



2004 Strip Plots

ISU Grain Quality Laboratory

Results: Iowa Central Community College Non-Round up Corn 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.)	
				Long Term Iowa Averages:				8.0	3.6	60.0	1.27
Agri-Gold	6395	220.7	\$357.41	53.8	22.3	7.1	3.4	62.7	1.25	\$1.74	
PSA	4505Bt	213.9	\$361.62	57.0	19.7	7.3	3.9	61.2	1.27	\$1.80	
Pioneer	34M95	213.1	\$356.77	54.6	20.3	6.6	3.6	60.8	1.26	\$1.73	
Crows	4905	207.8	\$338.73	54.4	21.9	7.2	3.8	62.0	1.26	\$1.78	
Crows	438	206.8	\$355.97	56.9	18.6	7.0	3.6	62.2	1.27	\$1.75	
NK	N46-J7	204.1	\$348.50	57.7	19.1	7.7	3.7	61.2	1.28	\$1.81	
Crows	4911	204.1	\$337.79	55.3	21.0	7.8	3.7	61.3	1.25	\$1.82	
NK	NX6172	203.2	\$346.90	56.3	19.1	7.3	3.9	61.5	1.29	\$1.80	
Garst	8424	202.0	\$334.39	54.0	21.0	6.9	3.6	62.4	1.25	\$1.75	
Wilson	1419	201.4	\$339.37	56.6	19.9	6.9	3.5	60.5	1.25	\$1.74	
Croplan	691	201.4	\$336.02	54.2	20.5	6.8	3.7	62.1	1.24	\$1.75	
PSA	7547YG	200.1	\$343.26	56.4	18.8	7.0	3.8	60.0	1.27	\$1.77	
Crows	2780	198.3	\$333.70	56.5	20.0	7.0	3.7	61.6	1.26	\$1.76	
Triton	9461	196.8	\$335.38	55.0	19.2	6.9	3.4	61.1	1.27	\$1.73	
Dekalb	54-51	196.4	\$330.48	58.0	20.0	6.5	3.1	61.8	1.27	\$1.68	
Pioneer	34G11	195.9	\$330.08	57.0	19.9	7.7	3.4	60.3	1.27	\$1.78	
NC+	4783	195.9	\$323.19	54.7	21.2	6.5	3.2	61.4	1.27	\$1.69	
NC+	4823	195.9	\$332.80	55.3	19.4	6.6	3.3	61.3	1.27	\$1.70	
Wilson	1775	195.0	\$338.88	58.9	18.0	7.6	3.5	60.6	1.28	\$1.78	
PSA	7551	194.4	\$318.98	55.0	21.5	7.4	3.6	61.9	1.24	\$1.78	
Curry	7834	193.6	\$328.94	57.1	19.4	7.0	3.0	61.4	1.28	\$1.70	
Stauffer	2585	193.6	\$314.57	54.5	22.1	6.2	3.2	61.9	1.28	\$1.67	
NC+	3534	193.0	\$328.50	55.7	19.3	6.7	4.0	60.3	1.26	\$1.77	
PSA	7662YG	192.6	\$322.00	57.5	20.4	7.8	3.6	61.0	1.27	\$1.81	
NC+	4492	191.3	\$325.05	54.9	19.4	6.7	3.6	60.7	1.26	\$1.73	
Legend	5406Bt	191.0	\$324.50	57.3	19.4	6.9	3.3	61.3	1.28	\$1.72	
Golden Harvest	8803Bt	190.3	\$326.39	56.7	18.8	6.8	3.8	61.9	1.27	\$1.76	
Agri-Gold	6333Bt	190.2	\$316.39	53.8	20.7	6.9	3.7	62.7	1.26	\$1.76	
NK	60-B6	189.8	\$299.04	54.5	23.9	7.2	4.1	61.9	1.26	\$1.81	
Agri-Gold	6395Bt	187.9	\$317.63	55.7	19.7	6.9	3.6	62.6	1.26	\$1.75	
Legend	9611Bt	187.8	\$309.32	54.5	21.3	6.6	3.4	61.0	1.25	\$1.71	
Legend	5407Bt	187.4	\$294.21	54.8	24.1	7.0	3.6	61.8	1.27	\$1.75	
Stauffer	2711	185.8	\$327.42	57.2	17.1	6.7	3.8	61.2	1.26	\$1.75	
Golden Harvest	9164Bt	184.9	\$320.19	57.0	18.2	6.9	3.9	62.2	1.27	\$1.77	
Wilson	1537	184.4	\$318.36	57.7	18.4	7.2	3.8	60.8	1.29	\$1.78	
Pioneer	35Y67	183.8	\$311.24	56.1	19.6	8.0	3.5	60.0	1.26	\$1.81	
