



2021 Irrigated Corn Hybrid Plot Results

President: Kyle Pohlmann

Cooperator(s): Miller Sales

County/Location:	Gage County near 4841 SW 86 th Rd, Clatonia NE
Plot Size:	4 row plots, 8 check plots, 15 corn hybrids, 614 feet length
Soil Type:	Nodaway silt loam & Malmo, eroded-Pawnee complex, 6-11% slope
Soil Test:	Not available
Previous Crop:	Soybeans
Tillage/Residue Mngt:	No-till
Herbicide Program:	Pre – Harness Extra, Post – Harness Max, Powermax, and Atrazine
Planting Date:	May 10, 2021
Seeding Rate:	32,000 seeds per acres
Planting Equipment:	16-row 30” Kinze 3660 with Ag Leader Surespeed & Sureforce
Fertilizer:	Variable rate fall anhydrous ammonia and 6 gal/ac of 10-34-0 as starter.
Foliar Insecticide:	None
Foliar Fungicide:	Quilt XL at R1 (pollination)
Harvest Date:	November 8, 2021, JD 9760, 8 rows of each hybrid, 614 ft length
Rainfall/Irrigations:	April 10 – Sept. 10 = 12.1” (15-yr average = 21.7”). Irrigation: 8”
Other Plot Notes:	None

Southeast Nebraska Corn Growers Association: 2021 Irrigated Corn Hybrid Plot Results

Company/Brand	Hybrid (hyperlink)	Trait/Technology	Relative Maturity	Raw Plot Weight (lbs)	Moisture (%)	Yield at 15% (bu/ac)	Adjusted ^a Yield (bu/ac)	Rank
Golden Harvest	15J91-3220	Agrisure Viptera	115	2000	18.1	244.1		
Golden Harvest	12S75-5122	Agrisure Duracade	112	2140	16.3	267.0	283.1	1
Hoegemeyer	8233 AM	AcreMax LL RR2 AQUAmax	112	2060	18.0	251.8	267.0	4
Golden Harvest	15J91-3220	Agrisure Viptera	115	2080	18.1	253.9		
Renk	RK965SSTX	SmartStax-RIB	116	1980	16.9	245.2	264.1	5
Champion	66A22 SS	SmartStax-RIB	116	1960	17.5	241.0	259.6	8
Golden Harvest	15J91-3220	Agrisure Viptera	115	1940	18.2	236.5		
Fontanelle	13G519	VT2P-RIB, DroughtGard	113	2180	18.5	264.8	264.0	6
Dekalb	DKC70-27RIB	VT2P-RIB, Disease Shield	120	2280	16.7	283.1	282.2	2
Golden Harvest	15J91-3220	Agrisure Viptera	115	2420	18.7	293.2		
Channel	214-78	VT2P-RIB, DroughtGard	114	1960	18.7	237.5	212.9	14
Champion	G60HAJ6W2			2120	18.9	256.3	229.8	11
Golden Harvest	15J91-3220	Agrisure Viptera	115	2380	16.6	295.8		
Golden Harvest	15L32-3330	Agrisure Viptera	115	1980	17.8	242.6	226.2	12
Renk	RK961VT2P	VT2P-RIB, RR2	116	2160	18.6	262.1	244.3	9
Golden Harvest	15J91-3220	Agrisure Viptera	115	2220	18.2	270.7		
Hoegemeyer	8529 AM	AcreMax LL RR2	115	1980	17.0	244.9	240.2	10
Channel	214-22	SmartStax-RIB	114	1860	17.9	227.6	223.2	13
Golden Harvest	15J91-3220	Agrisure Viptera	115	2200	18.3	267.9		
Dekalb	DKC62-89RIB	Trecepta-RIB	112	2100	18.5	255.1	259.9	7
Champion	66A22	VT2P-RIB	116	2180	17.6	267.7	272.8	3
Golden Harvest	15J91-3220	Agrisure Viptera	115	2040	17.6	250.5		
Plot Average					17.9	257.9		

^a Adjusted yield formula is the average (264.1 bu/ac) of all check hybrids (Golden Harvest GH 15J91-3220) strips divided by the average of the two nearby checks strips multiplied by non-check hybrid. Check hybrid moisture and yield spread was 2.1% and 59.3 bu/ac.