



## 2000 Strip Plots

ISU Grain Quality Laboratory

### Results: Clay County Corn Variety Demonstration

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>	
Dekalb	DKC 57-38	193.7	\$251.85	57.2	15.0	7.5	3.5	60.2	1.26	1.26
Golden Harvest	H8562	192.2	\$245.04	56.4	15.9	7.3	3.5	60.1	1.23	1.25
Mycogen	2652	185.0	\$230.31	56.6	17.0	7.9	3.6	59.5	1.24	1.29
Hawkeye	4430BT	184.0	\$229.05	56.1	17.0	7.3	3.6	60.0	1.23	1.25
Asgrow	RX634	179.4	\$238.63	56.4	13.9	6.7	2.9	61.7	1.27	1.18
Dekalb	DKC551BTY	178.1	\$239.40	57.0	13.4	7.4	3.5	60.9	1.27	1.25
AgriPro	9559 BT	177.8	\$216.45	55.1	18.0	6.8	3.5	60.0	1.22	1.21
Novartis	4567	177.5	\$240.56	56.7	13.0	7.3	3.7	60.7	1.24	1.25
Hawkeye	5X55	177.46	\$227.29	56.0	15.7	7.1	3.6	61.0	1.27	1.24
Hawkeye	SX 9661	177.4	\$218.94	55.7	17.4	6.9	3.6	60.2	1.23	1.22
AgriPro	9466	176.7	\$216.58	56.0	17.7	8.0	3.4	59.7	1.23	1.29
Kruger	K9807	175.8	\$225.11	55.9	15.7	6.9	3.5	61.1	1.25	1.22
Golden Harvest	H8250	175.7	\$234.68	58.0	13.7	6.6	3.4	61.3	1.28	1.19
Curry	2151	175.6	\$222.05	56.9	16.3	7.1	3.3	60.2	1.25	1.22
Hobart Bros.	4140	175.38	\$213.04	56.7	18.1	6.8	3.6	60.4	1.27	1.22
Stauffer	2660BT	175.2	\$220.53	57.6	16.5	7.0	3.3	60.8	1.27	1.22
Golden Harvest	H806BT	175.0	\$229.89	57.8	14.5	7.9	3.5	60.7	1.27	1.29
Novartis	N58-01BT	174.6	\$218.85	57.4	16.7	6.5	3.0	61.3	1.26	1.17
Dekalb	DKC 48-83	174.4	\$235.36	58.2	13.2	7.5	3.3	61.4	1.27	1.25
Stauffer	2653	174.1	\$298.15	55.9	16.6	7.6	3.4	59.7	1.24	1.26
Stine	9614BT	174.0	\$209.40	56.4	18.5	6.8	3.4	60.4	1.27	1.21
Mycogen	2725	173.1	\$221.69	56.7	15.7	6.6	3.7	60.9	1.27	1.21
PSA/Garst	4727BT	173.0	\$207.83	56.0	18.6	6.4	3.3	60.5	1.25	1.17
Curry	4585	172.8	\$228.48	58.0	14.2	7.0	3.7	60.9	1.29	1.23
Rainbow	3100	172.5	\$215.76	56.2	16.8	7.0	3.7	60.5	1.25	1.23
Wensman	W5329BT	172.1	\$221.87	61.0	15.4	7.7	2.6	61.3	1.30	1.23
Hv-vigor	7035	171.56	\$213.59	55.6	17.0	6.7	3.6	60.5	1.26	1.21
Novartis	N59-Q9	171.5	\$215.88	56.7	16.5	6.2	3.2	61.8	1.27	1.15
Wensman	W4379	171.4	\$215.32	57.4	16.6	7.1	2.7	61.3	1.27	1.20
Renze	6331BT	171.1	\$206.41	57.6	18.4	6.6	3.1	60.5	1.27	1.18
Jacobsen	JS 56	170.94	\$217.52	56.8	16.0	7.0	4.2	59.9	1.26	1.26
