



2003 Strip Plots

ISU Grain Quality Laboratory

Results: Webster County Corn Strip Plot

Hybrids are listed in order from highest to lowest yield.

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	
Pioneer	33B51 Bt	209.8	\$421.38	58.4	17.6	8.3	3.6	61.4	1.29	\$2.11
Wyffels	4823	207.6	\$434.66	57.7	14.5	6.1	3.5	63.6	1.26	\$1.90
DeKalb	60-16 Bt	207.6	\$427.81	58.1	15.7	7.4	3.3	61.6	1.27	\$1.99
Crows	4602 Bt	207.5	\$424.18	57.9	16.3	8.4	3.7	60.3	1.27	\$2.13
Crows	4707 Bt	204.4	\$417.84	58.2	16.3	7.7	3.8	60.8	1.26	\$2.07
Crows	4905 Bt	203.7	\$414.17	57.9	16.7	8.5	4.3	60.6	1.29	\$2.20
DeKalb	50-18 Bt	203.3	\$434.60	57.6	12.9	8.0	3.5	60.7	1.25	\$2.07
Garst	8552 YG	201.9	\$396.63	51.4	19.2	7.7	3.7	61.3	1.25	\$2.06
Wilson	1537 Bt	199.0	\$410.64	57.7	15.6	8.1	3.8	60.4	1.26	\$2.11
Patriot	50-921	196.5	\$404.94	56.5	15.7	8.1	3.9	60.5	1.25	\$2.12
NK	N60N2	196.2	\$413.49	57.6	14.0	7.5	3.4	61.4	1.26	\$2.01
Ottillie	4953 Bt	196.1	\$397.10	56.9	17.0	7.4	3.8	61.3	1.27	\$2.05
Golden Harvest	8803 Bt	196.0	\$410.38	59.3	14.5	8.1	3.7	60.9	1.30	\$2.10
DeKalb	53-32 Bt	195.4	\$415.57	56.6	13.3	8.1	3.3	61.0	1.26	\$2.06
NC+	4413 Bt	195.1	\$399.91	56.7	16.1	8.3	3.6	60.6	1.26	\$2.11
Garst	8566 YG	193.9	\$396.91	56.2	16.2	7.8	4.0	60.5	1.26	\$2.10
Crows	4911 Bt	193.3	\$398.87	57.3	15.6	8.0	3.6	60.8	1.26	\$2.08
Wyffels	5460	193.1	\$393.68	56.1	16.5	8.4	3.7	60.9	1.25	\$2.13
Golden Harvest	9164 Bt	191.8	\$386.29	55.4	17.4	8.1	3.8	60.6	1.26	\$2.11
Midwest Seed Genetics	7622B	190.8	\$392.14	56.5	15.9	8.4	3.4	61.1	1.27	\$2.10
Stine	9616 Bt	190.7	\$392.99	58.2	15.7	7.9	3.8	61.1	1.29	\$2.09
Curry	4833	190.3	\$393.21	56.8	15.5	8.0	3.8	60.6	1.25	\$2.10
Midwest Seed Genetics	7761B	190.2	\$393.52	57.9	15.4	7.9	3.5	61.1	1.26	\$2.06
Curry	7828	189.9	\$390.81	57.5	15.8	7.6	3.6	61.4	1.27	\$2.04
Wilson	1455 Bt	188.4	\$389.80	55.3	15.4	8.9	3.8	60.5	1.24	\$2.18
Wilson	1552 BtYG	188.2	\$382.14	59.1	16.8	8.0	3.7	60.8	1.29	\$2.09
NC+	4141 Bt	187.0	\$386.39	56.3	15.5	8.9	3.7	60.5	1.25	\$2.17
Midwest Seed Genetics	7698B	187.0	\$381.76	57.5	16.4	7.9	3.7	60.5	1.27	\$2.08
Croplan	599 (Avg)	186.9	\$387.20	56.9	15.3	7.5	3.5	61.5	1.25	\$2.02
PSA	7630	186.9	\$381.56	56.8	16.4	8.3	3.6	60.7	1.27	\$2.11
Stauffer	2666	186.5	\$389.46	56.2	14.7	7.4	3.4	61.7	1.27	\$2.00
NC+	3451 Bt	186.2	\$382.69	57.4	15.9	7.8	3.7	60.8	1.28	\$2.07
Mycogen	2G626	185.9	\$393.83	58.3	13.6	9.0	3.5	60.1	1.27	\$2.16
NC+	3721 Bt	184.7	\$389.76	56.1	13.9	8.5	3.5	60.7	1.24	\$2.12
Curry	4886	184.7	\$377.57	57.0	16.3	7.6	3.4	61.7	1.27	\$2.02
Patriot	5121	184.2	\$380.10	56.2	15.6	7.2	3.3	62.0	1.27	\$1.97
Wyffels	3813	184.1	\$383.43	58.4	14.9	8.8	3.4	60.5	1.28	\$2.13
Pioneer	34M95	184.1	\$376.85	58.5	16.2	8.5	3.4	60.4	1.27	\$2.10
