



**CROP PERFORMANCE
TESTING**

**Holt County Irrigated
2022 Corn Hybrid Trial**

Name	Company	Final Stand (plants/acre)	Test Weight (lb/bu)	Yield (bu/ac) ¹
P1185AM	Pioneer	35,568	57.9	272.8
B10H24AM	Brevant Seeds	34,209	57.2	272.0
DKC62-89	DEKALB	33,201	55.8	263.4
P0622Q	Pioneer	35,850	57.0	263.2
B09Z08AM	Brevant Seeds	34,346	57.0	262.4
DKC59-82	DEKALB	31,380	55.6	259.8
08G252	Fontanelle	34,058	57.0	258.9
P0924Q	Pioneer	35,369	57.7	257.8
B12M18Q	Brevant Seeds	32,351	58.2	249.6
DKC107-3	DEKALB	32,772	56.3	237.8
08D581	Fontanelle	33,718	57.2	235.4
Check	NA	28,071	56.9	234.4
DKC111-3	DEKALB	35,163	55.8	232.7
	Standard Error	930	0.5	9.6
	LSD²	1,553	0.9	16.0
	Mean³	33,543	56.9	253.9
	CV⁴	2.8	0.9	3.8
	Reps	6	6	6

SITE INFORMATION

Collaborator: Jess Miner, O'Neill, NE
Planting Date: May 24, 2022
Target Population: 35,600 seeds/acre
Harvest Date: November 7, 2022
Fertility: 40 lb/a N & 4 lb/a S at planting; 85 lb/a N & 20 lb/a S at V5/tasseling through pivot
Herbicide/Fungicides: Glyphosate + Salvan pre-emergent; RoundUp PowerMax 3, DiFlexx, Atrazine 4L, & Acuron Flexi post-emergent
Soil Type: Jansen loam
GPS: 42.497073, -98.697288

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.

Notes: Planted into no-till soybean stubble that had terminated wheat cover crop. 105-day hybrid used as maturity check in the experiment. Soil temp at planting was 56 Fahrenheit. Rye cover crop airplane seeded into corn in September. Some lodging/green snap up to 20% was present in the plots, but not specific to any hybrid. Bolded values in table indicate top LSD group for that trait.

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