



2021 Irrigated Corn Hybrid
Performance Trial at Yuma

Brand	Hybrid	Insect and Herbicide Technology Traits ^a	Yield ^b bu/ac	2-Year Avg. Yield bu/ac	Relative Maturity ^c	Test		Plant		
						Moisture percent	Weight lb/bu	Lodging percent	Height in	Population plants/ac
RENK	RK782VT2P	VT2P, RR2	305	-	109	15	62	3	110	35,400
Hoegemeyer Hybrids	8188 Q	Q, LL, RR2	292	-	111	15	62	38	116	35,600
RENK	RK882TRE	VT2P, RR2	286	-	111	16	61	38	111	33,600
Dyna-Gro Seed	D51VC67	VT2P, RR2	276	231	111	16	61	15	112	37,400
Hoegemeyer Hybrids	8235 Q	Q, LL, RR2	274	-	112	16	63	13	112	32,300
Dyna-Gro Seed	D52DC82	VT2P, RR2	267	219	112	14	61	18	115	31,700
Dyna-Gro Seed	D45TC55	TRE, RR2	261	-	105	14	61	38	111	33,300
Channel	209-06	STX, LL, RR2	258	-	109	13	61	30	109	32,800
Dyna-Gro Seed	D50VC09	VT2P, RR2	258	-	109	13	60	8	107	37,000
Dyna-Gro Seed	D51VC41	VT2P, RR2	258	221	111	14	61	18	108	34,600
Hoegemeyer Hybrids	7772 Q	Q, LL, RR2	255	-	107	15	62	43	108	34,600
Local Seed	LCX15-26 SSX	STX, LL, RR2	252	-	115	16	61	38	102	35,600
Local Seed	LCX11-24 SSX	STX, LL, RR2	251	-	111	14	61	18	108	34,300
NK Seed	NK1460	5222, RR2	251	-	114	16	59	18	120	34,100
Local Seed	LC1577 VT2P	VT2P, RR2	250	-	115	16	63	33	109	34,600
Local Seed	LCX12-20 VT2P	VT2P, RR2	249	-	112	14	61	23	108	34,300
Local Seed	LC0707 DGVT2P	DG, VT2P, RR2	245	-	107	14	62	30	106	34,400
Augusta Seed	A1259	5222, RR2	241	-	109	13	60	23	98	36,700
Dyna-Gro Seed	D51SS61	STX, LL, RR2	238	-	111	15	62	20	110	35,600
Local Seed	LCX07-11 VT2P	VT2P, RR2	237	-	107	15	63	23	106	29,400
Local Seed	LC1108 TC	TRE, RR2	237	-	111	15	61	35	109	31,500
NK Seed	NK1082	5222, RR2	235	-	110	13	60	28	110	33,500
Dyna-Gro Seed	D48QV22	3330 EZ, LL, RR2	234	-	108	13	61	30	103	36,400
Dyna-Gro Seed	D49SS70	STX, LL, RR2	230	-	109	14	62	30	116	35,900
Dyna-Gro Seed	D50VC78	VT2P, RR2	225	200	110	14	61	15	111	30,000
Dyna-Gro Seed	D43SS81	STX, LL, RR2	220	-	103	13	62	30	107	37,800
Dyna-Gro Seed	D44SS54	STX, LL, RR2	215	-	104	14	62	45	109	34,100
NK Seed	NK0821	5122, RR2	214	187	108	14	61	13	112	31,900
Dyna-Gro Seed	D51SS41	STX, LL, RR2	212	-	111	13	61	13	102	34,100
Channel	213-93	STX, LL, RR2	209	-	113	17	62	73	109	37,000
NK Seed	NK0748	5122, RR2	199	-	107	14	62	30	108	36,400
NK Seed	NK1349	5222, RR2	192	-	113	15	62	60	117	34,400
Average			245	211	110	14	61	28	109	34,400
^d LSD (0.30)			14							
^d LSD (0.05)			27							

^aTechnology trait designations: 3330=Agrisure Viptera 3330 E-Z Refuge; 5122=Agrisure Duracade 5122 E-Z Refuge; 5222=Agrisure Duracade 5222 E-Z Refuge; DG=DroughtGard; LL=LibertyLink; Q=QROME; 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 decisions. Companies or researchers may be interested in the LSD (.05) to avoid false positive conclusions.

Site Information

Collaborator: Weathers Farms
 Planting Date: May 7, 2021
 Harvest Date: November 10, 2021
 Soil Type: Haxtun loamy sand
 Trial Coordinates: 39.96367, -102.79315

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