

# 2025 Irrigated Corn Hybrid Performance Trial at Burlington

Brand	Hybrid	Insect and Herbicide Technology Traits <sup>a</sup>	Grain		Relative Maturity <sup>c</sup>	Test		
			Yield <sup>b</sup> bu/ac	Yield % of test avg.		Moisture percent	Weight lb/bu	Population plants/ac
<u>108-113 Relative Maturity</u>								
Hoegemeyer Hybrids	8351 V	V, GLY, LL	<b>255</b>	111%	113	15.2	63.7	38,115
Hoegemeyer Hybrids	8039 V	V, GLY, LL	240	104%	110	13.8	63.5	33,759
Channel	210-18	SSPro, GLY, LL	239	103%	110	13.8	61.7	35,066
Dekalb	DKC110-10RIB	SS, GLY, LL	238	103%	110	14.5	64.0	37,389
Dyna-Gro Seed	D52TC66RIB	GLY, SS	237	103%	112	14.1	63.4	36,663
Pioneer	P12904Q	Q, GLY, LL	231	100%	112	14.2	61.9	35,792
Dyna-Gro Seed	D52PN76RA	PCE, GLY, LL	230	100%	112	14.7	62.1	38,768
Channel	213-53	SSPro, GLY, LL	220	95%	113	13.8	63.3	35,138
Hoegemeyer Hybrids	8220 PCE	PCE, GLY, LL	212	92%	112	14.7	64.0	36,155
Dekalb	DKC108-64RIB	SSPro, GLY, LL	207	90%	108	13.7	62.7	35,792
<u>101-107 Relative Maturity</u>								
Dekalb	DKC101-33RIB	SSProRIB, GLY, LL	241	104%	101	13.1	61.8	32,307
Channel	205-08	SSPro, GLY, LL	237	103%	105	13.4	62.7	35,501
Dekalb	DKC105-33	SSProRIB, GLY, LL	237	103%	105	13.2	62.6	37,026
Channel	207-34	SSPro, GLY, LL	231	100%	107	13.5	62.6	34,921
Dyna-Gro Seed	D44PN56RA	PCE, GLY, LL, EN	228	99%	104	14.0	62.8	35,647
Channel	206-47	VT4Pro, GLY	225	97%	106	14.1	<b>64.4</b>	38,115
Channel	205-40	VT4Pro, GLY	217	94%	105	12.8	61.4	35,501
<b>Average</b>			<b>231</b>	<b>100%</b>	<b>109</b>	<b>13.9</b>	<b>62.9</b>	<b>36,000</b>
<sup>d</sup> LSD (0.30)			9				0.3	
<sup>d</sup> LSD (0.05)			18				0.6	
Coefficient of Variation (%)			4.1				0.4	

<sup>a</sup>Technology trait designations:GLY=Glyphosate; LL=LibertyLink; PWE/PWC=Powercore Enlist Refuge Adv.; Q=QROME; SS=SmartStax; SSPro=SmartStax PRO; TRERIB= Trecepta RIB Complete; V=Vorceed Enlist; VT4Pro=VecTran Quad Protection with RNAi Technology. For a list of specific pests controlled by each trait, please click [here](#).

<sup>b</sup>Yields 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.

<sup>c</sup>Relative 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.

<sup>d</sup>Farmers 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: Zach Coryell  
 Planting Date: May 9, 2025  
 Harvest Date: November 14, 2025  
 Soil Type: Noroka Silt Loam  
 GPS Coordinates: 39.33578, -102.20329  
 Trial Comments: Planted 1.75" deep. Excellent emergence. No pest or disease issues noted during the growing season.

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