



# 2001 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 <sup>1</sup> ( Bu. / A. )	Value <sup>2</sup> ( \$ / A. )	Test Wt. <sup>3</sup> ( lb. / Bu. )	Field Moisture <sup>3</sup> ( % )	Protein ( % )	Oil ( % )	Starch ( % )	Density ( g. / cc )	EPVBF <sup>4</sup> ( \$ / Bu. )
<b>Long Term Iowa Averages:</b>										
						8.0	3.6	60.0	1.27	
Pioneer	34B24	204.2	345.0	59.6	20.1	7.3	3.4	59.0	1.27	\$1.77
Fontanelle	5051	199.5	345.9	56.5	18.5	7.0	3.2	59.9	1.27	\$1.74
Henkel	H-1817	198.9	333.4	55.9	20.6	7.1	3.8	59.0	1.25	\$1.79
Mycogen	2799	197.1	326.0	58.4	21.4	7.4	3.9	58.4	1.25	\$1.82
Pioneer	34M95	196.8	334.7	58.2	19.7	8.2	3.5	58.5	1.24	\$1.83
Crows	4908	195.8	328.1	56.8	20.6	7.1	3.9	58.7	1.25	\$1.80
Rainbow	3100YG	193.0	314.5	57.3	22.3	6.8	3.9	59.1	1.25	\$1.79
Cropland Genetics	675	192.1	333.1	56.7	18.5	7.3	4.0	59.0	1.26	\$1.82
Hermann's	H-131	191.3	310.7	54.3	22.5	7.2	3.7	58.4	1.22	\$1.79
Garst	8484	191.3	311.6	57.0	22.3	7.1	3.8	58.6	1.25	\$1.79
Cornelius	C590	191.0	328.0	55.9	19.1	7.7	3.6	58.8	1.23	\$1.81
New Horizon FS	FS6432	191.0	326.9	56.9	19.3	7.2	3.6	59.1	1.25	\$1.78
Naylor Seed	NS7606	190.6	319.0	57.2	20.7	6.7	3.7	59.4	1.25	\$1.76
Dekalb	DKC58-78	189.7	328.9	57.6	18.5	7.4	3.7	59.1	1.26	\$1.80
Epley Bros.	E3223	189.6	313.6	56.3	21.4	7.1	3.8	58.5	1.25	\$1.79
Crows	504	189.4	323.6	59.5	19.4	6.9	4.0	58.7	1.27	\$1.80
AgriGold	A6445	189.0	322.0	57.6	19.6	7.5	3.6	58.8	1.25	\$1.80
Marks	OO110	188.6	318.2	56.8	20.2	7.1	3.7	58.9	1.26	\$1.79
AgriGold	A4008	188.0	320.8	57.3	19.5	7.0	3.4	59.3	1.26	\$1.76
Marks	O2111	187.7	313.5	56.5	20.8	6.9	3.7	59.0	1.24	\$1.77
Wyffel	W5460	187.5	322.6	56.2	19.0	7.8	3.7	58.5	1.24	\$1.83
Asgrow	RX708	187.0	321.2	57.5	19.1	7.1	3.4	59.0	1.27	\$1.76
Dairyland	1412	186.4	303.2	56.8	22.4	6.6	3.9	59.0	1.26	\$1.77
Hobart Bros.	4140	186.3	319.4	57.4	19.2	7.2	3.7	59.0	1.26	\$1.79
Epley Bros.	E3687	185.2	293.7	55.1	23.9	6.7	3.5	59.1	1.22	\$1.75
Wyffel	W5541	185.0	314.6	56.6	19.7	8.0	3.4	58.6	1.24	\$1.81
Golden Harvest	H-8977BT	184.7	315.7	57.1	19.4	8.2	3.8	57.9	1.25	\$1.86
NC+	5169	184.6	318.1	60.0	18.9	7.2	3.9	58.3	1.28	\$1.81
Cornelius	C635	183.7	299.8	57.0	22.2	6.9	3.8	58.9	1.24	\$1.78
Stine Seeds	9614BT	183.7	298.7	57.6	22.4	6.1	3.6	58.4	1.27	\$1.72
Cropland Genetics	683BT	183.2	308.1	56.9	20.4	8.6	4.4	57.3	1.26	\$1.93
Dairyland	1515	183.0	311.7	58.7	19.6	6.9	4.0	58.8	1.27	\$1.80
Ottile Seed	RO4953BT	182.6	313.1	57.6	19.2	8.1	3.8	58.4	1.26	\$1.85
Ottile Seed	RO2467	182.4	305.7	56.8	20.6	6.8	3.7	59.3	1.25	\$1.77
Fontanelle	5301	181.9	302.4	55.5	21.1	6.6	3.7	59.0	1.24	\$1.76
AgVenture	AV743	181.8	307.7	53.5	20.0	7.2	3.9	58.6	1.23	\$1.81
Unity Seed	6108B	181.6	306.8	60.4	20.1	7.0	3.9	58.5	1.26	\$1.80
Mycogen	2652	181.0	316.3	56.5	18.0	7.6	3.5	59.2	1.25	\$1.80
New Horizon FS	FS5308	180.2	317.8	58.0	17.4	7.2	3.3	60.2	1.26	\$1.76
Hobart Bros.	4210	179.3	305.0	56.2	19.7	6.9	3.7	59.1	1.23	\$1.77
Syngenta	N60-N2	179.1	301.6	54.3	20.3	8.1	3.5	58.3	1.25	\$1.83
North Gro	7202	178.9	293.9	55.5	21.8	6.8	3.8	58.9	1.24	\$1.78
Syngenta	N58-D1	178.6	306.7	57.5	19.1	8.0	3.0	59.0	1.26	\$1.78
Trelay	8200	177.1	302.6	56.0	19.4	8.3	3.9	58.0	1.25	\$1.87
Unity Seed	6244	176.4	296.7	55.8	20.4	6.5	3.7	59.8	1.23	\$1.75
Golden Harvest	H-8562	175.8	304.2	56.6	18.6	7.5	3.7	58.9	1.25	\$1.81
Trelay	9500	175.7	299.2	57.4	19.6	7.4	4.0	58.5	1.26	\$1.83
Stine Seeds	9615BT	175.4	294.0	56.4	20.6	6.7	3.8	59.1	1.26	\$1.77
A+	4485	175.3	285.7	56.0	22.3	6.8	4.1	58.3	1.24	\$1.80
Henkel	H-1650	174.8	297.8	56.9	19.6	6.8	3.2	59.3	1.26	\$1.73
Hermann's	H-91	174.4	305.8	57.4	17.8	7.4	3.3	59.6	1.24	\$1.77
A+	5105	173.9	299.6	56.5	18.9	7.0	3.5	59.7	1.25	\$1.76
AgVenture	AV777	172.2	288.1	56.9	20.7	7.1	3.4	58.8	1.25	\$1.76
Rainbow	3122	171.3	293.3	56.8	19.3	6.9	3.5	59.6	1.24	\$1.76
NC+	3448	171.2	295.4	57.8	18.8	7.5	3.2	59.3	1.27	\$1.77
Naylor Seed	NS5406	170.0	296.1	56.9	18.2	7.8	3.4	59.0	1.26	\$1.80
Garst	8550	164.2	270.6	57.2	21.6	7.0	3.4	58.9	1.26	\$1.76
North Gro	5909	160.7	282.6	57.8	17.6	6.7	3.4	59.9	1.27	\$1.74

