



2006 Strip Plots

ISU Grain Quality Laboratory

Results: Black Hawk County

Hybrids are listed in order from highest to lowest yield.

Company	Hybrid	Yield ¹ (Bu. / A.)	Value ² (\$ / A.)	Test Wt. ³ (lb. / Bu.)	Field Moisture ³ (%)	Protein (%)	Oil (%)	Starch (%)	Density (g. / cc)	EPVBF ⁴ (\$ / Bu.)
Long Term Iowa Averages:										
						8.0	3.6	60.0	1.27	
Crows	4940T RR	241.5	\$394.98	55.5	21.7	6.8	3.4	60.4	1.26	\$3.13
Ag Venture	AV8440CB	238.8	\$380.15	54.7	23.3	6.9	3.6	59.7	1.24	\$3.16
Mycogen	2T780HX	238	\$377.54	52.9	23.5	6.4	3.3	60.6	1.27	\$3.11
Midwest	77323T YGRRRW	236.7	\$387.87	55	21.6	6.7	3.3	60.4	1.25	\$3.12
Midwest	79204 YGRRRW	235.4	\$374.67	53.2	23.3	7	3.6	59.5	1.24	\$3.16
LG Seeds	LG2545BT	232.7	\$385.18	53.8	21	7	3.7	60.3	1.24	\$3.17
Great Lakes	6321BTRR	232.7	\$363.43	53.7	24.4	6.5	3.3	60.2	1.26	\$3.11
Pioneer	33D13	230.8	\$380.71	55.3	21.2	7.4	3.5	60.2	1.29	\$3.17
Latham	L6610BT	230.3	\$383.63	54.3	20.6	6.4	3.5	60.5	1.25	\$3.12
AgriGold	A4509BT	229.4	\$378.31	53.1	21.2	7.1	3.6	60.1	1.26	\$3.17
AgriGold	A6474BT	228.8	\$381.80	54.9	20.5	7.7	3.6	60	1.30	\$3.20
Dekalb	DKC57-79YG+RR	228.6	\$398.47	59	17.8	7.3	3.7	60.7	1.28	\$3.19
Northrup King	N67-W5CB	228.1	\$385.59	56.4	19.7	6.8	3.5	60.8	1.24	\$3.14
Dekalb	DKC60-18YG+RR	227.3	\$385.59	56.3	19.5	6.9	3.4	61.3	1.26	\$3.14
Asgrow	RX674RR2	227	\$383.80	55.9	19.7	7.3	3.7	60.1	1.28	\$3.19
LG Seeds	LG2540BT	226.5	\$373.62	54.7	21.2	7.4	3.6	59.8	1.27	\$3.18
Great Lakes	5711BT	225.1	\$371.34	52.7	21.2	7.3	3.8	59.8	1.25	\$3.19
Epley	E3454	225.1	\$377.44	55.9	20.2	7.6	3.5	60.2	1.29	\$3.18
Mycogen	2M747HX	224.6	\$368.60	54.8	21.5	7.7	3.8	59.4	1.28	\$3.21
Legend Seeds	LS5512BT	221.7	\$372.45	55.7	20.1	6.8	3.5	60.7	1.25	\$3.14
Pioneer	34A18	221.5	\$365.90	57.6	21.1	7.6	3.3	60.1	1.31	\$3.16
Ag Venture	AV7515CB	219.9	\$377.89	57	18.7	6.5	3.5	61.5	1.27	\$3.13
Northrup King	N68-B8 CB	218.3	\$362.49	55.4	20.8	6.8	3.5	60.2	1.23	\$3.14
Epley	E3672 YGPL	218.1	\$346.63	53	23.4	6.6	3.3	60.5	1.26	\$3.12
Crows	4290T RR	217.2	\$374.97	57.5	18.4	6.7	3.5	61.2	1.26	\$3.14
Asgrow	RX655RR2	214.2	\$379.33	57.8	16.8	6.6	3.7	61.8	1.29	\$3.15
Wyffels	W7125HX	212.3	\$350.13	54.2	21.2	7.4	3.8	59.9	1.29	\$3.20
Ag Vantage FS	4475YG	210.9	\$368.10	57.8	17.7	6.8	3.5	61.1	1.26	\$3.14
Ag Vantage FS	4475YG	210.7	\$367.88	56.8	17.7	7.1	3.6	61	1.26	\$3.17
Wyffels	W3945HX	210.5	\$373.24	57.8	16.7	7.2	3.4	61.3	1.27	\$3.15
Latham	LH5555BT	209.8	\$364.00	57	18.1	7	3.5	61	1.27	\$3.15
Cornelius	C447RWRR	208.7	\$367.14	56.8	17.2	7	3.3	61.9	1.29	\$3.13
Cornelius	C592	205	\$356.17	56	18	7.1	3.7	60.5	1.24	\$3.18
Legend Seeds	S5406BT	203.6	\$351.58	56.4	18.4	7.1	3.6	60.6	1.26	\$3.17

Check Variety Information: (average values for check strips)										
AgVantage FS4475YG	Check 1 & 9.5	203.6	351.58	56.4	18.4	7.1	3.6	60.6	1.26	\$3.17
FS 4475YG	Other Checks	211.61	368.89	57.74	17.79	6.96	3.56	61.06	1.27	\$2.82

Averages⁵	223.2	\$373.84	55.6	20.2	7.0	3.5	60.5	1.27	\$3.16
Standard Deviation⁵	10.3	\$12.00	1.7	2.1	0.4	0.2	0.6	0.02	\$0.03
Maximum⁵	241.5	\$398.47	59.0	24.4	7.7	3.8	61.9	1.31	\$3.21
Minimum⁵	203.6	\$346.63	52.7	16.7	6.4	3.3	59.4	1.23	\$3.11

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 Yield is check-adjusted in plots with check strips.
² Value is determined by the current price for corn (\$1.82) and a drying charge.
³ Field moisture content and test weight data were provided by the participating plot operator.
⁴ 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.
⁵ 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.)	3.21
White Grease (\$ / lb.)	0.16
DDG (\$ / ton)	85
48% Soy Meal (\$ / ton)	183.6