



2019 Irrigated Corn Hybrid
Performance Trial at Wiggins

Brand	Hybrid	Insect and Herbicide Technology Traits ^a	Yield ^b bu/ac	Relative Maturity ^c days	Moisture percent	Test	Plant	Population plants/ac
						Weight lb/bu	Height in	
LG Seeds	LG59C41STXRIB	STXRIB, RR2, LL	206.7	109	14.2	61.3	85	34,993
Dyna-Gro Seed	D53TC19	TC, RR2	202.9	113	16.4	59.3	103	32,670
Dyna-Gro Seed	D54VC14	VT2Pro, RR2	199.4	114	16.8	60.6	100	29,330
LG Seeds	LG59C72VT2Pro	VT2Pro, RR2	196.8	109	14.3	58.8	103	29,330
Dekalb	DKC60-67RIB	STXRIB, RR2, LL	191.1	110	14.8	61.1	96	33,396
Dyna-Gro Seed	D54SS74	STX, RR2, LL	190.6	114	18.2	58.5	98	33,977
Dyna-Gro Seed	D53VC33	VT2Pro, RR2	189.5	113	14.1	58.6	101	33,832
Dekalb	DKC56-45RIB	STXRIB, RR2, LL	187.3	106	15.2	59.9	98	30,056
Dyna-Gro Seed	D48VC76	VT2PRIB, RR2	183.8	108	15.4	59.5	99	33,541
Dyna-Gro Seed	D52SS63	STX, RR2, LL	181.0	112	15.1	58.7	102	33,832
Dyna-Gro Seed	D52SS91	STX, RR2, LL	180.3	112	17.1	60.7	99	34,703
Mycogen	MY05U05 RA	PCRA, RR2, LL	178.9	105	13.8	59.1	97	34,267
NK Seed	NK0472	AV3110, RR2, LL	178.6	104	14.9	61.5	98	31,508
NK Seed	NK1082	AV3330, RR2, LL	178.4	110	14.8	59.4	100	30,056
Dyna-Gro Seed	D50VC30	VT2PRIB, RR2	178.0	110	14.3	60.5	107	33,396
NK Seed	NK1205	AV3120, RR2, LL	176.7	112	15.7	58.7	95	33,686
LG Seeds	LG5525VT2RIB	VT2PRIB, RR2	176.3	105	14.2	61.4	95	33,541
Mycogen Seeds	2A627 SSRIB	STXRIB, RR2, LL	175.7	108	14.7	59.6	94	34,558
NK Seed	NK0624	AV3220, RR2, LL	174.9	106	14.4	59.3	101	34,703
Dyna-Gro Seed	D51VC67	VT2PRIB, RR2	170.3	110	15.5	58.7	93	31,218
Dyna-Gro Seed	D50VC51	VT2PRIB, RR2	169.4	110	14.9	72.0	89	30,928
Pioneer	P0805AM	AM, RR2, LL	169.1	108	16.1	59.8	106	29,621
NK Seed	NK1364	AV3111, RR2, LL	168.7	113	15.3	56.5	99	33,686
Dyna-Gro Seed	D52VC50	VT2PRIB, RR2	167.9	112	15.2	59.5	97	33,977
NK Seed	NK0821	AV3120, RR2, LL	166.3	108	14.9	59.3	103	36,155
Dyna-Gro Seed	D49SS70	STXRIB, RR2, LL	162.7	109	15.1	60.6	99	34,993
Dyna-Gro Seed	D39VC40	DG/VT2P-RIB	162.0	99	13.3	61.1	90	29,766
Dyna-Gro Seed	D43VC81	VT2PRIB, RR2	157.8	103	13.2	60.5	98	34,848
Pioneer	P0622AML	AML, RR2, LL	146.2	106	14.2	68.5	95	32,234
Dyna-Gro Seed	D52VC15	VT2PRIB, RR2	130.9	112	14.7	58.7	94	33,686

Average 176.6 109 15.0 60.4 98 32,883

^dLSD (P<0.30) 13.3

^aTechnology trait designations: AM=Optimum AcreMax; AML=AcreMax Leptra; AV3110= Agrisure Viptera 3110; AV3111=Agrisure Viptera 3111; AV3120=Agrisure Viptera 3120 E-Z Refuge; AV3220=Agrisure Viptera 3220 E-Z Refuge; AV3330=Agrisure Viptera 3330 E-Z Refuge; LL=LibertyLink tolerant; PCRA=PowerCore Trait Technology with Refuge Advanced; STXRIB=Genuity SmartStax Refuge in the Bag Complete; RR2=Roundup Ready 2 tolerant; TC= Genuity Trecepta Technology; VT2Pro=Genuity VecTran Double Protection; VT2PRIB=Genuity VecTran Double Protection Refuge in the Bag Complete.

^bYields corrected to 15.5% moisture.

^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.

^dIf 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 6, 2019
 Harvest Date: November 11, 2019
 Fertilizer: N at 250, P at 50, K at 20, S at 15, B at 1, and Zn at 0.25 lb/ac
 Herbicide: Pre-plant: 5 oz/ac Balance Flexx, 48 oz/ac Glyphosate, and 1/3 lb/ac Atrazine
 Post-plant: 26 oz/ac WideMatch, 48 oz/ac Glyphosate, and 1/3 lb/ac Atrazine
 Soil Type: Truckton coarse sandy loam
 Trial Coordinates: 39.9931, -104.1095

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