

**2018 Dryland Corn Variety
 Performance Trial at Akron**

Brand	Hybrid	Insect and Herbicide Technology Traits ^a	Yield ^b bu/ac	Relative Maturity ^c	Moisture percent	Test	Ear	Population plants/ac
						Weight lb/bu	Height in	
Dyna-Gro Seed	D49VC70	VT2Pro, RR2	73.3	109	14.8	57.8	32	12,632
Dyna-Gro Seed	D37VC64	VT2Pro, RR2	69.1	97	13.7	57.4	30	14,084
NuTech/G2 Genetics	5H-905	HX, RR2, LL	69.1	105	13.3	54.6	33	13,358
Dekalb	DKC51-20RIB	VT2PRIB, RR2	67.2	101	13.4	57.4	31	11,035
Dyna-Gro Seed	D47VC29	VT2Pro, RR2	67.1	107	13.6	58.3	31	12,778
Dyna-Gro Seed	D45SS65	STXRIB, RR2, LL	65.9	105	13.7	59.3	33	13,213
Dyna-Gro Seed	D48VC76	VT2Pro, RR2	65.6	108	14.1	56.4	31	13,068
Dyna-Gro Seed	D41VC71	VT2Pro, RR2	65.3	102	13.6	58.5	34	12,342
Dyna-Gro Seed	D43VC81	VT2Pro, RR2	64.5	103	13.3	57.8	33	12,487
Pioneer	P0801AM	AM, RR2, LL	64.0	108	13.6	57.3	34	12,632
NK Seed	NK0760	AV3111, RR2, LL	63.6	107	13.6	55.2	37	13,213
Dyna-Gro Seed	D39DC43	VT2Pro, RR2	61.9	99	13.1	57.9	31	13,068
NK Seed	NK0199	AV3122, RR2	61.7	101	13.4	58.1	40	13,068
Dyna-Gro Seed	D50VC30	VT2Pro, RR2	60.5	110	14.4	57.4	21	12,342
Allegiant	10211 SS	STXRIB, RR2, LL	60.2	102	13.3	58.4	32	12,487
NuTech/G2 Genetics	5F-601	AM, RR2, LL	58.5	101	13.3	57.7	35	12,052
Allegiant	10007 SS	STXRIB, RR2, LL	58.3	100	13.2	57.7	32	9,728
NuTech/G2 Genetics	E5FN-A604	N/A	58.2	104	13.4	56.4	36	12,923
Dyna-Gro Seed	D44VC36	VT2Pro, RR2	57.0	104	13.2	58.4	32	13,213
NK Seed	NK9535	AV3220, RR2	56.4	95	13.0	57.0	35	13,358
Dyna-Gro Seed	D43SS50	STXRIB, RR2, LL	54.2	103	13.3	59.0	33	12,778
Average			62.9	103	13.5	57.5	32	12,660

^dLSD (P<0.30)

5.4

^aTechnology trait designations: AM=AcreMax; AV3111=Agrisure Viptera 3111; AV3122=Agrisure Viptera 3122 EZ Refuge; AV3220=Agrisure Viptera 3220 EZ Refuge; HX=Herculex I; LL=LibertyLink; N/A=No information available; RR2=Roundup Ready 2; STXRIB=Genuity SmartStax Refuge in the Bag Complete; VT2PRIB=Genuity VecTran Double Protection Refuge in the Bag Complete; VT2Pro=Genuity VecTran Double Protection.

^bYields corrected to 15.5% moisture. Hybrid yields in bold are in the top LSD 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.

^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: Central Great Plains Research Center
 Planting Date: May 16, 2018
 Harvest Date: October 22, 2018
 Fertilizer: Starter: N at 3 and P at 11 lb/ac; Pre-plant: N at 49 lb/ac.
 Herbicide: April 25: Lumax EZ at 2.7 qt/ac and Cornerstone Plus at 1 qt/ac; June 14: Cornerstone Plus at 1.5 qt/ac, Atrazine 4L at 1 pt/ac, and Sterling Blue at 2 oz/ac
 Soil Type: Weld Silt Loam

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