



UNIVERSITY of NEBRASKA
LINCOLN

Saunders County Rainfed 2020 Dryland Corn Hybrid Trial

| Name | Company | Emergence (%) ¹ | Yield (bu/a) ² | Test Weight (bu/a) | Average Ear Height (in) |
|-----------------------|-------------------------|----------------------------|---------------------------|--------------------|-------------------------|
| D54VC34 | Dyna-Gro Seed | 83.9 | 96.8 | 56.2 | 36.5 |
| D54VC14 | Dyna-Gro Seed | 88.2 | 90.1 | 57.7 | 35.5 |
| 6590 | Prairie Hybrids | 90.2 | 86.6 | 55.9 | 33.7 |
| D53VC33 | Dyna-Gro Seed | 88.8 | 80.1 | 56.0 | 35.4 |
| 96 Day Maturity Check | NA | 87.5 | 78.1 | 55.9 | 32.6 |
| 8290 | Prairie Hybrids | 74.1 | 76.5 | 58.3 | 36.2 |
| D52DC82 | Dyna-Gro Seed | 79.8 | 74.3 | 54.7 | 37.5 |
| 5141 ORG | Prairie Hybrids | 78.5 | 73.5 | 54.3 | 34.2 |
| 4850 | Prairie Hybrids | 80.9 | 72.5 | 57.6 | 36.3 |
| 6341 ORG | Prairie Hybrids | 81.0 | 72.3 | 55.8 | 38.0 |
| 93 Day Maturity Check | NA | 82.3 | 71.3 | 54.7 | 30.6 |
| D52SS91 | Dyna-Gro Seed | 75.6 | 58.4 | 56.6 | 30.5 |
| | | | | | |
| | Standard Error | 5.8 | 8.6 | 0.8 | 1.3 |
| | LSD³ | 9.8 | 14.4 | 1.3 | 2.1 |
| | Mean⁴ | 82.6 | 77.5 | 56.1 | 34.8 |
| | CV⁵ | 7.0 | 11.1 | 1.4 | 3.7 |
| | Reps | 5 | 5 | 5 | 5 |

SITE INFORMATION

Collaborator: UNL ENREC; Ithaca, NE

Planting Date: May 1, 2020

Harvest Date: October 8, 2020

Seeding Information: 24,200 seeds planted per acre

GPS: 41.158546, -96.414108

Notes: Planted into no-till soybean residue.

Further details regarding hybrid characteristics, maturities, and cultural practices will be forthcoming in the Spring Seed Guide.

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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.