

2025 Irrigated Corn Hybrid Performance Trial at Holyoke

Brand	Hybrid	Insect and Herbicide Technology Traits ^a	Grain	Relative	Moisture	Test		
			Yield ^b bu/ac			Yield % of test avg.	Maturity ^c	Weight lb/bu
<u>101-107 Relative Maturity</u>								
Dekalb	DKC105-33	SSProRIB, GLY, LL	266	108%	105	13.5	61.0	40,729
Dekalb	DKC101-33RIB	SSProRIB, GLY, LL	254	104%	101	12.7	60.9	32,307
Channel	205-08	SSPro, GLY, LL	246	100%	105	13.8	62.1	32,670
Channel	207-34	SSPro, GLY, LL	243	99%	107	13.9	61.9	34,775
Channel	205-40	VT4Pro, GLY	236	96%	105	13.0	60.7	36,082
Pioneer	P0487Q	Q, GLY, LL	221	90%	104	13.9	63.9	32,670
Channel	206-47	VT4Pro, GLY	217	89%	106	14.0	63.8	40,075
<u>108-113 Relative Maturity</u>								
Channel	210-18	SSPro, GLY, LL	258	105%	110	13.8	61.3	35,864
Dekalb	DKC110-10RIB	SS, GLY, LL	256	104%	110	13.9	62.8	35,429
Channel	213-53	SSPro, GLY, LL	250	102%	113	13.9	63.0	35,356
Pioneer	P12904Q	Q, GLY, LL	248	101%	112	14.4	61.2	40,148
Dekalb	DKC108-64RIB	SSPro, GLY, LL	246	100%	108	13.5	62.2	36,881
Average			245	100%	107	13.7	62.1	36,100
^d LSD (0.30)			9				0.3	
^d LSD (0.05)			17				0.5	
Coefficient of Variation (%)			2.9				0.3	

^aTechnology trait designations: GLY=Glyphosate; LL=LibertyLink; Q=QRUME; SS=SmartStax; SSPro=SmartStax PRO; VT4Pro=VecTran Quad Protection with RNAi Technology. 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) within their respective maturity group. Hybrids grouped by maturity and then by yield within maturity group.

^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: Brent Adler
 Planting Date: April 30, 2025
 Harvest Date: November 13, 2025
 Fertilizer: Starter: N at 7, P at 19 and S at 3 lb/ac as 10-34-0 and thiosol
 Early Season: N at 9, P at 30, K at 51, S at 7, and Zn at 0.75 lb/ac
 Additional N was applied throughout the season through fertigation
 Soil Type: Julesburg loamy sand
 GPS Coordinates: 40.3642026, -102.0990730
 Trial Comments: Planted 1.75" deep. Excellent emergence. No pest or disease issues noted during the growing season.

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Contact Sally Jones-Diamond at sally.jones@colostate.edu or Jason Webb at jason.webb@colostate.edu.