



**CROP PERFORMANCE  
TESTING**

**Clay County Rainfed  
2021 Corn Hybrid Trial**

Name	Company	Relative Maturity (days) <sup>1</sup>	Ear Height (in)	Test Weight (lb/bu)	Yield (bu/ac) <sup>2</sup>	Final Stand (plants/acre)
Check	NA	105	42.5	57.5	191.8	27,165
8759	Prairie Hybrids	115	48.1	55.1	191.3	27,352
8960	Prairie Hybrids	114	44.8	55.9	188.4	26,977
8290	Prairie Hybrids	114	49.3	58.6	169.2	26,551
Check	NA	93	44.0	58.1	157.4	24,833
Check	NA	110	46.3	58.1	157.4	26,209
	<b>Standard Error</b>	-	0.9	0.4	13.4	424
	<b>LSD<sup>3</sup></b>	-	1.5	0.8	23.2	731
	<b>Mean<sup>4</sup></b>	-	45.8	57.2	175.9	26,515
	<b>CV<sup>5</sup></b>	-	1.9	0.8	7.6	1.6
	<b>Reps</b>	-	5	5	5	5

**SITE INFORMATION**

Collaborator: South Central Ag Lab, Clay Center, NE  
Planting Date: April 30, 2021  
Target Population 27,700 seeds/acre  
Harvest Date: October 18, 2021  
Fertility: 180 lb/a N as 32-0-0  
Herbicide/Fungicides: 22 oz/a Roundup + 2.5 qt/a Acuron 5/8/21  
Soil Type: Crete silt loam  
GPS: 40.5757, -98.1296  
Notes: Planted no-till into soybean residue. Soil temperature 58F at planting.

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<sup>1</sup> Relative maturities are provided by the respective companies and determination of rating may vary by company.

<sup>2</sup> Yield values based on 56 lb/bu test weight and corrected to 15.5% moisture.

<sup>3</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>4</sup> Mean performance of all entries in the trial.

<sup>5</sup> Coefficient of Variation (CV) indicates the quality of a trial, and lower than 15 indicates a high quality trial. For CV>15, there was higher than expected variability in the field or the data and the results should be used with caution.