



2019 Dryland Corn Hybrid
Performance Trial at Akron

Brand	Hybrid	Insect and Herbicide Technology Traits ^a	Yield ^b bu/ac	Relative Maturity ^c	Moisture percent	Test Weight lb/bu	Ear Height in	Population plants/ac
Dekalb	DKC51-20RIB	VT2PRIB, RR2	98.8	101	16.3	52.7	36	14,520
Dyna-Gro Seed	D43VC81	VT2PRIB, RR2	96.4	103	18.1	51.4	38	15,101
Dyna-Gro Seed	D39VC40	VT2PRIB, RR2	91.5	99	17.1	53.0	39	12,923
Pioneer	P0622AML	AML, RR2, LL	88.5	106	19.3	51.2	41	14,810
Dekalb	DKC45-66RIB	VT2PRIB, RR2	84.6	105	15.6	52.8	38	13,504
Augusta Seed	A2651	GTA, RR2	83.2	101	18.5	51.7	41	14,810
Rob-See-Co	RC 4343-3220A	AV3220A, RR2	81.2	93	19.0	50.8	41	13,867
Dyna-Gro Seed	D48VC76	VT2PRIB, RR2	79.8	108	23.7	47.7	41	14,810
Rob-See-Co	RC 4915-3120-EZ1	AV3120, RR2, LL	72.7	99	18.2	48.4	42	13,649
Dekalb	DKC47-55RIB	VT2PRIB, RR2	72.4	107	18.4	52.8	37	14,665
Augusta Seed	A5658	3000GT, RR2, LL	71.7	108	28.9	46.7	43	14,738
Dyna-Gro Seed	D50VC30	VT2PRIB, RR2	70.0	110	20.5	50.5	46	15,173
Average			82.6	103	19.4	50.8	40	14,381

^dLSD (P<0.30)

5.8

^aTechnology trait designations: 3000GT=Agrisure 3000GT; AML=AcreMax Leptra; AV3120=Agrisure 3120 E-Z Refuge; AV3220A=Agrisure Viptera 3220 E-Z Refuge Artesian; GTA=Agrisure Glyphosate Tolerant Artesian; LL=LibertyLink tolerant; RR2=Roundup Ready 2 tolerant; VT2PRIB=Genuity VecTran Double Protection Refuge in the Bag Complete.

^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: USDA Central Great Plains Research Center
 Planting Date: June 6, 2019
 Harvest Date: October 26, 2019
 Fertilizer: Pre-plant: N at 50 and S at 10 lb/ac; Starter: N at 5, P at 18, and Zn at 0.25 lb/ac
 Herbicide: May 24: Lumax EZ at 1.7 qt/ac, Cornerstone Plus at 1 qt/ac, 2,4-D LV6 at 1 pt/ac
 Soil Type: Rago silt loam
 Trial Coordinates: 40.1564, -103.14

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