



2000 Strip Plots

ISU Grain Quality Laboratory

Results Bremer County Corn Test Plot

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.)
---------	--------	------------------------------------	-----------------------------------	--	--------------------------------------	------------------	--------------	-----------------	------------------------	------------------------------------

Avg Term Iowa Averages:					8.0	3.6	60.0	1.27		
Pioneer	34G82	189.6	\$235.50	58.5	17.1	6.7	3.2	60.8	1.25	1.19
Dairyland Stealth	1412	189.1	\$236.99	57.4	16.7	6.4	3.4	60.9	1.24	1.18
Ag Venture	AV 683 Bt	188.5	\$231.11	56.7	17.7	6.6	3.5	60.2	1.21	1.20
Wyffels	W4828	186.2	\$242.01	57.0	15.0	6.9	3.2	60.9	1.25	1.20
Trelay	SP 793	183.9	\$226.94	57.6	17.4	6.7	3.2	60.7	1.24	1.19
Midwest	67637Bt	182.5	\$224.73	57.6	17.5	NO DATA				
Midwest	67711Bt	182.3	\$216.48	59.0	19.1	6.3	3.4	60.7	1.25	1.17
Trelay	7638 Bt	182.2	\$224.89	58.6	17.4	7.1	3.3	60.1	1.21	1.22
Pfister	2295	182.1	\$228.26	59.4	16.7	6.9	3.4	60.6	1.26	1.21
Merschman	M9110	179.4	\$209.56	55.2	19.8	6.5	3.6	60.2	1.23	1.19
Ag Venture	AV717 Bt	178.0	\$216.70	57.8	18.0	7.2	3.3	59.7	1.25	1.23
Agri Pro	AP9466	177.8	\$213.07	57.9	18.7	7.3	3.9	59.1	1.22	1.26
Dairyland Stealth	1507	177.0	\$220.81	56.5	16.9	7.1	3.7	59.9	1.22	1.24
Cargill	6888	176.1	\$206.16	61.2	19.7	6.5	3.5	60.8	1.24	1.19
Wyffels	W5540	176.0	\$221.59	57.4	16.5	7.2	3.6	59.9	1.25	1.24
Epley Bros.	E 2433	175.6	\$219.11	59.5	16.9	7.0	3.2	60.6	1.26	1.21
Gold Country	X39704	174.3	\$227.54	59.0	14.8	6.7	3.6	61.1	1.28	1.21
Agri Pro	AP9565	173.3	\$208.64	56.9	18.5	6.4	3.4	60.9	1.25	1.18
Cornelius	C443	172.8	\$215.63	57.5	16.9	7.2	3.4	60.2	1.25	1.23
Prairie Gold	PG1632	171.5	\$207.81	58.8	18.2	6.8	3.5	60.3	1.22	1.21
LG	L62569	171.0	\$211.44	60.6	17.3	7.6	3.6	59.4	1.25	1.27
Fontanelle	F4990	168.4	\$204.54	59.8	18.1	7.0	3.7	60.2	1.23	1.23
NK	N58D1	167.5	\$215.92	58.1	15.4	7.0	3.0	60.5	1.25	1.20
Pioneer	34R07	167.3	\$206.44	58.6	17.4	6.8	3.5	60.1	1.26	1.21
Golden Harvest	H7895	166.7	\$205.77	58.6	17.4	7.6	3.3	58.7	1.24	1.26
NK	NX4528	165.9	\$217.95	56.9	14.5	6.4	3.5	61.1	1.26	1.18
Cargill	5320 Bt	165.8	\$203.72	58.7	17.6	7.0	3.6	59.7	1.22	1.23
Cornelius	C369	164.7	\$205.92	58.5	16.8	7.3	3.4	60.1	1.27	1.24
Prairie Gold	PG1634	164.0	\$200.63	56.7	17.8	6.6	3.4	60.9	1.23	1.19
LG	L62512	163.1	\$210.29	58.1	15.4	6.5	3.7	61.0	1.28	1.20
Fontanelle	P249	162.0	\$186.57	58.4	20.4	6.8	3.3	59.8	1.26	1.20
Golden Harvest	H8250	160.6	\$210.60	58.9	14.6	6.6	3.8	61.1	1.28	1.21
Asgrow	RX50849	160.2	\$203.46	56.3	16.1	7.4	3.2	60.5	1.26	1.24
Epley Bros.	E 2414	160.1	\$206.36	59.1	15.4	6.5	3.3	61.4	1.21	1.18
Dekalb	DKC5852	156.4	\$201.63	57.1	15.4	6.5	3.4	61.6	1.26	1.18
Gold Country	X60002	154.2	\$206.85	58.6	13.5	6.4	3.4	61.7	1.27	1.18
Pfister	2025	147.3	\$185.46	56.4	16.5	7.2	3.5	60.2	1.23	1.24
Merschman	M8105	131.7	\$165.80	58.4	16.5	7.3	3.4	60.2	1.22	1.24

Check Variety Information: (average values for check strips)

Asgrow	RX730YGAF	190.3	\$229.55	57.9	18.4	6.5	3.5	60.3	1.25	1.19
--------	-----------	-------	----------	------	------	-----	-----	------	------	------

Averages ⁵	170.9	212.71	57.6	17.0	6.9	3.4	60.4	1.24	1.21
Standard Deviation ⁵	12.1	14.67	3.3	1.5	0.4	0.2	0.7	0.02	0.03
Maximum ⁵	189.6	242.01	61.2	20.4	7.6	3.9	61.7	1.28	1.27
Minimum ⁵	131.7	165.80	39.4	13.5	6.3	3.0	58.7	1.21	1.17

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.)	1.30
White Grease (\$ / lb.)	0.08
DDG (\$ / ton)	88
48% Soy Meal (\$ / ton)	147.5

¹ Yield is check-adjusted in plots with check strips.
² Value is determined by the current price for corn (\$1.30) and a drying charge.
³ Reported 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).