



2004 Strip Plots

ISU Grain Quality Laboratory

Results: Linn County 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	
Cornbelt Hybrids	C-595	198.6	\$335.17	56.5	19.8	7.7	3.6	60.4	1.29	\$1.80
AgriGold	6395	189.4	\$318.18	56.4	20.1	7.5	3.7	60.3	1.31	\$1.80
NC+	4783BT	183.2	\$311.28	56.8	19.4	7.5	3.8	60.4	1.27	\$1.80
Cornelius	C-605YG	180.8	\$300.71	55.2	20.7	7.5	3.8	60.7	1.27	\$1.80
Croplan Genetics	693BT	179.2	\$304.50	56.6	19.4	7.5	3.9	60.4	1.28	\$1.81
AgVenture	AV 743CB	178.5	\$290.49	54.9	22.0	7.0	3.6	60.5	1.25	\$1.75
FS Seeds	FS-6485	178.2	\$300.28	56.6	19.9	7.3	4.0	60.3	1.27	\$1.81
Pioneer	33B51	173.3	\$286.79	58.4	21.0	6.9	3.3	61.9	1.30	\$1.72
LG Seed	2540BT	173.2	\$291.44	56.2	20.0	6.9	3.5	61.3	1.26	\$1.74
Stine	9803YG	171.2	\$279.98	57.0	21.7	7.4	3.6	60.1	1.29	\$1.78
A+ Seeds	6108	171.1	\$283.59	57.1	20.9	7.4	3.7	60.1	1.29	\$1.79
Pioneer	33P67	170.9	\$279.57	58.8	21.7	7.2	3.5	61.5	1.31	\$1.76
Dekalb	DK-61-43	170.8	\$274.21	55.6	22.8	6.9	3.1	61.8	1.26	\$1.70
Hermann's	H-115	170.1	\$280.58	55.5	21.2	7.2	3.7	60.8	1.26	\$1.78
Phister	2550	169.0	\$276.85	56.9	21.6	7.4	3.7	60.3	1.28	\$1.79
LG Seed	2633BT	168.0	\$275.67	55.4	21.5	7.5	3.9	61.0	1.27	\$1.81
NC+	5193BT	167.3	\$274.18	56.5	21.6	8.1	3.7	60.2	1.29	\$1.84
Kaltenberg	K-6734BT	166.5	\$285.25	55.9	18.9	6.9	3.3	61.2	1.25	\$1.72
Hobart Bros.	4411	166.4	\$267.15	55.3	22.8	7.5	3.6	60.8	1.28	\$1.79
Renk	RK-870YGCB	166.3	\$279.40	55.9	20.1	7.4	3.5	61.4	1.27	\$1.77
Renk	RK-789YGCB	165.7	\$281.98	57.0	19.3	7.9	3.8	60.5	1.27	\$1.83
A+ Seeds	6109	165.6	\$275.81	55.6	20.6	6.9	3.7	60.7	1.28	\$1.76
Naylor Seeds	NS-7505	165.5	\$280.80	56.8	19.5	7.0	3.4	61.3	1.28	\$1.74
Golden Harvest	H-9393BT	161.5	\$249.92	56.0	24.9	6.8	3.4	61.2	1.27	\$1.72
Stine	9720YG	160.7	\$265.96	56.2	21.0	6.8	3.4	61.5	1.27	\$1.72
Wilson	1537BT	159.1	\$268.58	56.7	19.8	7.5	3.4	60.8	1.27	\$1.77
Crows	4911BT	158.2	\$266.10	56.7	20.0	7.0	3.3	61.4	1.28	\$1.73
Wyffels	W-7273	157.9	\$266.05	55.6	19.9	7.5	3.8	60.3	1.27	\$1.80
Rainbow	3099YGCB	157.0	\$259.35	55.4	21.1	7.0	3.2	61.9	1.27	\$1.72
Hobart Bros.	4412	156.0	\$243.11	54.4	24.5	7.8	4.1	60.6	1.28	\$1.85
Marks	03BT109	155.9	\$268.34	56.6	18.6	7.6	3.4	61.1	1.28	\$1.78
