



**CROP PERFORMANCE
TESTING**

**Saunders County Rainfed
2021 Corn Hybrid Trial**

Name	Company	Relative Maturity (days) ¹	Ear Height (in)	Test Weight (lb/bu)	Yield (bu/ac) ²	Final Stand (plants/acre)
6590	Prairie Hybrids	111	48.5	57.6	246.8	27,163
HFG1142	Hi Fidelity Genetics	114	53.3	53.2	246.5	28,440
EXP2118	Hi Fidelity Genetics	114	53.2	57.0	244.3	28,386
Check	NA	111	43.8	59.7	243.1	28,476
8290	Prairie Hybrids	114	51.1	57.1	238.5	28,756
5900	Prairie Hybrids	108	47.6	56.5	233.1	26,267
7355	Prairie Hybrids	112	42.7	56.5	232.6	28,610
6878	Prairie Hybrids	112	50.5	56.2	231.4	27,306
5141	Prairie Hybrids	108	48.9	54.5	229.1	26,394
HFG1132	Hi Fidelity Genetics	113	51.1	58.1	227.0	27,056
EXP2035	Hi Fidelity Genetics	-	47.3	56.2	219.8	27,888
Check	NA	105	46.4	57.7	209.6	26,029
	Standard Error	-	1.3	0.6	7.8	634
	LSD³	-	2.2	1.0	13.1	1065
	Mean⁴	-	48.7	56.7	233.5	27,564
	CV⁵	-	2.7	1.1	3.3	2.3
	Reps	-	5	5	5	5

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

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

³ For differences between varieties that are equal to or greater than the LSD value, the chance that the difference is significant is 90%.

⁴ Mean performance of all entries in the trial.

⁵ 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.

SITE INFORMATION

Collaborator: Eastern NE Research and Extension Center, Ithaca, NE
Planting Date: May 5, 2021
Target Population 27,700 seeds/acre
Harvest Date: October 11, 2021
Fertility: 175 lbs/a N as 32% UAN
Herbicide/Fungicides: 36 oz/a Liberty + 1 oz/a Aim on July 1, 36 oz/a Liberty on July 16
Soil Type: Tomek silt loam
GPS: 41.158456, -96.406833
Notes: Planted no-till into soybean residue. Soil temperature 57F at planting.

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