



2022 Irrigated Corn Hybrid Performance Trial at Holyoke

Brand	Hybrid	Insect and Herbicide Technology Traits ^a	Grain		2-Year Avg. Yield bu/ac	Relative Maturity ^c	Moisture percent	Test Weight lb/bu	Plant Height in	Population plants/ac
			Yield ^b bu/ac	% of test avg.						
110-114 Relative Maturity										
Dekalb	DKC64-64	STX, LL, RR2	294	109%	-	114	21	58	109	37,300
Dyna-Gro Seed	D51SS61	STX, LL, RR2	289	108%	-	111	18	58	113	36,700
Dyna-Gro Seed	D53SS13	STX, LL, RR2	275	102%	-	113	20	60	110	35,900
Pioneer	P1366	AML, LL, RR2	271	101%	268	113	19	59	114	33,400
Dekalb	DKC61-40	STX, LL, RR2	268	100%	-	111	18	58	114	30,500
Dyna-Gro Seed	D54SS34	STX, LL, RR2	267	99%	-	114	22	59	113	33,700
Dyna-Gro Seed	D52SS82	STX, LL, RR2	266	99%	-	112	17	58	115	32,000
Pioneer	P1089	AM, LL, RR2	250	93%	-	110	19	59	112	34,200
104-109 Relative Maturity										
Dyna-Gro Seed	D49VC53	VT2P, RR2	278	103%	-	109	22	58	111	32,200
Dyna-Gro Seed	D48VC84	VT2P, RR2	267	100%	-	108	19	58	109	32,100
Dyna-Gro Seed	D45TC55	TRE, RR2	266	99%	250	105	16	59	107	34,700
Channel	209-06	STX, LL, RR2	265	99%	-	109	17	58	108	35,200
Dyna-Gro Seed	D47SS93	STX, LL, RR2	261	97%	-	107	17	58	110	33,600
Dyna-Gro Seed	D44SS54	STX, LL, RR2	254	95%	238	104	16	59	106	31,800
Dyna-Gro Seed	D48SS50	STX, LL, RR2	254	95%	-	108	15	58	105	33,900
Average			268	100%	252	110	19	59	110	33,800
^d LSD (0.30)			11							
^d LSD (0.05)			21							

^aTechnology trait designations: AM=AcreMax; AML=AcreMax Leptra; LL=LibertyLink; RR2=Roundup Ready 2; STX=SmartStax; TRE=Trecepta; VT2P=VecTran Double Protection. For a list of specific pests controlled by each trait, please click [here](#).

^bYields corrected to 15.5% moisture. Hybrid yields in bold are in the top LSD group (0.30).

^cRelative maturity is provided by the respective companies and is the approximate time from planting to harvest maturity. The method of calculation of the relative maturity ratings may vary among companies.

^dFarmers selecting a hybrid based on yield should use the LSD (.30) to protect themselves from false negative conclusions (concluding hybrids are the same when they are actually different). Companies or researchers may be interested in the LSD (.05) to avoid false positive conclusions (concluding hybrids are different when they are actually the same).

Site Information

Collaborator: Brent Adler
Planting Date: April 29, 2022
Harvest Date: October 21, 2022
Soil Type: Julesburg loamy sand
GPS Coordinates: 40.35795, -102.10667

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