Dekalb	DKC53-32	170.7	\$227.13	55.2	13.9	7.1	3.4	61.7	1.27	1.23
Wilson Genetic	E0618	170.0	\$210.22	56.7	17.3	6.9	3.4	60.7	1.26	1.21
Curry	7590	169.8	\$221.69	57.7	14.8	6.9	3.5	61.2	1.26	1.22
Asgrow	RX481YG	169.6	\$228.47	56.6	13.3	7.3	3.6	61.6	1.27	1.25
Kruger	K9910BT	169.6	\$206.05	55.6	18.1	7.1	3.7	59.7	1.23	1.24
Asgrow	RX 730YG	169.6	\$201.85	56.4	19.0	6.8	3.4	59.8	1.25	1.21
Jacobsen	JS 4785BT	168.89	\$205.16	55.8	18.1	7.1	3.3	60.1	1.22	1.22
Stine	104 Nutri-Der	168.5	\$213.05	58.9	16.3	8.3	4.1	59.1	1.28	1.34
PSA/Garst	7500	168.5	\$204.68	56.8	18.1	7.5	3.7	59.8	1.24	1.27
Jacobsen	JS 4341	168.21	\$222.37	56.9	14.2	6.8	3.7	60.6	1.28	1.22
AgriPro	9390BT	167.7	\$217.12	54.8	15.2	7.4	3.4	60.7	1.25	1.25
Cargill	4521 BT	167.7	\$226.79	55.1	13.1	7.3	3.7	60.8	1.24	1.25
Cargill	6888	167.1	\$208.10	56.6	17.0	7.1	3.4	60.3	1.25	1.23
AG+	5704	167.0	\$200.11	57.0	18.7	6.9	3.6	59.9	1.25	1.22
Ag-Venture	AVX9481Bt	166.9	\$194.43	55.7	19.9	7.4	3.4	59.9	1.25	1.25
Asgrow	RX601YG	166.7	\$204.33	58.2	17.7	7.1	3.2	60.3	1.25	1.22
Golden Harvest	H8067BT	166.7	\$224.01	55.7	13.4	7.9	3.2	60.9	1.25	1.28
Ag-Venture	AVX9459	166.6	\$217.09	57.9	14.9	6.9	3.8	61.0	1.28	1.23
Hawkeye	3737BT	166.5	\$209.64	56.2	16.5	7.7	3.8	59.9	1.27	1.29
Novartis	4640BT	166.3	\$222.61	57.3	13.6	6.8	3.4	61.4	1.28	1.21
Cargill	6431	166.1	\$204.55	57.1	17.5	7.4	3.5	59.7	1.25	1.25
Ag-venture	717	165.8	\$205.93	58.6	17.1	7.1	3.4	60.1	1.24	1.23
Asgrow	RX 452	165.7	\$223.63	58.4	13.2	7.1	3.7	60.7	1.25	1.24
Stauffer	2207	165.3	\$206.73	55.9	16.8	7.1	3.6	60.4	1.27	1.24
Wilson Genetic	1364	165.1	\$215.03	57.7	14.9	7.1	3.7	60.7	1.28	1.24
AgriPro	9440	163.3	\$203.29	56.8	17.0	7.0	3.1	60.8	1.25	1.21
Hobart Bros.	4840	163.28	\$202.38	57.1	17.2	7.2	3.4	60.5	1.26	1.23
AG+	5803BT	163.1	\$221.40	54.2	12.9	7.2	3.8	61.1	1.25	1.25
Wilson Genetic	E9503BT	162.8	\$208.95	57.2	15.6	NO DATA				
Wensman	W5319BT	162.0	\$215.51	57.7	13.9	7.2	3.2	61.5	1.29	1.23
Stauffer	2517	161.8	\$214.33	58.3	14.1	7.1	3.6	60.9	1.29	1.24
Mycogen	2620	161.5	\$204.59	54.5	16.2	7.1	3.7	60.0	1.23	1.24
Black Diamond	BD2105	161.1	\$215.15	56.0	13.7	6.8	3.5	61.7	1.26	1.21
