



**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) ¹
8681	Prairie Hybrids	34161	29.4	58.8	268.1
Check	NA	33687	29.6	58.9	261.3
8759	Prairie Hybrids	34751	35.4	53.5	256.5
8960	Prairie Hybrids	33331	29.4	57.8	245.7
8290	Prairie Hybrids	32725	31.4	58.4	240.0
DB33-13	DenBesten	32233	32.8	56.4	236.9
DB38-06	DenBesten	34529	29.4	58.5	226.4
DB31-11	DenBesten	31643	29.6	58.9	224.9
	Standard Error	891	1.0	0.6	7.4
	LSD²	1517	1.7	1.0	12.5
	Mean³	33,383	30.9	57.6	245.0
	CV⁴	2.7	3.3	1.1	3.0
	Reps	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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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.