



UNIVERSITY of NEBRASKA  
LINCOLN

## Cheyenne County Rainfed 2020 Dryland Corn Hybrid Trial

Name	Company	Emergence (%) <sup>1</sup>	Yield (bu/a) <sup>2</sup>	Test Weight (bu/a)	Average Ear Height (in)
197-66 VT2 RIB	Channel Seed	93.7	40.0	56.5	25.1
A9436VT2P	FBN Seed	92.5	33.8	55.5	26.3
193-53 VT2 RIB	Channel Seed	89.8	33.6	55.5	20.9
Regional Check	NA	89.5	33.3	55.9	24.5
194-49 DGVT2 RIB	Channel Seed	97.2	32.9	55.9	24.5
A9567VT2P	FBN Seed	94.5	31.7	55.2	24.9
D40VC41	Dyna-Gro Seed	96.8	30.7	56.3	25.9
MBZ-C939	FBN Seed	76.7	28.5	54.8	28.7
D43SS81	Dyna-Gro Seed	98.7	28.3	56.2	24.4
HFG1091	Hi Fidelity Genetics	98.4	24.3	50.5	28.6
HFG1071	Hi Fidelity Genetics	95.2	23.9	55.7	24.4
HFG1111	Hi Fidelity Genetics	91.0	23.2	53.9	26.9
D48QV22	Dyna-Gro Seed	91.4	15.3	50.8	27.1
	<b>Standard Error</b>	5.3	4.6	0.7	0.9
	<b>LSD<sup>3</sup></b>	8.9	7.7	1.3	1.6
	<b>Mean<sup>4</sup></b>	92.7	29.2	54.8	25.6
	<b>CV<sup>5</sup></b>	5.7	15.8	1.3	3.5
	<b>Reps</b>	5	5	5	5

### SITE INFORMATION

Collaborator: UNL High Plains Ag Lab, Sidney, NE  
Planting Date: June 7, 2020  
Harvest Date: October 2, 2020  
Seeding Information: 15,000 seeds per acre using precision vacuum seeder with liquid in-furrow starter fertilizer.  
Planting Conditions: Seeding depth of 1.5" into decent moisture.  
Soil temperature of 59°F.  
GPS: 41.241710, -102.993875

<sup>1</sup> Germination calculated based on final stand count relative to number of seeds planted per plot.

<sup>2</sup> Yield adjusted to 15.5% moisture and assuming 56 lb/bu test weight.

<sup>3</sup> For differences between varieties that are equal to or greater than the LSD value, the chance that the difference is significant is 90%.

<sup>4</sup> Mean performance of all entries in the trial.

<sup>5</sup> 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.

Notes: Planted into no-till wheat stubble.  
Further details regarding hybrid characteristics, maturities, and cultural practices will be forthcoming in the Spring Seed Guide.  
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