



**CROP PERFORMANCE  
TESTING**

**Clay County Irrigated  
2022 Corn Hybrid Trial**

Name	Company	Final Stand (plants/acre)	Ear Height (in)	Test Weight (lb/bu)	Yield (bu/ac) <sup>1</sup>
<b>8681</b>	Prairie Hybrids	<b>34161</b>	29.4	<b>58.8</b>	<b>268.1</b>
<b>Check</b>	NA	<b>33687</b>	29.6	<b>58.9</b>	<b>261.3</b>
<b>8759</b>	Prairie Hybrids	<b>34751</b>	<b>35.4</b>	53.5	<b>256.5</b>
<b>8960</b>	Prairie Hybrids	<b>33331</b>	29.4	57.8	245.7
<b>8290</b>	Prairie Hybrids	<b>32725</b>	31.4	<b>58.4</b>	240.0
<b>DB33-13</b>	DenBesten	32233	32.8	56.4	236.9
<b>DB38-06</b>	DenBesten	<b>34529</b>	29.4	<b>58.5</b>	226.4
<b>DB31-11</b>	DenBesten	31643	29.6	<b>58.9</b>	224.9
	<b>Standard Error</b>	891	1.0	0.6	7.4
	<b>LSD<sup>2</sup></b>	1517	1.7	1.0	12.5
	<b>Mean<sup>3</sup></b>	33,383	30.9	57.6	245.0
	<b>CV<sup>4</sup></b>	2.7	3.3	1.1	3.0
	<b>Reps</b>	5	5	5	5

**SITE INFORMATION**

Collaborator: South Central Ag Lab, Harvard, NE  
Planting Date: April 28, 2022  
Target Population 35,600 seeds/acre  
Harvest Date: 10/20/2022  
Fertility: 200 lb/a N as anhydrous ammonia  
Herbicide/Fungicides: Acuron 2.5 qt/a on 5/31/22 : Status 5 oz/a, Warrant 1.5qt/a on 6/23/22  
Soil Type: Crete silt loam  
GPS: 40.573727, -98.134837  
Notes: Planted 2" no-till into good soil moisture after soybeans. Some spotty hail early in the season that did not affect final stand or yields. Check hybrid had a RM of 110 days. Bolded values in table indicate top LSD group for that trait.

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<sup>1</sup> Yield values based on 56 lb/bu test weight and corrected to 15.5% moisture.

<sup>2</sup> For differences between varieties that are equal to or greater than the LSD value, the chance that the difference is significant is 90%.

<sup>3</sup> Mean performance of all entries in the trial.

<sup>4</sup> Coefficient of Variation (CV) indicates the quality of a trial, and lower than 15 indicates a high quality trial.