



2001 Strip Plots

ISU Grain Quality Laboratory

Results: **Benton County Corn Samples**

Hybrids are listed in order from highest to lowest yield.

Strip Number	Company	Hybrid	Yield (Bu. / A.)	Value ¹ (\$ / A.)	Test Wt. ² (lb. / Bu.)	Field Moisture ² (%)	Protein (%)	Oil (%)	Starch (%)	Density (g. / cc)	EPVBF ³ (\$ / Bu.)
						Long Term Iowa Averages:					
						8.0	3.6	60.0	1.27		
107	Pioneer	33P67	221.4	\$374.74	62.0	20.0	6.8	3.5	59.4	1.30	\$1.75
108	Pioneer	33B51	214.7	\$360.47	60.2	20.5	6.6	3.3	60.1	1.29	\$1.72
46	Patriot	50-771	214.1	\$378.23	58.9	17.3	7.9	3.1	59.7	1.28	\$1.78
43	Patriot	5082 BT	210.8	\$375.83	56.7	16.7	8.2	3.8	58.5	1.24	\$1.86
109	Mycogen	2799	209.2	\$358.14	60.6	19.3	7.1	3.5	59.7	1.29	\$1.77
62	LG	2533BT	206.6	\$360.44	57.7	18.1	8.1	3.7	58.8	1.29	\$1.84
111	Pioneer	34B24	205.5	\$353.52	62.1	19.0	8.4	3.3	58.9	1.29	\$1.83
112	Garst	8481 IT	203.6	\$340.17	60.4	20.8	7.6	3.6	58.6	1.28	\$1.81
113	Garst	8484	200.0	\$345.67	58.9	18.7	7.6	3.4	59.5	1.27	\$1.79
110	Mycogen	2652	199.1	\$364.93	59.3	14.9	8.4	3.6	59.1	1.26	\$1.85
106	Garst	8550	199.1	\$342.97	59.4	18.9	7.8	3.8	58.4	1.28	\$1.84
49	Patriot	5082 BT	197.9	\$348.04	57.9	17.6	8.4	3.9	58.5	1.25	\$1.88
52	Dekalb	60-08	197.7	\$348.26	59.0	17.5	7.9	3.5	59.5	1.29	\$1.82
58	Golden Harvest	8877	196.2	\$349.36	54.1	16.8	8.2	4.2	58.2	1.25	\$1.89
45	Patriot	4060	195.0	\$344.58	58.9	17.3	8.6	3.6	58.5	1.27	\$1.86
50	Dekalb	58-78	193.3	\$338.26	57.4	17.9	7.9	4.0	59.0	1.28	\$1.86
54	Asgrow	708	192.8	\$337.41	58.5	17.9	7.7	3.6	58.9	1.28	\$1.81
57	Golden Harvest	9285 BT	192.6	\$337.04	54.1	17.9	7.9	4.0	59.0	1.26	\$1.86
51	Dekalb	6125	190.2	\$321.42	58.8	20.1	8.2	4.0	57.3	1.28	\$1.88
28	Patriot	5082	190.2	\$340.75	56.9	16.4	8.1	3.6	58.7	1.26	\$1.84
71	NK	58D1	189.1	\$327.33	59.2	18.6	7.7	2.7	60.3	1.29	\$1.74
26	Patriot	5082	189.1	\$336.12	58.5	16.9	8.5	3.6	58.3	1.27	\$1.86
74	Wyffels	6570	188.7	\$327.64	57.0	18.4	8.2	3.9	58.3	1.27	\$1.87
40	Patriot	5082	188.5	\$334.57	57.0	17.0	7.9	3.8	58.6	1.26	\$1.84
53	Dekalb	6124	188.0	\$325.44	59.7	18.6	8.5	3.9	57.5	1.28	\$1.88
41	Asgrow	RX634	186.0	\$330.23	57.5	17.0	8.1	3.2	59.6	1.27	\$1.80
73	Wyffels	5541 Bt	185.9	\$320.73	56.9	18.8	8.6	3.6	57.9	1.26	\$1.86
59	Golden Harvest	8977	184.5	\$322.34	56.2	18.0	8.1	3.9	58.9	1.26	\$1.86
37	Patriot	51-140	183.9	\$323.86	57.6	17.5	6.9	3.7	59.1	1.27	\$1.77
82	Crows	441 BT	183.5	\$321.68	57.4	17.8	7.3	3.5	59.8	1.27	\$1.78
44	Patriot	50-921	183.1	\$323.41	57.5	17.3	8.8	3.9	57.9	1.27	\$1.90
68	NK	60-N2	182.1	\$318.21	55.0	18.0	7.5	3.7	59.0	1.26	\$1.81
24	Patriot	5082	180.9	\$318.69	56.6	17.5	8.5	3.6	58.5	1.26	\$1.86
33	NK	58D1-BT-LL	180.3	\$315.16	58.8	18.0	7.8	2.9	59.4	1.27	\$1.76
36	Patriot	5082	180.3	\$318.01	56.6	17.4	7.8	3.5	59.1	1.25	\$1.81
70	NK	59Q9	180.0	\$321.00	59.1	16.7	7.5	3.7	59.6	1.29	\$1.81
81	FS	5632	179.9	\$318.89	57.8	17.1	8.2	3.7	59.1	1.27	\$1.85
65	LG	2569	179.7	\$314.57	57.5	17.9	8.0	3.8	58.7	1.26	\$1.85
27	FS	5308	179.0	\$317.81	57.5	17.0	8.3	3.4	59.1	1.28	\$1.83
