



**CROP PERFORMANCE
TESTING**

**Clay County Irrigated
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)
D57TC29RIB	DynaGro Seeds	115	50.5	54.0	332.6	33,939
8290	Prairie Hybrids	114	56.0	57.6	329.8	34,536
HFG1142	Hi Fidelity Genetics	114	57.5	54.4	321.5	36,931
8759	Prairie Hybrids	115	54.3	54.3	308.4	35,328
D54SS34RIB	DynaGro Seeds	114	53.8	60.1	307.2	36,150
EXP2118	Hi Fidelity Genetics	114	59.7	58.7	303.8	36,528
D51SS61RIB	DynaGro Seeds	111	53.3	57.5	299.7	33,866
D51VC67RIB	DynaGro Seeds	111	47.5	57.1	299.1	34,873
D52DC82RIB	DynaGro Seeds	112	54.7	57.3	298.2	36,200
D53TC19RIB	DynaGro Seeds	113	54.0	57.4	296.4	34,553
D54SS74RIB	DynaGro Seeds	114	50.3	58.1	294.7	37,129
D51SS41RIB	DynaGro Seeds	111	49.8	56.7	290.5	36,781
D54VC14RIB	DynaGro Seeds	114	50.8	58.9	272.8	36,697
Check	NA	110	51.3	58.5	270.0	36,024
6878	Prairie Hybrids	112	45.8	57.2	269.2	34,159
D57VC17RIB	DynaGro Seeds	115	51.7	58.7	245.5	34,644
HFG1132	Hi Fidelity Genetics	113	51.7	58.9	233.7	34,938
D58VC65RIB	DynaGro Seeds	118	50.3	58.0	173.0	35,832
	Standard Error	-	1.4	0.7	18.6	1130
	LSD³	-	2.3	1.1	31.2	1893
	Mean⁴	-	52.4	57.4	285.9	35,506
	CV⁵	-	2.6	1.2	6.5	3.2
	Reps	-	4	4	4	4

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: South Central Ag Lab, Clay Center, NE
Planting Date: April 30, 2021
Target Population 35,600 seeds/acre
Harvest Date: October 18, 2021
Fertility: 200 lb/a N NH3 applied on April 9, 2021
Herbicide/Fungicides: 2.5 qt. Acuron applied on May 8, 2021
Soil Type: Crete silt loam
GPS: 40.568430, -98.135561
Notes: Planted no-till into soybean residue. Soil temperature 58F at planting.

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