



**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) ¹
6590	Prairie Hybrids	27,786	41.6	55.3	226.0
6878	Prairie Hybrids	28,020	42.4	55.8	215.0
DB31-11	DenBesten	26,144	41.8	56.9	206.0
DB38-06	DenBesten	27,249	39.4	56.5	201.1
5142	Prairie Hybrids	27,447	43.2	55.4	199.3
Farm Check	NA	27,204	41.8	53.6	198.0
5900	Prairie Hybrids	27,825	39.2	55.1	195.4
8290	Prairie Hybrids	27,076	46.8	56.2	189.1
DB33-13	DenBesten	27,436	48	54.1	187.8
8759	Prairie Hybrids	28,115	44.2	52.2	161.6
	Standard Error	508	1.3	0.6	13.9
	LSD²	858	2.1	1.1	23.5
	Mean³	27,430	42.8	55.1	197.9
	CV⁴	1.9	2.9	1.1	7.0
	Reps	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

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

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

³ Mean performance of all entries in the trial.

⁴ 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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