



2021 Irrigated Corn Hybrid
Performance Trial at Wiggins

Brand	Hybrid	Insect and Herbicide Technology Traits ^a	Grain Yield ^b bu/ac	Yield % of test avg.	Relative Maturity ^c	Moisture percent	Test Weight lb/bu	Lodging percent	Plant Height in	Population plants/ac
109-113 Relative Maturity										
RENK	RK782VT2P	VT2P, RR2	255	117%	109	15	63	3	104	32,800
Dekalb	DKC61-40	STX, LL, RR2	241	110%	111	15	62	0	89	30,700
Dyna-Gro Seed	D50VC78	VT2P, RR2	239	110%	110	15	62	8	106	32,500
Dyna-Gro Seed	D50VC09	VT2P, RR2	235	108%	109	13	61	11	105	32,400
NK Seed	NK1082	5222, RR2	234	107%	110	14	61	28	112	31,700
Dekalb	DKC59-81RIB	STX, LL, RR2	229	105%	109	14	63	5	89	33,100
Dyna-Gro Seed	D51SS41	STX, LL, RR2	213	98%	111	14	62	18	101	32,800
RENK	RK882TRE	VT2P, RR2	208	96%	111	15	62	8	95	34,900
Dyna-Gro Seed	D51SS61	STX, LL, RR2	207	95%	111	15	62	18	109	32,800
Dyna-Gro Seed	D49SS70	STX, LL, RR2	199	91%	109	14	62	38	92	33,900
Dyna-Gro Seed	D51VC41	VT2P, RR2	198	91%	111	14	61	29	102	32,400
NK Seed	NK1349	5222, RR2	163	75%	113	15	62	40	98	33,200
104-108 Relative Maturity										
Dyna-Gro Seed	D45TC55	TRE, RR2	237	109%	105	14	63	3	106	32,300
Dekalb	DKC56-65	STX, LL, RR2	230	106%	106	14	62	3	85	36,100
Pioneer	P0622AML	AML, LL, RR2	228	105%	106	14	63	0	99	33,200
NK Seed	NK0821	5122, RR2	215	99%	108	14	62	15	112	32,000
Dekalb	DKC54-64RIB	STX, LL, RR2	214	98%	104	14	63	10	105	32,500
Dyna-Gro Seed	D48QV22	3330 EZ, LL, RR2	212	97%	108	13	62	33	98	33,600
NK Seed	NK0748	5122, RR2	208	95%	107	15	62	35	112	32,900
Dyna-Gro Seed	D44SS54	STX, LL, RR2	206	94%	104	14	63	13	98	33,000
99-103 Relative Maturity										
Channel	199-60	STX, LL, RR2	232	106%	99	13	62	18	99	32,700
Channel	203-83	STX, LL, RR2	221	101%	103	13	62	3	105	31,300
Dyna-Gro Seed	D43SS81	STX, LL, RR2	210	96%	103	14	63	5	105	31,800
Dyna-Gro Seed	D39VC40	VT2P, RR2	196	90%	99	13	63	18	98	31,800
		Average	218		107	14	62	15	101	32,800
		^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; 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 decisions. Companies or researchers may be interested in the LSD (.05) to avoid false positive conclusions.

Site Information

Collaborator: Cooksey Farms
Planting Date: May 15, 2021
Harvest Date: November 9, 2021
Soil Type: Heldt clay
Trial Coordinates: 39.99304, -104.1102

The data included in this table may not be republished without permission. Contact Sally Jones-Diamond at sally.jones@colostate.edu.