



UNIVERSITY of NEBRASKA
LINCOLN

Perkins County Rainfed 2020 Dryland Corn Hybrid Trial

Name	Company	Yield (bu/a) ¹	Test Weight (lb/bu)	Average Ear Height (in)
D43SS81	Dyna-Gro Seed	68.7	56.3	21.4
D52DC82	Dyna-Gro Seed	67.3	54.3	25.4
HFG1091	Hi Fidelity Genetics	64.1	52.6	27.5
D52SS91	Dyna-Gro Seed	63.5	53.9	21.1
HFG1111	Hi Fidelity Genetics	60.8	50.3	24.9
D48QV22	Dyna-Gro Seed	59.4	53.6	26.4
96 Day Maturity Check	DeKalb	58.6	56.4	19.0
D51VC41	Dyna-Gro Seed	57.5	52.8	23.0
93 Day Maturity Check	NA	57.0	54.8	20.1
HFG1071	Hi Fidelity Genetics	56.2	55.6	22.4
	Standard Error	3.9	0.5	1.0
	LSD²	6.7	0.8	1.7
	Mean³	61.3	54.0	23.1
	CV⁴	6.4	0.9	4.3
	Reps	5	5	5

SITE INFORMATION

Collaborator: Justin Richardson; UNL Stumpf Research Farm, Grant, NE
Planting Date: June 4, 2020
Harvest Date: October 8, 2020
Seeding Information: 17,500 seeds per acre using precision vacuum seeder with liquid in-furrow starter fertilizer.
Planting Conditions: Seeding depth of 1.5" into decent moisture.
GPS: 40.845410, -101.705448
Notes: Planted into no-till wheat stubble.
Emergence rate was not significantly different across genotypes and averaged 90% for the trial.
Further details regarding hybrid characteristics, maturities, and cultural practices will be forthcoming in the Spring Seed Guide.

¹ Yield adjusted to 15.5% moisture and assuming 56 lb/bu test weight.

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.

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