



# 2001 Strip Plots

ISU Grain Quality Laboratory

## Results: Bremer 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>						<b>8.0</b>	<b>3.6</b>	<b>60.0</b>	<b>1.27</b>	
Ramy	R1590	208.5	\$360.85	57.9	18.6	7.5	3.8	59.1	1.24	\$1.82
Epley	E2490BT	208.4	\$360.21	57.9	18.7	7.5	3.6	59.3	1.25	\$1.80
DeKalb	58-78	207.7	\$364.17	59.7	17.8	8.0	4.0	58.9	1.27	\$1.86
AgriPro	9576BT	206.6	\$363.88	56.6	17.5	7.1	3.9	59.3	1.23	\$1.80
Wyffels	W5540	206.0	\$352.64	59.1	19.3	7.6	3.8	59.1	1.26	\$1.82
Pioneer	35Y55	205.9	\$357.04	56.9	18.5	7.8	3.6	59.3	1.26	\$1.82
Ramy	R1634	203.2	\$343.42	58.3	20.1	7.0	3.8	59.5	1.26	\$1.79
FS	5632	202.1	\$345.99	59.1	19.3	7.5	3.7	59.0	1.26	\$1.81
Pioneer	34B24	200.3	\$337.38	61.3	20.3	7.9	3.5	58.9	1.27	\$1.82
Trelay	8200	200.0	\$342.32	59.1	19.3	8.3	3.6	58.3	1.26	\$1.85
Dairyland	1606	197.2	\$338.63	58.0	19.1	7.3	3.3	60.0	1.27	\$1.76
Wyffels	W4828	197.0	\$346.50	58.7	17.6	7.5	3.4	60.0	1.26	\$1.78
LG	2569	195.5	\$344.35	59.6	17.5	8.1	3.8	58.8	1.26	\$1.85
Midwest	G7706	194.7	\$326.87	57.4	20.5	7.4	4.0	59.0	1.25	\$1.83
Patriot	50-870	194.4	\$338.63	58.8	18.2	7.3	3.8	59.6	1.24	\$1.81
Mycogen	2657	194.0	\$336.80	58.9	18.4	7.5	3.8	59.2	1.27	\$1.82
Merschman	M10110	193.6	\$314.82	58.9	22.4	6.7	3.7	59.3	1.26	\$1.76
Patriot	4060	193.2	\$334.40	58.9	18.6	8.1	3.4	59.2	1.27	\$1.82
Northrup King	N60-N2	192.7	\$347.27	56.3	16.0	7.4	3.3	59.6	1.26	\$1.77
LG	2533	189.5	\$326.92	58.0	18.8	7.6	3.7	59.1	1.25	\$1.82
Kaltenberg	K51-51	187.7	\$342.01	60.1	15.3	7.3	3.7	60.1	1.27	\$1.80
Dairyland	1609	186.8	\$314.06	58.4	20.4	7.8	3.7	59.4	1.28	\$1.83
Ag Venture	AV743	186.7	\$320.09	57.1	19.2	6.8	3.8	59.7	1.23	\$1.78
FS	4882	186.4	\$326.28	58.7	17.9	7.8	3.4	59.2	1.27	\$1.80
Mycogen	2652	186.0	\$329.64	57.5	17.1	7.7	3.9	59.7	1.24	\$1.84
Garst	8590	184.9	\$319.05	58.0	18.8	6.9	4.0	59.4	1.25	\$1.80
Northrup King	N45-A6	183.6	\$327.41	57.4	16.7	8.4	3.6	59.1	1.27	\$1.85
Asgrow	RX708	181.7	\$308.00	59.2	19.9	7.4	3.5	59.5	1.27	\$1.79
Trelay	7002	180.7	\$311.29	60.0	18.9	7.7	3.6	59.4	1.28	\$1.81
Ag Venture	777	179.2	\$309.74	56.9	18.7	6.8	3.4	59.6	1.26	\$1.74
Kaltenberg	K5808	174.1	\$309.58	59.5	16.9	7.3	3.7	59.9	1.29	\$1.80
DeKalb	48-15	172.4	\$310.82	59.3	16.0	7.9	3.9	59.5	1.27	\$1.85
Golden Harvest	EX08350BT	171.5	\$305.91	59.4	16.7	7.1	3.9	59.8	1.29	\$1.80
Epley	E2418	171.2	\$301.53	59.6	17.5	6.4	3.8	60.6	1.29	\$1.75
Rainbow	3079	167.7	\$288.06	59.0	19.1	7.2	3.5	59.7	1.27	\$1.78
Rainbow	3020	164.7	\$291.51	58.6	17.2	7.4	3.5	60.2	1.27	\$1.79
Golden Harvest	H7895	164.0	\$294.30	57.3	16.3	8.3	3.5	58.9	1.27	\$1.84
Midwest	G7366	162.1	\$288.16	60.5	16.9	6.8	3.8	60.5	1.29	\$1.78
Asgrow	RX452YG	160.4	\$287.27	60.4	16.4	7.6	3.7	59.6	1.28	\$1.82
Merschman	M00105	156.6	\$271.51	57.9	18.5	6.8	3.5	60.4	1.24	\$1.75

Check Variety Information: (average values for check strips)

Pioneer	34G82	204.5	\$354.24	59.0	18.6	7.2	3.2	60.0	1.27	\$1.75
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<b>Averages<sup>5</sup></b>	187.5	\$325.98	58.6	18.3	7.5	3.7	59.5	1.26	\$1.80
<b>Standard Deviation<sup>5</sup></b>	14.8	\$23.88	1.1	1.5	0.5	0.2	0.5	0.02	\$0.03
<b>Maximum<sup>5</sup></b>	208.5	\$364.17	61.3	22.4	8.4	4.0	60.6	1.29	\$1.86
<b>Minimum<sup>5</sup></b>	156.6	\$271.51	56.3	15.3	6.4	3.3	58.3	1.23	\$1.74

**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).

### Ingredient Prices for EPVBF

Corn (\$ / bu.)	1.83
White Grease (\$ / lb.)	0.15
DDG (\$ / ton)	101
48% Soy Meal (\$ / ton)	148