Pioneer	34M93	183.5	\$310.34	57.5	19.7	7.3	3.2	60.8	1.28	\$1.74	
Wilson	1566	183.2	\$292.08	53.0	23.2	6.5	3.2	61.6	1.26	\$1.69	
Triton	9564	183.0	\$317.47	57.7	18.1	6.9	3.4	61.3	1.29	\$1.73	
Wilson	1572	182.4	\$312.85	56.7	18.8	6.7	3.6	61.2	1.26	\$1.73	
Golden Harvest	7663Bt	180.3	\$287.99	52.4	23.1	7.0	3.7	62.1	1.23	\$1.76	
Dekalb	58-78	180.0	\$307.28	54.4	19.1	6.2	3.3	61.9	1.25	\$1.67	
Garst	8552YG	178.8	\$300.39	55.1	20.1	6.8	3.4	62.5	1.25	\$1.72	
Dekalb	60-16	178.3	\$316.21	60.3	16.7	6.8	3.4	61.7	1.27	\$1.72	
Legend	5410Bt	177.3	\$298.79	55.0	19.9	6.8	3.3	61.2	1.27	\$1.71	
Stauffer	2207Bt	176.5	\$295.10	54.7	20.4	7.1	3.4	60.9	1.25	\$1.74	
Stauffer	2647Bt	174.9	\$293.83	52.1	20.1	7.2	3.8	60.3	1.26	\$1.78	
NK	70-F1	174.0	\$303.21	56.2	17.8	6.5	3.7	61.4	1.27	\$1.73	
Dekalb	50-18	173.5	\$301.04	57.3	18.1	6.8	3.4	61.5	1.27	\$1.72	
Curry	7423	172.7	\$288.71	54.1	20.4	6.8	3.3	60.8	1.27	\$1.71	
Great Lakes	5555	171.2	\$304.52	57.3	16.5	7.4	3.5	61.2	1.26	\$1.77	
Mycogen	2K690 Cruise	171.0	\$292.80	54.6	18.9	6.3	3.1	61.7	1.24	\$1.66	
Garst	8350YG	169.8	\$265.08	53.9	24.4	7.4	3.5	62.8	1.24	\$1.77	
NK	N50-P5	169.4	\$299.95	58.1	16.8	7.4	4.0	61.3	1.28	\$1.81	
Ottillie	4953YGCB	168.2	\$282.48	54.7	20.1	7.2	3.1	60.8	1.24	\$1.72	
Mycogen	2G626 Cruise	165.4	\$277.40	54.4	20.2	6.5	3.3	60.9	1.26	\$1.69	
Ottillie	5267Bt	165.4	\$274.61	53.7	20.8	6.7	3.5	60.5	1.24	\$1.72	
Garst	8545	165.2	\$287.44	55.6	17.9	7.2	3.6	62.3	1.27	\$1.77	
Great Lakes	5873Bt	160.8	\$254.70	53.0	23.6	6.7	3.5	61.0	1.27	\$1.72	
Ottillie	4777Bt	160.6	\$258.78	53.2	22.6	7.3	3.7	60.9	1.26	\$1.78	
Mycogen	2E633 Cruise	159.1	\$267.20	54.2	20.1	6.7	3.7	60.3	1.28	\$1.74	
Mycogen	2A644 Cruise	148.7	\$252.69	54.8	19.4	7.1	3.6	60.2	1.27	\$1.76	

Great Lakes	5961Bt	144.8	\$243.99	52.8	19.9	6.5	3.3	60.9	1.25	\$1.69
Great Lakes	5088Bt	139.5	\$232.38	54.8	20.6	6.8	3.1	61.1	1.29	\$1.70
Ottilie	5006YGCB	136.7	\$226.62	54.2	20.9	6.6	3.4	60.8	1.26	\$1.71
Check Variety Information: (average values for check strips)										
Croplan	599	188.6	\$318.76	55.7	19.7	7.0	3.7	61.2	1.27	\$1.76
Averages ⁵										
		184.1	\$309.69	55.5	20.0	7.0	3.5	61.3	1.26	\$1.74
		17.5	\$30.47	1.7	1.8	0.4	0.2	0.7	0.01	\$0.04
		220.7	\$361.62	60.3	24.4	8.0	4.1	62.8	1.29	\$1.82
		136.7	\$226.62	52.1	16.5	6.2	3.0	60.0	1.23	\$1.66

**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).

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Ingredient Prices for EPVBF	
Corn (\$ / bu.)	1.82
White Grease (\$ / lb.)	0.155
DDG (\$ / ton)	100
48% Soy Meal (\$ / ton)	160