Mycogen	2654BT	161.0	\$204.83	57.9	16.0	7.7	4.9	58.5	1.28	1.34
Ag-venture	AV766BT	160.8	\$192.69	54.7	18.7	6.8	4.0	60.1	1.22	1.23

Kruger	9002BT	160.65	\$214.59	55.8	13.7	7.1	3.6	61.1	1.25	1.24
Golden Harvest	H7773BT	160.4	\$212.44	57.5	14.1	8.3	3.0	59.8	1.27	1.29
Cargill	5212	160.3	\$274.51	56.8	16.0	7.0	3.5	60.6	1.24	1.22
Renze	6320	159.6	\$199.58	56.4	16.8	7.2	3.6	59.9	1.25	1.24
Ag-venture	AV636	159.2	\$196.95	57.3	17.3	7.0	3.2	60.0	1.26	1.21
Black Diamond	BD 2104	159.2	\$202.17	56.4	16.1	6.8	3.2	60.4	1.25	1.20
Wilson Genetic	1580	159.0	\$201.43	58.0	16.2	7.6	3.7	60.0	1.28	1.28
Wensman	W4237	158.7	\$209.83	57.3	14.2	8.1	3.1	60.6	1.27	1.28
Hobart Bros.	4900	158.49	\$206.91	57.7	14.8	7.6	3.6	60.4	1.28	1.27
SOI	EXP 904-8	158.4	\$209.43	57.7	14.2	6.9	3.8	60.3	1.28	1.23
Hobart Bros.	4010	158.41	\$207.67	56.5	14.6	7.0	3.2	60.9	1.26	1.21
Cargill	4111	158.2	\$214.43	56.2	13.0	7.0	3.4	61.1	1.24	1.22
Hy-vigor	484BT	157.66	\$202.79	57.2	15.5	7.0	3.4	60.9	1.28	1.22
Renze	6171	157.60	\$204.45	56.6	15.1	6.5	3.7	61.1	1.26	1.20
AgriPro	8590IT	157.5	\$203.01	55.6	15.4	7.0	4.0	59.9	1.23	1.25
AG+	5908BT	157.3	\$189.78	53.9	18.4	7.1	3.5	59.7	1.22	1.23
PSA/Garst	859	157.0	\$198.88	55.7	16.2	6.7	4.1	60.3	1.23	1.23
Curry	4794	156.6	\$268.23	55.4	18.8	7.3	3.7	59.5	1.24	1.25
Hawkeye	SX29	156.5	\$203.40	58.1	15.0	6.7	3.4	61.2	1.28	1.20
Novartis	4528	154.4	\$206.72	56.8	13.6	6.5	3.2	61.7	1.27	1.18
SOI	EXP 908-02	154.0	\$203.53	56.5	14.2	7.6	3.6	60.5	1.26	1.27
Hy-vigor	644BT	153.82	\$198.27	57.9	15.4	7.6	3.5	60.3	1.28	1.27
Wensman	W5359BT	153.5	\$196.20	58.7	15.8	8.2	3.4	59.6	1.28	1.31
Hy-vigor	6670	153.00	\$184.17	57.9	18.5	6.7	3.4	60.0	1.26	1.20
AG+	5907	152.5	\$192.43	56.2	16.4	7.3	3.2	60.7	1.24	1.23
SOI	SOI 9058	152.4	\$200.25	56.4	14.5	7.3	3.4	60.9	1.26	1.24
Rainbow	1098BT	152.4	\$196.89	58.6	15.3	7.5	3.4	60.4	1.28	1.26
Stine	9304	152.2	\$196.60	55.8	15.3	7.3	3.2	61.1	1.27	1.23
Black Diamond	BD3108	151.1	\$185.66	55.1	17.6	7.2	3.5	60.3	1.24	1.24
Dekalb	DKC 47-72	151.1	\$206.42	56.0	12.6	7.9	4.1	60.3	1.26	1.32
Rainbow	3020	150.8	\$199.36	57.8	14.2	7.1	3.7	61.2	1.27	1.24
Kruger	9902BT	150.2	\$201.89	54.7	13.4	7.4	3.8	61.2	1.24	1.27
