



2020 Irrigated Corn Hybrid Plot Results

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County/Location:	Jefferson County, 1.5 miles north of Diller and 5 miles west of on Pwf Rd. 0.5 miles north of Pwf Rd and 576th ave. GPS 40.135565, -97.030371
Plot Size:	4 row plots, 3 check plots, 14 corn hybrids, 1037 ft in length
Soil Type:	Crete silt loam (0-1% slope)
Soil Test:	Not available
Previous Crop:	Soybeans
Tillage/Residue Mngt:	Strip-Till
Herbicide Program:	Pre: 32%, QLF BOOST, Lexar, 2-4D, Round-up. Post: Status, Callisto, Round up, QLF BOOST, Nachurs Finishline
Planting Date:	April 20, 2020
Seeding Rate:	33,000 seeds per acres
Planting Equipment:	24-row John Deere 1775 Electric Drive
Fertilizer:	Fall: Strip Till 22 gal 10-34-0, 22 gal 28%, 35 gal QLF BOOST, .5 gal Zinc. Starter: 5 gallon QLF 7-21-3, 1Qt Corn Spike, 1 Pint Kel-Pak Side Dress: 44.5 gal 32%, 6.2 Gal 10-34-0, 5 Gal QLF BOOST, 5 Gal 12-0-0-26 Sulfur
Foliar Insecticide:	None
Foliar Fungicide:	Delaro Fungicide with 1 gallon of BOOST at tassel on July 15
Harvest Date:	September 16, 2020, all 4 rows harvested, 1037 ft length
Rainfall/Irrigation:	April 10 – Sept. 10: 22.9" (15-yr average = 23.3"), Irrigation: 6 passes, 0.80" per pass, 4.8" total.
Other Plot Notes:	None

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Company/Brand	Hybrid (hyperlink)	Trait/Technology	Relative Maturity	Raw Plot Weight (lbs)	Harvest Moisture (%)	Test Weight (lbs/bu)	Yield at 15.0% (bu/ac)
Golden Harvest	16K01-3111	EZ1 Agrisure	116	4,000	25.5	50.0	263.0
DeKalb	DKC60-80	VT2PRIB	110	3,700	22.9	53.8	251.7
Fontanelle	17A819	SSRIB	117	3,760	26.6	53.6	243.5
Champion	65A17	SSRIB	115	3,740	25.2	54.3	246.9
Channel	215-75		115	3,820	25.0	52.5	252.8
DeKalb	DKC70-27RIB	VT2PRIB	120	4,160	26.5	53.7	269.8
Midland Genetics	570	SSRIB	112	3,540	23.0	54.5	240.5
Champion	64A20	SSRIB	114	3,400	23.4	53.3	229.8
Midland Genetics	790	SSRIB	115	3,820	25.0	52.7	252.8
Channel	214-78	DG VT2PRIB	114	4,160	26.5	52.4	269.8
Fontanelle	13G519	DG VT2PRIB	113	3,840	23.2	53.4	260.3
DeKalb	DKC70-27RIB	VT2PRIB	120	4,540	26.5	53.7	294.5
Golden Harvest	G13T41-3120	EZ1 Agrisure	113	3,740	24.2	53.7	250.2
DeKalb	63-57	VT2PRIB	113	3,740	22.6	55.0	255.5
Pioneer	P1828AM	AM LL RR2	118	4,100	24.8	54.9	272.1
DeKalb	DKC70-27RIB	VT2PRIB	120	4,080	26.5	53.7	264.6
Plot Average					24.8	53.5	257.4

*No adjusted yields or ranks could be determine due to the limited number and frequency of the check hybrid (DKC70-27RIB)