



2020 Dryland Corn Variety  
Performance Trial at Dailey

Brand	Hybrid	Insect and Herbicide Technology Traits <sup>a</sup>	Yield <sup>b</sup> bu/ac	Relative Maturity <sup>c</sup>	Moisture percent	Test Weight lb/bu	Ear Height in	Population plants/ac
Dekalb	DKC47-48	VT2PRIB, RR2	40.8	107	11.4	55.6	21	10,019
Dyna-Gro Seed	D44SS54	STX, RR2, LL	40.4	105	12.6	56.3	25	10,745
LG Seeds	LG 5470VT2	VT2PRIB, RR2	40.0	104	10.4	55.6	23	9,293
Pioneer	P0622	AML, RR2, LL	37.8	106	12.6	56.7	24	12,487
Dekalb	DKC51-20	VT2PRIB, RR2	36.6	101	11.1	55.1	21	10,164
Mycogen Seeds	1040AMXT	AMXT, RR2, LL	36.0	100	12.6	55.4	25	10,600
Dyna-Gro Seed	D45TC55	TRE, RR2	34.8	105	13.8	56.1	21	10,454
Dyna-Gro Seed	D43SS81	STX, RR2, LL	34.0	103	11.0	55.3	23	9,874
Golden Harvest	G08D29	5122, RR2, LL	33.0	108	16.2	55.9	27	11,326
Dekalb	DKC45-66	VT2PRIB, RR2	32.2	105	10.6	54.8	19	9,728
Dyna-Gro Seed	D50VC78	VT2P, RR2	31.8	110	13.0	55.4	26	14,665
Dekalb	DKC51-91	VT2PRIB, RR2	31.8	101	11.4	55.2	22	10,309
Dyna-Gro Seed	D48VC76	VT2P, RR2	31.5	108	15.2	55.9	25	8,712
Master Farmer	W093	VT2P, RR2	31.2	93	12.4	56.0	24	10,600
Dyna-Gro Seed	D48QV22	3330, RR2	30.5	108	13.8	55.5	25	12,052
Rob-See-Co	RC4343	3220, RR2	27.7	93	13.2	56.5	25	11,471
<b>Average</b>			<b>34.4</b>	<b>104</b>	<b>12.6</b>	<b>55.7</b>	<b>23</b>	<b>10,781</b>

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

NS

<sup>d</sup>LSD (P<0.05)

NS

<sup>a</sup>Technology trait designations: 3220=Agrisure Viptera 3220 E-Z Refuge; 3330A=Agrisure Viptera 3330A E-Z Refuge; 5122=Agrisure Duracade 5122 E-Z Refuge; AML=AcreMax Leptra; AMXT=AcreMax Xtreme; LL=LibertyLink tolerant; RR2=Roundup Ready 2 tolerant; STX=SmartStax; TRE=Trecepta; VT2P=VecTran Double Protection; VT2PRIB=Genuity VecTran Double Protection Refuge in the Bag Complete.

<sup>b</sup>Yields corrected to 15.5% moisture.

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

<sup>d</sup>Yield trial data could not be interpreted due to the high degree of field variability. The yield results should not be used for selecting superior hybrids.

**Site Information**

Collaborator: Mark and Neal Lambert

Planting Date: May 20, 2020

Harvest Date: October 16, 2020

Fertilizer: Pre-plant: N at 45, P at 27 lb/ac applied as compost. Starter: N at 30, P at 10, and Zn at 0.5 lb/ac

Herbicide: Post-emerge: Roundup PowerMAX and DiFlexx at labeled rates and 1 lb/ac of Atrazine

Soil Type: Haxtun Sandy Loam

Trial Coordinates: 40.663, -102.742

Comments: Trial was damaged by hail on September 28

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