



# 2001 Strip Plots

ISU Grain Quality Laboratory

## Results: Iowa Lakes Community College

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>	
Pioneer	35Y55 Bt	192.1	\$324.02	54.3	20.2	8.8	3.4	57.3	1.25	\$1.86	
Dekalb	DKC 53-32 Bt	188.5	\$323.22	54.6	19.2	7.9	3.7	58.4	1.27	\$1.83	
Asgrow	452yg Bt	183.9	\$312.78	56.2	19.7	8.5	4.0	57.2	1.27	\$1.89	
Dairyland	ST 1606	182.1	\$303.14	54.5	21.0	7.5	3.5	58.5	1.24	\$1.79	
LG	2533	178.6	\$274.30	54.7	25.7	7.9	3.6	57.4	1.23	\$1.82	
Garst	8970 Bt	178.5	\$300.57	55.3	20.3	8.2	4.0	57.4	1.26	\$1.88	
Curry	2151	176.0	\$284.31	56.0	22.8	7.2	3.8	57.9	1.25	\$1.80	
Wyffels	W4828	175.9	\$293.39	61.0	20.9	8.8	3.6	57.4	1.25	\$1.88	
Dekalb	DKC 57-38 Bt	175.6	\$280.71	55.1	23.4	7.8	3.9	57.3	1.25	\$1.84	
Dairyland	ST 1401 Bt	173.4	\$301.55	55.8	18.3	8.8	3.7	57.4	1.27	\$1.88	
SOI	9041	171.1	\$287.63	55.9	20.4	7.7	3.9	57.6	1.27	\$1.84	
Mycogen	2652	170.0	\$283.96	53.5	20.8	8.4	3.9	57.4	1.24	\$1.88	
Stine	9615 Bt	169.8	\$258.01	54.8	26.3	7.8	3.4	57.5	1.23	\$1.80	
Garst	8666 IT	168.2	\$274.57	55.8	22.2	8.0	3.2	57.5	1.24	\$1.80	
Great Lakes	5555	168.0	\$249.66	53.6	27.5	8.2	3.6	56.5	1.22	\$1.84	
NK N	45-T5	166.0	\$295.19	55.0	16.9	8.4	3.5	58.6	1.26	\$1.84	
Golden Harvest	H 8067 Bt	165.8	\$278.32	54.9	20.5	9.1	3.8	57.2	1.26	\$1.91	
Pioneer	34G13	165.1	\$253.99	56.2	25.6	8.6	3.7	56.1	1.23	\$1.87	
NK N	43-C4	164.8	\$286.24	54.9	18.4	9.0	3.3	58.6	1.25	\$1.86	
Golden Harvest	H-8123	164.5	\$281.64	52.6	19.3	8.4	3.5	58.6	1.26	\$1.84	
AgriPro	9440	163.9	\$271.03	54.1	21.4	8.5	3.7	57.7	1.25	\$1.87	
Great Lakes	5668	163.4	\$274.29	55.4	20.5	7.8	3.7	58.1	1.25	\$1.83	
Mycogen/Cargil	5212	162.8	\$270.65	57.5	21.1	8.9	3.7	57.3	1.26	\$1.89	
LG	2512	162.5	\$275.92	56.2	19.8	8.3	4.0	57.5	1.27	\$1.88	
Curry	7652 Bt	161.5	\$260.98	55.5	22.8	8.2	4.1	57.7	1.24	\$1.88	
Asgrow	RX 634	161.1	\$280.72	55.8	18.2	7.7	3.2	59.3	1.26	\$1.78	
Renze	6202	158.4	\$261.16	56.2	21.6	8.2	4.0	57.3	1.25	\$1.88	
Wyffels	W5460 Bt	156.8	\$232.67	54.2	27.6	8.5	3.4	56.5	1.22	\$1.84	
Renze	6231	155.9	\$269.49	53.9	18.7	7.7	3.4	58.8	1.26	\$1.80	
Garst	8647	151.9	\$259.26	55.1	19.5	8.5	3.2	58.1	1.26	\$1.83	
Stine	9409	145.3	\$250.30	56.5	18.9	8.7	3.7	57.5	1.28	\$1.88	
SOI	9009	138.8	\$240.64	59.4	18.5	8.5	3.4	58.5	1.27	\$1.84	

Check Variety Information: (average values for check strips)										
Pioneer	36R11	177.2	\$304.25	56.8	19.1	9.0	3.3	57.7	1.26	\$1.86

<b>Averages<sup>5</sup></b>	167.5	\$277.95	55.4	21.2	8.3	3.6	57.7	1.25	\$1.85
<b>Standard Deviation<sup>5</sup></b>	11.5	\$22.00	1.6	2.8	0.5	0.3	0.7	0.02	\$0.03
<b>Maximum<sup>5</sup></b>	192.1	\$324.02	61.0	27.6	9.1	4.1	59.3	1.28	\$1.91
<b>Minimum<sup>5</sup></b>	138.8	\$232.67	52.6	16.9	7.2	3.2	56.1	1.22	\$1.78

**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