Hy-vigor	4884	150.07	\$193.03	57.9	15.5	7.4	3.3	60.1	1.27	1.24
Black Diamond	BD 2199 BT	149.9	\$196.53	57.5	14.6	7.5	3.5	60.4	1.25	1.26
AG+	5704	149.6	\$201.93	55.7	13.2	6.3	3.3	62.0	1.25	1.17
PSA/Garst	7507	149.2	\$187.34	55.5	16.6	7.5	3.4	59.9	1.23	1.26
Rainbow	1088	148.0	\$188.37	57.2	16.0	7.3	3.4	60.4	1.27	1.24
Curry	2155	147.6	\$190.26	58.7	15.4	6.9	3.2	61.0	1.29	1.20
Jacobsen	JS 4145	147.09	\$199.31	58.0	13.0	7.2	3.5	61.1	1.27	1.24
Stauffer	2548	146.1	\$187.95	57.3	15.5	7.7	3.3	60.5	1.26	1.27
Renze	6211	144.3	\$187.62	55.0	15.0	7.5	3.4	60.9	1.25	1.26
SOI	SOI 9045	143.0	\$184.34	56.3	15.4	6.9	3.6	61.0	1.25	1.22
Stine	9505BT	142.2	\$186.41	54.8	14.6	8.1	3.5	60.5	1.25	1.30
Jacobsen	JS 4685BT	141.46	\$171.45	56.1	18.2	7.2	3.4	60.3	1.25	1.23
Hobart Bros.	4020	130.73	\$174.26	53.3	13.8	6.6	3.5	61.4	1.23	1.20
Stine	9409BT	127.9	\$170.14	54.1	13.9	7.6	3.2	60.9	1.25	1.25
Mycogen	2657BT	120.7	\$154.89	57.5	15.6	7.1	3.6	60.4	1.26	1.24
Check Variety Information: (average values for check strips)										
PSA	7727	167.3	\$220.29	56.4	16.3	7.0	3.4	60.7	1.26	1.22
Averages <sup>5</sup>										
		162.9	210.55	56.7	15.7	7.2	3.5	60.6	1.26	1.24
Standard Deviation <sup>5</sup>										
		12.1	19.74	1.2	1.7	0.4	0.3	0.6	0.02	0.03
Maximum <sup>5</sup>										
		193.7	298.15	61.0	19.9	8.3	4.9	62.0	1.30	1.34
Minimum <sup>5</sup>										
		120.7	154.89	53.3	12.6	6.2	2.6	58.5	1.22	1.15
<b>YIELD, PROTEIN, OIL, STARCH, TEST WEIGHT AND DENSITY BASIS 15% MOISTURE.</b>										
<b>VALUE IS GROSS REVENUE PER ACRE MINUS 2.75 CENTS/BU/PT. FOR DRYING.</b>										
<b>DENSITY IS A MEASURE OF KERNEL HARDNESS.</b>										
<b>Ingredient Prices for EPVBF</b>										
Corn (\$ / bu.) 1.30										
White Grease (\$ / lb.) 0.08										
DDG (\$ / ton) 88										
48% Soy Meal (\$ / ton) 147.5										
<sup>1</sup> Yield is check-adjusted in plots with check strips.										
<sup>2</sup> Value is determined by the current price for corn (\$1.30) 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).										
Copyright © 1996-2000, Iowa Grain Quality Initiative, Iowa State University, Ames, Iowa. All rights reserved.										