

2025 Irrigated Corn Hybrid Performance Trial at Yuma

Brand	Hybrid	Insect and Herbicide Technology Traits ^a	Grain Yield ^b		Relative Maturity ^c	Moisture percent	Test	
			Yield ^b bu/ac	% of test avg.			Weight lb/bu	Population plants/ac
<u>108-113 Relative Maturity</u>								
Hoegemeyer Hybrids	8351 V	Vorceed, GLY, LL	331	110%	113	18.2	60.7	38,260
Hoegemeyer Hybrids	8039 V	Vorceed, GLY, LL	315	105%	110	15.4	61.0	39,567
Pioneer	P12904Q	Q, GLY, LL	312	103%	112	17.8	59.9	36,082
Dekalb	DKC110-10RIB	SS, GLY, LL	311	103%	110	15.1	62.9	39,785
Hoegemeyer Hybrids	8220 PCE	PCE, GLY, LL, EN	309	102%	112	17.0	61.7	38,115
Channel	210-18	SSPro, GLY, LL	307	102%	110	17.2	59.2	37,825
Dekalb	DKC108-64RIB	SSPro, GLY, LL	294	97%	108	13.2	61.5	35,937
Channel	213-53	SSPro, GLY, LL	291	97%	113	15.7	61.8	38,333
<u>101-107 Relative Maturity</u>								
Channel	207-34	SSPro, GLY, LL	306	102%	107	14.8	61.8	37,026
Channel	205-08	SSPro, GLY, LL	302	100%	105	13.6	62.5	38,260
Dekalb	DKC101-33RIB	SSProRIB, GLY, LL	293	97%	101	12.8	60.6	34,630
Channel	205-40	VT4Pro, GLY	292	97%	105	13.6	60.1	39,712
Dekalb	DKC105-33	SSPro, GLY, LL	281	93%	105	13.9	60.6	40,148
Allegiant	105 SSP EXP	SSPro, GLY, LL	277	92%	105	13.4	61.2	38,696
Average			301	100%	108	15.1	61.1	38,000
^d LSD (0.30)			11				0.3	
^d LSD (0.05)			22				0.6	
Coefficient of Variation (%)			2.6				0.4	

^aTechnology trait designations: EN=Enlist; GLY=Glyphosate; LL=LibertyLink; PCE=PowerCore Enlist; Q=QROME; RIB=Refuge in a Bag; SS=SmartStax; SSPro=SmartStax Pro; VT4Pro=VT4 PRO w/RNAi Technology. For a list of specific pests controlled by each trait, please click [here](#).

^bYields corrected to 15.5% moisture. Hybrid yields are separated by relative maturity groups first, and then ranked from highest to lowest yield within each group. 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 variety based on yield should use the LSD (.30) to protect themselves from false negative conclusions (concluding varieties are the same when they are actually different). Companies or researchers may use the LSD (.05) to avoid false positive conclusions (concluding varieties are different when they are actually the same).

Site Information

Collaborator: Richard Wacker
 Planting Date: April 29, 2025
 Harvest Date: October 24, 2025
 Soil Type: Manter sandy loam
 GPS Coordinates: 39.691130, -102.67428
 Trial Comments: Planted 1.75" deep. Excellent emergence. No pest or disease issues noted during the growing season.

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