.24	\$2.47
Fontanelle	F-5051	204.4	\$493.51	58.1	18.1	7.0	3.4	60.7	1.27	\$2.42
Telay	9012	203.4	\$492.86	59.1	17.8	7.3	3.7	60.0	1.27	\$2.46
Ottillie	5267BT	202.6	\$483.70	58.9	19.1	6.5	3.9	60.5	1.26	\$2.42
Fontanelle	F-5282	201.9	\$482.09	59.2	19.1	6.8	3.7	60.4	1.26	\$2.43
Golden Harvest	H-8997BT	199.0	\$475.71	58.5	19.0	8.4	3.7	58.8	1.26	\$2.53
Wyffels	5541	195.3	\$466.20	58.9	19.1	8.4	3.9	58.8	1.26	\$2.55
Rainbow	3112	193.4	\$461.81	59.0	19.1	6.5	3.7	60.3	1.27	\$2.41
Hermanns	H-91	190.7	\$460.08	58.2	18.2	7.2	3.2	60.8	1.27	\$2.42
L.G. Seeds	LG2569	190.4	\$456.70	59.2	18.7	8.1	3.6	59.3	1.26	\$2.51
Hobart	4207	190.1	\$462.07	58.5	17.5	6.9	3.5	60.7	1.26	\$2.42
Unity	US7109	189.8	\$457.30	59.5	18.3	7.3	3.4	60.4	1.26	\$2.44
High Cycle	7782BT	184.9	\$441.40	57.7	19.1	8.1	3.7	58.9	1.26	\$2.51
Scotts	2105	177.1	\$431.65	57.2	17.3	7.0	3.0	61.2	1.26	\$2.39

Check Variety Information: (average values for check strips)

Pioneer	34B24	212.3	\$507.91	61.2	18.9	7.5	3.4	60.0	1.27	\$2.45
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Averages⁵	210.8	\$505.02	58.6	18.8	7.1	3.7	60.1	1.26	\$2.45
Standard Deviation⁵	11.2	\$26.10	1.1	0.7	0.5	0.2	0.6	0.01	\$0.04
Maximum⁵	230.9	\$549.33	63.1	20.3	8.4	4.3	61.2	1.29	\$2.55
Minimum⁵	177.1	\$431.65	56.2	17.3	6.3	3.0	58.8	1.22	\$2.38

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 (\$2.50) 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.)	2.50
White Grease (\$ / lb.)	0.13
DDG (\$ / ton)	100
48% Soy Meal (\$ / ton)	185