<b>Check Variety Information: (average values for check strips)</b>										
Pioneer	33P67	208.9	342.6	59.8	21.9	6.7	3.7	58.7	1.28	\$1.76

<b>Averages<sup>5</sup></b>	183.6	310.6	56.9	20.0	7.2	3.7	3.7	58.9	1.25	\$1.79
<b>Standard Deviation<sup>5</sup></b>	8.7	15.1	1.2	1.4	0.5	0.3	0.3	0.5	0.01	\$0.04
<b>Maximum<sup>5</sup></b>	204.2	345.9	60.4	23.9	8.6	4.4	4.4	60.2	1.28	\$1.93
<b>Minimum<sup>5</sup></b>	160.7	270.6	53.5	17.4	6.1	3.0	3.0	57.3	1.22	\$1.72

**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.**

<sup>1</sup> Yield is check-adjusted in plots with check strips.  
<sup>2</sup> Value is determined by the current price for corn (\$1.83) and a drying charge.  
<sup>3</sup> Reported moisture content and test weight data were provided by the participating plot operator.  
<sup>4</sup> 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.  
<sup>5</sup> Averages, Standard Deviation, Maximum, and Minimum values were calculated from plot final results, not including check strips (where applicable).

<b>Ingredient Prices for EPVBF</b>	
Corn (\$ / bu.)	1.83
White Grease (\$ / lb.)	0.15
DDG (\$ / ton)	101
48% Soy Meal (\$ / ton)	148