



2022 Irrigated Corn Hybrid Performance Trial at Wiggins

Brand	Hybrid	Insect and Herbicide Technology Traits ^a	Grain Yield ^b		2-Year Avg. Yield bu/ac	Relative Maturity ^c	Test			
			bu/ac	% of test avg.			Moisture percent	Weight lb/bu	Population plants/ac	
<u>111-114 Relative Maturity</u>										
Dyna-Gro Seed	D53TC23	VT2P, RR2	236	131%	-	113	20	58	34,800	
Dyna-Gro Seed	D53SS13	STX, LL, RR2	208	116%	-	113	20	60	35,300	
Dyna-Gro Seed	D51VC67	VT2P, RR2	186	103%	-	111	19	59	36,500	
Dyna-Gro Seed	D52SS82	STX, LL, RR2	176	97%	-	112	19	59	33,500	
Dyna-Gro Seed	D54SS34	STX, LL, RR2	171	95%	-	114	20	59	36,800	
Dyna-Gro Seed	D51SS61	STX, LL, RR2	168	93%	187	111	19	58	36,900	
<u>94-109 Relative Maturity</u>										
Dyna-Gro Seed	D48VC84	VT2P, RR2	205	113%	-	108	18	59	34,800	
Dekalb	DKC56-65	STX, LL, RR2	192	106%	211	106	18	60	36,500	
Dyna-Gro Seed	D42SS20	STX, LL, RR2	182	101%	-	102	15	62	36,700	
Channel Seed	199-60	STX, LL, RR2	178	99%	205	99	15	62	37,000	
Channel Seed	194-49	DG, VT2P, RR2	172	96%	-	94	15	62	34,100	
Dyna-Gro Seed	D44DC73	VT2P, RR2	170	94%	-	104	15	60	36,000	
Dyna-Gro Seed	D45TC55	TRE, RR2	166	92%	202	105	15	61	35,300	
Dyna-Gro Seed	D47SS93	STX, LL, RR2	156	86%	-	107	16	60	35,800	
Pioneer	P0908	AML, LL, RR2	139	77%	-	109	17	61	36,500	
Average			180	100%	201	107	17	60	35,800	
^d LSD (0.30)			15							
^d LSD (0.05)			28							

^aTechnology trait designations: AML=AcreMax Leptra; DG=DroughtGard; 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: Cooksey Farms, LLC
 Planting Date: May 23, 2022
 Harvest Date: November 2, 2022
 Soil Type: Heldt clay loam
 GPS Coordinates: 40.00802, -104.09953

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