



# 2002 Strip Plots

ISU Grain Quality Laboratory

## Results: Iowa Lakes Community College 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>	
NK	NK59Q9	185.4	\$457.85	55.3	16.1	7.7	3.8	59.5	1.27	\$2.49
Patriot	50-771	185.1	\$457.63	55.3	16.0	7.8	3.3	60.1	1.26	\$2.46
Renze	8233BT	184.3	\$449.58	56.6	17.2	7.8	3.3	59.7	1.28	\$2.46
DeKalb	DKC53-32	183.8	\$454.33	56.8	16.0	7.7	3.6	60.0	1.27	\$2.48
DeKalb	DKC58-78	180.3	\$436.98	54.7	17.8	8.8	4.2	58.0	1.25	\$2.60
Stauffer	2585	179.9	\$443.32	55.3	16.3	7.7	3.8	59.7	1.25	\$2.49
Pioneer	36B08	178.1	\$438.94	56.8	16.3	8.6	3.2	59.1	1.26	\$2.51
Stine	9505BT	177.9	\$438.02	54.4	16.4	7.6	3.5	59.9	1.24	\$2.47
Stine	9615BT	177.6	\$430.42	53.7	17.8	8.2	3.9	58.5	1.26	\$2.54
LG	LG2533BT	177.3	\$436.90	55.3	16.3	8.0	3.7	59.1	1.24	\$2.51
Midwest Seed Genet	G7494BT	175.6	\$432.69	56.8	16.3	7.7	3.3	60.0	1.26	\$2.46
Wyffels	W3163	174.5	\$432.94	58.2	15.7	7.9	3.2	59.7	1.27	\$2.46
CROPLAN	516BT	173.3	\$434.18	59.0	14.8	7.8	3.5	59.7	1.27	\$2.48
Stauffer	2530	171.8	\$423.48	55.3	16.3	8.5	3.5	58.7	1.26	\$2.53
Pioneer	36N71	171.8	\$423.72	56.8	16.2	8.8	3.0	59.1	1.26	\$2.51
Wyffels	W4828	171.5	\$418.86	55.5	17.1	8.8	3.6	58.5	1.25	\$2.55
Golden Harvest	H-8067BT	171.5	\$424.87	55.2	15.8	8.3	3.7	59.1	1.25	\$2.53
LG	2521	171.4	\$422.48	54.3	16.3	8.7	3.6	58.8	1.24	\$2.55
Mycogen	2722IMI	170.4	\$413.93	54.7	17.6	7.9	3.6	59.0	1.25	\$2.49
Jacobsen	4345	170.2	\$419.83	56.8	16.2	7.9	3.5	59.6	1.26	\$2.49
Golden Harvest	H8223BT	169.7	\$419.18	54.8	16.1	8.8	3.6	58.5	1.25	\$2.55
Renze	6202	168.2	\$414.07	56.9	16.4	7.7	3.3	59.9	1.26	\$2.46
Curry	4423	167.7	\$414.16	56.3	16.1	8.1	3.5	59.2	1.27	\$2.50
Midwest Seed Genet	7366	166.0	\$405.05	57.6	17.2	8.0	3.8	59.0	1.28	\$2.51
Hobart	4205	165.8	\$406.81	57.4	16.7	7.2	3.1	60.2	1.27	\$2.41
NK	NK 45-A6	165.2	\$409.44	54.2	15.8	8.3	3.5	59.2	1.25	\$2.51
Patriot	40-441	163.7	\$404.79	56.8	16.0	7.4	3.0	60.4	1.26	\$2.42
CROPLAN	523	163.6	\$402.77	57.4	16.4	8.4	3.3	59.6	1.27	\$2.50
Garst	8578	159.1	\$389.98	54.5	16.8	7.8	3.7	59.7	1.24	\$2.49
Curry	2151	158.8	\$391.27	55.8	16.3	7.9	3.6	59.2	1.27	\$2.49
SOI	9062	157.4	\$381.39	55.2	17.8	7.7	4.1	58.7	1.25	\$2.52
Mycogen	5320BT	154.5	\$381.14	55.8	16.2	8.8	3.8	58.2	1.27	\$2.57
Hobart	4207	154.1	\$377.12	54.0	16.9	7.9	3.4	59.5	1.27	\$2.48
Garst	8686	146.1	\$362.13	57.7	15.8	7.8	3.3	59.8	1.26	\$2.46
Jacobsen	4162CL	143.3	\$353.48	57.8	16.2	8.9	3.1	59.0	1.28	\$2.52
SOI	100BT	122.8	\$305.69	57.1	15.4	8.1	3.6	59.7	1.27	\$2.51

<b>Check Variety Information: (average values for check strips)</b>										
Pioneer	35Y55	194.7	\$479.23	55.0	16.4	8.2	3.5	59.4	1.25	\$2.50

<b>Averages<sup>5</sup></b>	168.3	\$414.15	56.0	16.4	8.1	3.5	59.3	1.26	\$2.50
<b>Standard Deviation<sup>5</sup></b>	12.9	\$31.50	1.3	0.7	0.5	0.3	0.6	0.01	\$0.04
<b>Maximum<sup>5</sup></b>	185.4	\$457.85	59.0	17.8	8.9	4.2	60.4	1.28	\$2.60
<b>Minimum<sup>5</sup></b>	122.8	\$305.69	53.7	14.8	7.2	3.0	58.0	1.24	\$2.41

**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 (\$2.50) and a drying charge.  
<sup>3</sup> Field 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.)	2.50
White Grease (\$ / lb.)	0.13
DDG (\$ / ton)	100
48% Soy Meal (\$ / ton)	185