



Saunders County Rainfed 2023 Corn Hybrid Trial

Name	Company	Yield (bu/ac) ¹	Test Weight (lb/bu)	Ear Height (in)	Stand (plants/acre)
8759	Prairie Hybrids	182.7	54.0	43.7	26,985
8864	Prairie Hybrids	176.0	56.2	32.3	27,081
5883	Prairie Hybrids	173.9	58.1	31.0	26,827
6878	Prairie Hybrids	173.7	55.8	32.8	27,281
5142/5141	Prairie Hybrids	169.7	54.3	39.1	28,354
8683/8681	Prairie Hybrids	168.5	58.0	35.1	27,651
6590	Prairie Hybrids	167.5	55.8	34.8	26,739
Farm Check	NA	159.0	56.1	35.1	22,157
	Standard Error	7.7	0.4	1.1	1,127
	LSD²	13.0	0.7	1.8	1,917
	Mean³	171.4	56.0	35.5	26,634
	CV⁴	4.5	0.8	3.0	4.2
	Reps	5	5	5	5

SITE INFORMATION

Collaborator:	UNL ENREC, Ithaca, NE
Planting Date:	May 4, 2023
Seeding Rate:	27,700 seeds/acre
Harvest Date:	October 11, 2023
GPS Coordinates:	41.15854, -96.40677
Soil Type:	Tomek silt loam
Fertility and Herbicides:	150 lbs/a N as 32% liquid UAN pre-plant, Accuron 2qt/a, Roundup 20 oz/a, & 2,4-D 0.25 pt/a - May 4 pre-emergence: Status & Atrazine – June 7 post-emergence
Planting Info:	Planted 2" on 30" rows no-till soybean stubble, soil moisture at planting was dry
Notes on Trial:	Very good yields and stands in nearly all hybrids, acceptable test weights, about 10% of Hybrid 6878 was lodged, but very low lodging otherwise.

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¹ Yield values corrected to 15.5% moisture. Bolded values indicate highest LSD grouping.

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. For CV>15, there was higher than expected variability in the field or the data and the results should be used with caution.