Hermann's	H-91	154.4	\$262.32	55.6	19.4	7.2	3.6	60.6	1.27	\$1.77
Fontanelle	7638YGCB	152.9	\$260.26	54.5	19.3	7.7	3.4	61.5	1.25	\$1.78
Fontanelle	7951YGCB	152.8	\$253.77	54.9	20.8	7.0	3.5	61.8	1.27	\$1.74
Garst	8541YG	152.3	\$254.56	56.8	20.4	7.5	3.6	61.1	1.28	\$1.79
Ottillie RO	5476YGCB	149.8	\$238.78	55.1	23.2	6.9	3.6	61.9	1.26	\$1.75
Golden Harvest	H-9006BT	146.6	\$244.71	57.3	20.5	7.1	3.6	61.3	1.27	\$1.76
AgVenture	Av 783CB	146.0	\$237.62	56.7	22.0	7.8	3.6	60.1	1.30	\$1.81
Cornelius	C-635YG	144.7	\$243.48	55.7	20.0	7.3	3.8	61.7	1.27	\$1.79
High Cycle	7748BT	144.6	\$240.95	55.9	20.6	7.5	3.7	60.1	1.28	\$1.80
Rainbow	3105YGCB	144.3	\$237.16	56.5	21.4	7.2	3.9	61.3	1.27	\$1.79
Ottillie RO	4777YGCB	143.8	\$244.30	54.8	19.4	7.6	3.8	61.1	1.24	\$1.81
Marks	03BT110	143.7	\$239.75	55.8	20.5	7.2	3.9	60.6	1.27	\$1.79
AgriGold	6467BT	139.9	\$231.45	57.0	21.0	7.9	3.5	60.5	1.30	\$1.80
Dekalb	Dk-52-45	139.7	\$250.43	56.4	16.0	7.4	3.2	61.9	1.26	\$1.75
Phister	2656	139.5	\$231.69	56.4	20.8	7.5	3.7	60.7	1.28	\$1.80
Cornbelt Hybrids	C-545	137.0	\$239.21	60.9	17.7	7.8	3.3	60.8	1.29	\$1.78
Croplan Genetics	691BT	132.8	\$216.42	55.4	21.9	7.2	3.4	60.9	1.26	\$1.75
High Cycle	7782BT	132.5	\$222.48	57.4	20.1	8.0	3.5	60.6	1.29	\$1.81
Naylor Seeds	NS-7606	131.5	\$223.81	56.9	19.3	6.9	3.3	61.7	1.27	\$1.72
Crows	4635BT	131.2	\$222.26	56.8	19.6	7.0	3.4	61.4	1.28	\$1.74
Kaltenberg	K-6767BT	130.6	\$223.34	55.2	19.0	7.5	3.5	60.7	1.25	\$1.78
Garst	8350YG	128.6	\$199.42	56.5	24.8	7.4	3.6	61.2	1.27	\$1.78
Wyffels	W-6573	125.8	\$214.83	55.8	19.1	7.1	3.5	61.0	1.27	\$1.75
FS Seeds	FS-6465	114.4	\$193.03	57.2	19.8	7.2	3.6	61.0	1.27	\$1.77
Wilson	1566BT	104.7	\$176.68	56.7	19.8	7.1	3.4	61.2	1.27	\$1.74
Check Variety Information: (average values for check strips)										
LG Seed	2622BT	152.4	\$242.67	53.8	23.3	7.3	3.7	61.4	1.26	\$1.78
Averages⁵		155.7	\$259.36	56.3	20.6	7.3	3.6	61.0	1.27	\$1.77
Standard Deviation⁵		18.9	\$31.58	1.1	1.6	0.3	0.2	0.5	0.01	\$0.03
Maximum⁵		198.6	\$335.17	60.9	24.9	8.1	4.1	61.9	1.31	\$1.85
Minimum⁵		104.7	\$176.68	54.4	16.0	6.8	3.1	60.1	1.24	\$1.70

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