



2018 Irrigated Corn Variety  
Performance Trial at Wiggins

Brand	Hybrid	Insect and Herbicide Technology Traits <sup>a</sup>	Yield <sup>b</sup> bu/ac	2-Year Avg. Yield bu/ac	Relative Maturity <sup>c</sup>	Moisture percent	Test Weight lb/bu	Population plants/ac	Plant Height in
NuTech/G2 Genetics	5F-906	AM, RR2, LL	<b>224.8</b>	248.7	106	14.3	57.8	30,633	105
LG Seeds	LG5525VT2RIB	VT2PRIB, RR2	<b>219.3</b>	-	105	14.2	58.9	31,757	96
NuTech/G2 Genetics	5F-308	AM, RR2, LL	<b>214.9</b>	245.9	108	14.7	58.8	31,632	108
Dyna-Gro Seed	D51VC15	VT2Pro, RR2	<b>213.8</b>	-	111	14.7	57.2	29,508	102
Dyna-Gro Seed	D52SS63	STX, RR2, LL	212.4	-	112	14.5	56.9	32,038	106
NK Seed	NK1354	AV3220, RR2	211.2	-	113	14.6	56.6	30,351	97
Dyna-Gro Seed	D49VC70	VT2Pro, RR2	209.8	-	109	14.5	57.9	29,789	101
LG Seeds	LG53C50STX	STX, RR2, LL	203.5	-	103	14.1	58.7	30,820	97
Dyna-Gro Seed	D48VC76	VT2Pro, RR2	202.1	-	108	14.5	57.5	32,558	100
Pioneer	P0801AM	AM, RR2, LL	200.2	237.1	108	14.2	57.8	34,130	107
NK Seed	NK1094	N/A	200.0	-	110	15.1	54.8	32,360	96
Dyna-Gro Seed	D43VC81	VT2Pro, RR2	196.4	-	103	14.2	58.1	30,633	103
Mycogen	2A627	STX, RR2, LL	194.6	-	108	14.7	57.8	33,079	99
LG Seeds	LG59C41STX	STX, RR2, LL	194.0	-	109	14.4	59.7	30,633	96
Dyna-Gro Seed	D41VC71	VT2Pro, RR2	190.7	220.6	102	14.1	58.0	28,665	101
LG Seeds	LG54C01STX	STX, RR2, LL	189.5	-	104	14.1	57.3	30,070	100
NK Seed	NK0440	AV3122, RR2	188.8	-	104	13.9	55.4	30,903	107
LG Seeds	LG58C77VT2PRO	VT2Pro, RR2	187.9	-	108	14.0	58.0	30,070	104
Dyna-Gro Seed	D50VC30	VT2Pro, RR2	187.4	-	110	14.1	58.3	30,633	102
Dyna-Gro Seed	D47VC29	VT2Pro, RR2	184.7	218.0	107	14.2	58.4	30,945	99
Dyna-Gro Seed	D44VC36	VT2Pro, RR2	180.7	202.7	104	14.1	58.5	29,227	99
Allegiant	10007 SS	STXRIB, RR2, LL	177.9	-	100	14.1	59.2	28,894	101
Allegiant	10211 SS	STXRIB, RR2, LL	175.8	-	102	14.0	58.3	32,839	95
NK Seed	NK0821	N/A	175.5	-	108	14.1	56.5	27,822	99
Dekalb	DKC56-45RIB	STXRIB, RR2, LL	173.8	-	106	14.4	57.8	32,475	99
Mycogen	2V489	STX, RR2, LL	171.4	-	101	13.9	55.9	29,789	98
Dyna-Gro Seed	D43SS50	STXRIB, RR2, LL	160.8	-	103	14.2	59.2	33,401	100
Allegiant	10652 SS	STXRIB, RR2, LL	159.5	-	106	14.5	58.6	20,796	101
Dyna-Gro Seed	D45SS65	STXRIB, RR2, LL	156.8	193.8	105	14.0	59.0	31,913	97
<b>Average</b>			<b>191.6</b>	<b>223.8</b>	<b>106</b>	<b>14.3</b>	<b>57.8</b>	<b>30,633</b>	<b>101</b>

<sup>d</sup>LSD (P<0.30)

11.8

<sup>a</sup>Technology trait designations: AM=Optimum AcreMax; AV3122=Agrisure Viptera 3122 EZ Refuge; AV3220=Agrisure Viptera 3220 EZ Refuge; INT=Optimum Intrasect LL=LibertyLink; N/A=No information available; RR2=Roundup Ready 2; STX=Genuity SmartStax; STXRIB=Genuity SmartStax Refuge in the Bag Complete; VT2PRIB=Genuity VecTran Double Protection Refuge in a Bag; VT2Pro=Genuity VecTran Double Protection.

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

<sup>c</sup>Relative maturity is provided by the respective companies and is the approximate time from planting to harvest maturity.

<sup>d</sup>If the difference between two hybrid yields equals or exceeds the LSD value, there is a 70% chance the difference is significant.

**Site Information**

Collaborator: Cooksey Farms  
 Planting Date: May 9, 2018  
 Harvest Date: November 5, 2018  
 Fertilizer: N at 250, P at 80, K at 20, and S at 30 lb/ac  
 Herbicide: Pre-emergence: Glyphosate, Balance Flexx, and atrazine; Mid-season: glyphosate, generic WideMatch  
 Soil Type: Heldt clay  
 Location Coordinates: 39.993586, -104.10941

*This table may be reproduced only in its entirety.*