



2005 Strip Plot Variety Trials

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	1.270	
Ag Vantage FS	FS 5586 HX1	236.6	\$419.54	60.0	16.7	7.8	3.2	61.2	1.281	\$1.77
Agrigold	A6395 BT	235.4	\$416.79	57.6	16.8	6.5	3.2	62.1	1.248	\$1.68
Asgrow	RX674 RR2	234.0	\$417.46	57.1	16.3	7.3	3.6	61.1	1.267	\$1.77
DeKalb	DKC 6172 RR	229.6	\$409.69	59.0	16.3	7.9	3.3	60.9	1.283	\$1.78
LG	2540 BT	229.4	\$409.88	56.8	16.2	6.7	3.3	61.8	1.249	\$1.70
Pioneer	33A87 HX	227.8	\$388.98	58.9	19.1	7.5	3.6	60.9	1.287	\$1.79
Pioneer	34A16 HX	225.3	\$394.59	60.4	17.5	7.3	3.5	61.3	1.279	\$1.76
Northrup King	N67-W5	225.1	\$403.54	58.4	16.0	6.9	3.1	61.9	1.259	\$1.70
LG	2540 BT	223.9	\$395.85	58.0	16.9	7.1	3.5	61.1	1.260	\$1.75
Great Lakes	5961 BT	223.6	\$394.61	57.7	17.0	6.5	3.2	62.1	1.253	\$1.68
Great Lakes	6518 BT	222.0	\$380.76	57.6	18.8	6.6	3.4	61.7	1.272	\$1.70
Legends Seeds	LS 5611BT	220.6	\$382.08	58.9	18.2	6.7	3.5	61.5	1.282	\$1.72
Ag Venture	AV 743 CB	219.5	\$391.07	58.7	16.4	7.2	3.4	61.3	1.254	\$1.74
Asgrow	RX702 YG	219.1	\$391.59	60.7	16.2	7.7	3.4	61.3	1.302	\$1.78
Agrigold	A6333 BT	218.5	\$389.90	57.8	16.3	6.9	3.2	61.9	1.259	\$1.70
Cornelius	C635YG	217.5	\$388.75	59.0	16.2	7.0	3.5	61.4	1.262	\$1.74
DeKalb	57-84 Y6	217.0	\$392.03	59.1	15.5	7.5	3.6	60.9	1.280	\$1.79
Northrup King	N60-B6	216.6	\$387.06	55.4	16.2	6.7	3.1	62.2	1.248	\$1.68
Cornelius	C592RRY6	214.7	\$381.83	57.4	16.5	7.0	3.7	61.3	1.238	\$1.76
Crows	2780 B	213.4	\$383.02	59.1	15.9	7.2	3.5	61.4	1.271	\$1.75
Ag Vantage FS	FS 4453	213.2	\$383.35	57.9	15.8	6.8	3.4	62.2	1.259	\$1.72
Crows	5060	213.1	\$372.69	57.1	17.6	7.5	3.7	60.6	1.283	\$1.79
Wyffels	W7260	212.9	\$368.76	59.5	18.2	7.4	3.3	61.5	1.306	\$1.75
Latham	LH 6443 RRB	211.0	\$365.42	58.7	18.2	6.8	3.1	62.1	1.278	\$1.69
Epley	E3454	210.5	\$365.78	59.8	18.0	7.3	3.3	61.4	1.297	\$1.74
Epley	E 3670 YGCB	209.4	\$365.65	57.4	17.7	6.5	3.1	62.3	1.271	\$1.67
Wyffels	W6330	209.3	\$374.58	57.7	16.1	7.3	3.2	61.6	1.278	\$1.73
Latham	LH 5353 RRB	207.7	\$371.14	59.4	16.2	7.3	3.4	61.3	1.283	\$1.75
Legends Seeds	LS 5507 BT	205.0	\$369.06	56.4	15.7	7.3	3.6	60.9	1.219	\$1.77
Ag Venture	AV 777 CB	201.9	\$356.99	57.9	16.9	7.1	3.3	61.7	1.267	\$1.73
Check Variety Information: (average values for check strips)										
Agrigold	A6395 (check)	293.2	\$527.69	57.2	15.7	6.8	3.2	61.9	1.253	\$1.70
Averages⁵		218.8	\$387.08	58.3	16.8	7.1	3.4	61.5	1.269	\$1.74
Standard Deviation⁵		9.0	\$16.73	1.2	1.0	0.4	0.2	0.5	0.019	\$0.04
Maximum⁵		236.6	\$419.54	60.7	19.1	7.9	3.7	62.3	1.306	\$1.79
Minimum⁵		201.9	\$356.99	55.4	15.5	6.5	3.1	60.6	1.219	\$1.67

**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	
Corn (\$ / bu.)	1.82
White Grease (\$ / lb.)	0.17
DDG (\$ / ton)	70
48% Soy Meal (\$ / ton)	165

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
⁵ Averages, Standard Deviation, Maximum, and Minimum values were calculated from plot final results, not