UNIVERSITY of NEBRASKA
LINCOLN

Clay County Irrigated
2020 Irrigated Corn Hybrid Trial

Name	Company	Emergence (%)[1]	Yield (bu/a)[2]	Test Weight (lb/bu)	Average Ear Height (in)
HFG1142	Hi Fidelity Genetics	98.5	292.5	54.6	49.3
D54VC34	Dyna-Gro Seed	97.9	290.5	57.9	45.0
8759	Prairie Hybrids	96.8	284.7	54.5	50.0
D52DC82	Dyna-Gro Seed	94.7	269.3	57.1	47.3
8229	Prairie Hybrids	97.8	268.6	56.9	50.0
D54VC14	Dyna-Gro Seed	93.1	268.2	58.4	44.3
8290	Prairie Hybrids	99.5	261.2	57.6	47.8
HFG1111	Hi Fidelity Genetics	98.8	260.7	58.1	45.5
6590	Prairie Hybrids	99.1	256.7	57.5	46.0
D54SS74	Dyna-Gro Seed	98.9	255.3	57.3	43.0
6878	Prairie Hybrids	95.1	252.2	56.6	42.0
D48QV22	Dyna-Gro Seed	98.3	247.2	56.6	43.8
D52SS91	Dyna-Gro Seed	99.5	243.7	58.2	38.3
D51VC41	Dyna-Gro Seed	100.5	240.0	57.4	40.5
D57VC17	Dyna-Gro Seed	98.1	233.7	58.1	46.0
HFG1091	Hi Fidelity Genetics	99.8	231.4	56.0	43.5
D58SS65	Dyna-Gro Seed	99.4	229.4	57.5	41.0
D53VC33	Dyna-Gro Seed	98.3	225.8	57.5	46.3
96 Day Maturity Check	DeKalb	98.8	191.1	59.0	33.0
93 Day Maturity Check	NA	98.7	172.9	57.6	34.8
	Standard Error	1.7	12.9	0.5	1.0
	LSD[3]	2.8	21.6	0.8	1.7
	Mean[4]	98.1	248.8	57.2	43.8
	CV[5]	1.7	5.2	0.9	2.3
	Reps	5	5	5	5

[1] Germination calculated based on final stand count relative to number of seeds planted per plot.
[2] Yield adjusted to 15.5% moisture and assuming 56 lb/bu test weight.
[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:	South Central Ag Lab; Clay Center, NE
Planting Date:	April 29, 2020
Harvest Date:	October 9, 2020
Seeding Information:	35,600 seeds/acre
GPS:	40.573653, -98.134205
Notes:	Planted into no-till soybean residue. Further details regarding hybrid characteristics, maturities, and cultural practices will be forthcoming in the Spring Seed Guide.