Wyffels	6570	183.6	\$378.86	57.1	15.6	7.9	3.4	61.5	1.27	\$2.05
Golden Harvest	8370 Bt	183.5	\$383.19	56.8	14.7	8.9	3.4	60.5	1.25	\$2.14
Stauffer	2699	183.5	\$381.18	56.4	15.1	7.6	3.5	61.6	1.25	\$2.03
NK	59Q9	183.0	\$383.66	57.8	14.4	8.2	3.7	60.8	1.29	\$2.11
Great Lakes	5377	182.9	\$381.94	58.9	14.7	7.8	3.5	61.0	1.28	\$2.05
Midwest Seed Genetics	7494B	182.7	\$376.00	58.4	15.8	8.3	3.5	60.7	1.28	\$2.10
Mycogen	2652	182.2	\$386.99	55.3	13.4	8.5	3.5	60.7	1.24	\$2.12
Stauffer	2711	182.2	\$370.46	56.4	16.7	7.4	3.5	61.6	1.28	\$2.01
Stauffer	2705	181.6	\$370.74	56.5	16.4	7.6	3.5	61.1	1.26	\$2.03
NK	45A6	179.0	\$381.67	57.8	13.1	8.0	3.8	60.7	1.26	\$2.10
Wilson	1566 Bt	178.1	\$368.00	57.0	15.5	8.1	3.6	60.9	1.26	\$2.09
Great Lakes	5300 Bt	178.0	\$374.16	58.4	14.2	8.9	3.4	60.3	1.28	\$2.14
Ottillie	4777 Bt	177.9	\$362.20	56.7	16.6	8.5	3.6	60.8	1.25	\$2.13
Pioneer	34H31	177.0	\$367.19	61.5	15.2	8.6	2.9	61.2	1.31	\$2.06
Garst	8461	176.7	\$340.32	52.2	20.6	7.7	3.6	61.3	1.26	\$2.05
NK	N65Y3	176.0	\$362.21	61.0	15.8	8.1	3.4	61.5	1.30	\$2.07
Ottillie	5334 Bt	175.5	\$351.53	57.0	17.8	7.3	3.6	61.3	1.27	\$2.02
Pioneer	35V65	174.6	\$367.97	58.1	14.0	8.2	3.1	61.4	1.29	\$2.05
Ottillie	4707	173.8	\$366.28	56.6	14.0	8.2	3.5	60.3	1.25	\$2.09
Mycogen	5320 Bt	173.8	\$365.81	57.3	14.1	8.7	3.8	59.9	1.27	\$2.17
Patriot	50-833	173.7	\$359.39	55.3	15.4	7.7	3.6	61.3	1.25	\$2.05
Golden Harvest	8913 Bt	171.8	\$353.56	57.5	15.8	8.4	3.4	60.8	1.25	\$2.10
PSA	7551IT	170.6	\$347.81	54.9	16.5	7.9	3.6	61.2	1.24	\$2.07
Garst	8454	170.6	\$341.24	55.6	17.9	7.9	3.5	61.5	1.28	\$2.06
Great Lakes	5555 Bt	169.8	\$349.45	57.2	15.8	8.2	3.5	61.4	1.27	\$2.09
Patriot	50-771	168.8	\$358.53	55.8	13.4	7.4	3.2	62.2	1.27	\$1.98
Stine	9615 Bt	167.8	\$345.79	57.4	15.7	8.3	3.9	60.7	1.29	\$2.14
Great Lakes	5961	166.5	\$345.40	56.1	15.2	7.7	3.6	61.8	1.26	\$2.05
Mycogen	6920 Bt	164.6	\$312.04	52.7	21.7	8.2	3.5	61.1	1.27	\$2.09
Curry	7548	164.2	\$349.66	57.7	13.2	7.9	3.6	60.6	1.27	\$2.07
Stine	9619 Bt	159.0	\$321.54	55.6	17.1	8.4	3.9	60.7	1.26	\$2.15
PSA	4727 Bt	157.1	\$312.94	56.7	18.2	8.1	3.6	61.3	1.28	\$2.09

Averages⁴	184.8	\$380.89	57.0	15.7	8.0	3.6	61.0	1.27	\$2.08
Standard Deviation⁴	12.0	\$26.27	1.6	1.6	0.5	0.2	0.6	0.02	\$0.05
Maximum⁴	209.8	\$434.66	61.5	21.7	9.0	4.3	63.6	1.31	\$2.20
Minimum⁴	157.1	\$312.04	51.4	12.9	6.1	2.9	59.9	1.24	\$1.90

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.

Ingredient Prices for EPVBF

Com (\$ / bu.)	2.08
White Grease (\$ / lb.)	0.19
DDG (\$ / ton)	95
48% Soy Meal (\$ / ton)	205

¹ Value is determined by the current price for corn (\$2.08) and a drying charge.

² Field moisture content and test weight data were provided by the ISU Grain Quality Laboratory.

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.