55	Asgrow	680 BT	178.7	\$306.88	57.9	19.1	7.1	3.7	59.7	1.29	\$1.79
66	LG	2595	178.6	\$306.62	58.5	19.1	8.6	3.6	57.7	1.27	\$1.86
21	Patriot	5082	178.0	\$313.45	56.6	17.5	8.3	3.6	58.5	1.26	\$1.85
75	Wyffels	4828	177.6	\$319.69	57.6	16.1	8.3	3.3	59.8	1.27	\$1.82
86	Stine	9615 BT	177.3	\$307.45	56.3	18.5	7.4	3.9	59.1	1.28	\$1.82
42	Patriot	5082	176.0	\$311.99	57.5	17.1	8.1	3.6	58.6	1.27	\$1.84
47	Patriot	6120	175.8	\$311.14	56.8	17.2	7.2	3.7	60.0	1.24	\$1.79
64	LG	2585	175.8	\$306.25	56.0	18.2	7.2	4.1	59.5	1.26	\$1.83
72	Wyffels	5460	175.2	\$310.04	56.4	17.2	8.7	3.6	58.3	1.25	\$1.87
23	NK	4575	175.1	\$318.98	57.6	15.3	8.3	3.4	59.0	1.27	\$1.83
35	Crows	4908	174.6	\$314.29	55.3	16.1	7.5	3.8	59.2	1.26	\$1.82
30	Patriot	5082	173.9	\$309.58	57.5	16.8	8.3	3.6	58.6	1.26	\$1.85
39	Wyffels	6980	173.0	\$299.91	57.8	18.5	7.4	3.5	59.3	1.26	\$1.79
78	FS	5308	172.5	\$307.68	58.6	16.7	7.9	3.4	59.8	1.29	\$1.81
31	Patriot	5082 BT	172.1	\$306.46	55.5	16.8	8.7	3.9	58.2	1.25	\$1.90
80	Crows	438 BT	169.3	\$301.51	57.1	16.8	9.3	3.9	58.1	1.26	\$1.93
79	Mycogen	2799	169.2	\$287.30	57.3	19.8	7.7	3.8	58.9	1.29	\$1.83
29	Patriot	50-870	169.2	\$304.93	58.3	16.0	8.4	3.6	58.4	1.26	\$1.85
69	NK	45-T5	168.7	\$307.33	57.7	15.3	8.1	3.5	59.3	1.27	\$1.83
61	Golden Harvest	8562	168.0	\$300.11	57.0	16.6	8.9	3.8	58.5	1.27	\$1.90
32	Patriot	5082	168.0	\$295.49	56.7	17.6	8.0	3.6	58.8	1.26	\$1.83
48	Patriot	51-140	167.9	\$287.83	55.8	19.2	6.9	3.9	58.8	1.26	\$1.79
60	Golden Harvest	8350BT	167.8	\$297.93	58.2	17.0	8.1	4.0	59.1	1.30	\$1.87
34	Patriot	5082	167.6	\$293.85	57.7	17.8	8.3	3.7	58.3	1.27	\$1.86
84	Stine	9614B7	166.3	\$277.30	58.5	20.9	7.3	3.6	59.4	1.29	\$1.79
67	LG	2587	165.4	\$284.93	58.8	18.9	8.0	4.0	58.2	1.28	\$1.86
63	LG	2546	165.1	\$293.88	57.1	16.8	7.7	3.7	59.6	1.28	\$1.82
85	Crows	4140	164.6	\$286.80	56.5	18.2	7.5	3.9	59.5	1.26	\$1.83
77	Mycogen	2852	155.2	\$277.58	56.7	16.5	8.9	3.8	58.4	1.27	\$1.90
56	Golden Harvest	9229	153.6	\$263.00	58.0	19.3	8.2	3.9	58.3	1.29	\$1.87
87	Stine	9615 BT	146.1	\$252.49	56.1	18.7	7.8	3.7	59.0	1.29	\$1.83
25	Patriot	4060	145.0	\$268.47	55.8	14.2	9.0	3.5	58.5	1.28	\$1.88
83	Crows	3425	137.2	\$245.71	60.3	16.4	7.6	3.8	59.7	1.32	\$1.82
76	Cargill	F717	106.1	\$179.66	58.4	20.0	8.3	3.4	57.9	1.28	\$1.83
38	Mycogen	2852				20.3	6.5	3.6	59.3	1.27	\$1.74

Averages⁴	180.5	\$316.61	57.7	17.8	8.0	3.7	58.9	1.27	\$1.83
Standard Deviation⁴	18.5	\$31.74	1.5	1.4	0.6	0.3	0.6	0.01	\$0.04
Maximum⁴	221.4	\$378.23	62.1	20.9	9.3	4.2	60.3	1.32	\$1.93
Minimum⁴	106.1	\$179.66	54.1	14.2	6.5	2.7	57.3	1.24	\$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.

¹ Value is determined by the current price for corn (\$1.83) and a drying charge.

² Reported moisture content and test weight data were provided by the participating plot operator.

³ 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.

⁴ Averages, Standard Deviation, Maximum, and Minimum values were calculated from plot final results.

Ingredient Prices for EPVBF

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