



## 2022 Irrigated Corn Hybrid Performance Trial at Burlington



Brand	Hybrid	Insect and Herbicide Technology Traits <sup>a</sup>	Grain Yield <sup>b</sup>		2-Year	Relative	Test			
			bu/ac	% of test avg.	Avg. Yield bu/ac	Maturity <sup>c</sup>	Moisture percent	Weight lb/bu	Population plants/ac	Lodging percent
<b>110-114 Relative Maturity</b>										
Hoegemeyer Hybrids	8235 Q	Q, LL, RR2	<b>244</b>	125%	224	112	18	62	36,600	20
Dyna-Gro Seed	D51VC67	VT2P, RR2	<b>239</b>	123%	216	111	17	60	24,500	10
Pioneer	P1089	AM, LL, RR2	227	116%	-	110	19	62	31,400	10
Dyna-Gro Seed	D54SS34	STX, LL, RR2	204	105%	-	114	18	62	33,300	30
Dyna-Gro Seed	D53SS13	STX, LL, RR2	203	104%	-	113	17	62	31,600	35
Hoegemeyer Hybrids	8052 Q	Q, LL, RR2	198	102%	-	110	17	62	33,000	33
Dekalb	DKC61-40	STX, LL, RR2	177	91%	-	111	17	60	31,900	10
Dyna-Gro Seed	D51SS61	STX, LL, RR2	162	83%	160	111	18	60	33,200	20
Dyna-Gro Seed	D52SS82	STX, LL, RR2	127	65%	-	112	16	60	32,700	15
<b>104-109 Relative Maturity</b>										
Hoegemeyer Hybrids	7772 Q	Q, LL, RR2	219	112%	-	107	17	61	27,000	10
Hoegemeyer Hybrids	7523 Q	Q, LL, RR2	216	111%	-	105	17	62	29,200	10
Dyna-Gro Seed	D48VC84	VT2P, RR2	207	106%	-	108	16	61	31,500	8
Dyna-Gro Seed	D48SS50	STX, LL, RR2	202	104%	-	108	16	61	30,100	23
Dekalb	DKC56-65	STX, LL, RR2	197	101%	178	106	15	61	33,700	10
Dyna-Gro Seed	D44SS54	STX, LL, RR2	194	99%	181	104	17	60	28,700	20
Dyna-Gro Seed	D49VC53	VT2P, RR2	190	97%	-	109	16	62	28,700	20
Dyna-Gro Seed	D45TC55	TRE, RR2	177	91%	174	105	14	61	34,400	0
Dyna-Gro Seed	D47SS93	STX, LL, RR2	123	63%	-	107	16	61	30,800	10
<b>Average</b>			<b>195</b>	<b>100%</b>	<b>189</b>	<b>109</b>	<b>17</b>	<b>61</b>	<b>31,200</b>	<b>16</b>
<sup>d</sup> LSD (0.30)			16							
<sup>d</sup> LSD (0.05)			30							

<sup>a</sup>Technology trait designations: AM=AcreMax; LL=LibertyLink; Q=QROME; 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](#).

<sup>b</sup>Yields corrected to 15.5% moisture. Hybrid yields in bold are in the top LSD group (0.30).

<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 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: Tim Stahlecker  
 Planting Date: May 13, 2022  
 Harvest Date: October 31, 2022  
 Soil Type: Kuma-Keither silt loam  
 GPS Coordinates: 39.395229, -102.451223

*The data included in this table may not be republished without permission. Contact Sally Jones-Diamond at [sally.jones@colostate.edu](mailto:sally.jones@colostate.edu).*