



**CROP PERFORMANCE  
TESTING**

**Saunders County Rainfed  
2022 Corn Hybrid Trial**

Name	Company	Final Stand (plants/acre)	Ear Height (in)	Test Weight (lb/bu)	Yield (bu/ac) <sup>1</sup>
<b>6590</b>	Prairie Hybrids	<b>27,786</b>	41.6	55.3	<b>226.0</b>
<b>6878</b>	Prairie Hybrids	<b>28,020</b>	42.4	<b>55.8</b>	<b>215.0</b>
<b>DB31-11</b>	DenBesten	26,144	41.8	<b>56.9</b>	<b>206.0</b>
<b>DB38-06</b>	DenBesten	27,249	39.4	<b>56.5</b>	201.1
<b>5142</b>	Prairie Hybrids	<b>27,447</b>	43.2	55.4	199.3
<b>Farm Check</b>	NA	27,204	41.8	53.6	198.0
<b>5900</b>	Prairie Hybrids	<b>27,825</b>	39.2	55.1	195.4
<b>8290</b>	Prairie Hybrids	27,076	<b>46.8</b>	<b>56.2</b>	189.1
<b>DB33-13</b>	DenBesten	<b>27,436</b>	<b>48</b>	54.1	187.8
<b>8759</b>	Prairie Hybrids	<b>28,115</b>	44.2	52.2	161.6
	<b>Standard Error</b>	508	1.3	0.6	13.9
	<b>LSD<sup>2</sup></b>	858	2.1	1.1	23.5
	<b>Mean<sup>3</sup></b>	27,430	42.8	55.1	197.9
	<b>CV<sup>4</sup></b>	1.9	2.9	1.1	7.0
	<b>Reps</b>	5	5	5	5

**SITE INFORMATION**

Collaborator: ENREC, Ithaca, NE  
Planting Date: 6/1/2022 (replant date)  
Target Population 27,700 seeds/acre  
Harvest Date: 11/1/2022  
Fertility: 150 lbs/a N as 32% liquid UAN  
Herbicide/Fungicides: 2 qt/a Acuron, 30 oz/a Roundup preemergent, 2.5 oz/a Status post  
Soil Type: Tomek silt loam  
GPS: 41.167477, -96.406935  
Notes: Planted 2" into disked soybean stubble. First planting date in late May was destroyed by seed corn maggots, so trial was replanted as soon as possible. Check hybrid had a RM of 113 days. Bolded values in table indicate top LSD group for that trait. Some lodging was observed, primarily affecting hybrids 8290 (46%) and DB33-13 (34%), but CV for the data was also high so effects of lodging were variable and full dataset is not

<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.

included. Yields were reasonable considering moderate drought, and final stand of replanted trial was excellent.

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