

## 2025 Dryland Grain Sorghum Hybrid Performance Trial at Sheridan Lake

Brand	Hybrid	Grain Yield <sup>a</sup>		2-Year Test		Emergent Plant		Harvest		50% Maturity	Plant Height	Maturity Group <sup>d</sup>	Grain Color
		bu/ac	% of test avg.	Avg. Yield bu/ac	Weight lb/bu	Moisture percent	Population plants/ac	Population heads/ac	Tillering <sup>c</sup> tillers/plant				
Dyna-Gro Seed	GX25914	<b>126.3</b>	125%	-	63.0	13.7	32,726	44,474	0.4	128	51	ME	Bronze
Dekalb	DKS36-07	<b>124.0</b>	123%	84	62.7	12.4	38,342	48,060	0.3	111	52	ME	Bronze
Dyna-Gro Seed	M62GC23	118.0	117%	87	62.4	12.3	36,708	48,105	0.3	104	47	ME	Cream
Dyna-Gro Seed	M59GB94	115.9	115%	83	62.0	13.2	29,410	39,194	0.3	116	50	E	Bronze
Dekalb	DKS38-16	115.1	114%	78	<b>64.2</b>	13.3	31,542	42,140	0.3	108	51	ME	Bronze
Alta Seeds	ADV G1125IG	114.3	113%	-	60.0	12.3	28,579	36,458	0.3	111	47	ME	Red
Dyna-Gro Seed	GX24911	112.9	112%	-	61.8	12.3	33,698	46,797	0.4	112	41	E	Red
BH Genetics	BH 3701C	106.2	105%	78	61.7	12.2	35,420	44,471	0.3	107	48	ME	Cream
Croplan	CP6111A	105.8	105%	-	61.7	12.3	33,494	44,159	0.3	112	43	ME	Red
Hoegemeyer Seed	H6020	102.1	101%	73	62.0	11.8	35,894	46,771	0.3	108	50	ME	Red
Croplan	CP5811A	99.2	98%	-	61.2	11.2	39,164	46,649	0.2	109	46	E	Bronze
Hoegemeyer Seed	H6041	96.8	96%	-	61.6	11.8	36,204	50,755	0.4	106	48	ME	White
Dekalb	DKS29-95	96.3	96%	73	59.6	11.4	32,260	43,439	0.4	107	43	E	Dark Red
BH Genetics	BH 3818	95.9	95%	68	61.9	12.1	33,050	42,903	0.3	110	42	ME	Red
Dekalb	DKS29-28	94.8	94%	71	60.2	11.0	29,045	48,687	0.7	109	40	E	Bronze
Dekalb	DKS28-16	94.5	94%	68	62.1	12.4	36,268	58,356	0.6	108	45	E	Bronze
Croplan	CP6011	93.6	93%	-	61.8	12.1	36,914	47,214	0.3	109	49	ME	Bronze
American Acres	AS258R	93.2	92%	-	61.6	12.7	26,262	30,085	0.1	109	55	ME	Red
Dekalb	DKS28-07	91.1	90%	67	59.5	10.9	36,025	47,028	0.3	107	42	E	Bronze
Dyna-Gro Seed	GX25301	90.7	90%	-	60.7	12.0	25,959	43,764	0.7	113	42	E	Bronze
Dyna-Gro Seed	M59GB57	87.9	87%	64	60.8	12.0	33,644	42,899	0.3	104	41	E	Bronze
Hoegemeyer Seed	H6006	85.4	85%	62	61.9	12.3	32,747	55,281	0.7	107	47	ME	Red
American Acres	AS212R	80.3	80%	-	61.8	12.1	31,097	42,517	0.4	105	44	E	Red
Dyna-Gro Seed	GX25304	79.6	79%	-	59.9	13.1	28,756	36,865	0.3	122	45	E	Cream
<b>Average</b>		<b>100.8</b>	<b>100%</b>	<b>73</b>	<b>61.5</b>	<b>12.2</b>	<b>33,100</b>	<b>44,900</b>	<b>0.4</b>	<b>September 11, 2025</b>	<b>46</b>	-	-
LSD (.30)		5.7			0.4								
LSD (.05)		10.8			0.8								
Coefficient of Variation (CV)		7%			0.5%								

<sup>a</sup>Yields adjusted to 14% moisture and hybrids ranked by yield. Hybrid yields in bold are in the top LSD group (.30).

<sup>b</sup>Harvest population is the total number of grain-producing heads/panicles counted at harvest that were mature, including tillers.

<sup>c</sup>Average number of productive (grain containing and mature) tiller heads per plant. Does not include main plant head.

<sup>d</sup>Maturity group: E=early; ME=medium-early; M=medium. Maturity groups are provided by the company and may not align with the observed maturity dates in the trial due to the latitude and relatively high elevation of the trial site (3,990 feet).

<sup>e</sup>Farmers selecting a variety based on yield should use the LSD (.30) to protect themselves from false negative conclusions (concluding varieties are the same when they are actually different). Companies or researchers may use the LSD (.05) to avoid false positive conclusions (concluding varieties are different when they are actually the same).

### Site Information

Collaborator: Scherler Farms

Planting Date: May 23, 2025

Harvest Date: October 31, 2025

Fertilizer: Starter: 3.5 lb/ac N and 11.8 lb/ac of P as 10-34-0 in furrow

Soil Type: Fort Collins sandy loam

GPS Coordinates: 38.5419698, -102.4591133

Trial Comments: Planted 1" deep into moisture. Average stands and emergence, partially due to heavy rain two weeks after planting. Heavy sandbur weed pressure, which was 70% controlled in harvested rows by pre-emerge herbicide, and a single application of glyphosate with a hooded sprayer. Trial average maturity date of Sept. 11th. Nearby weather station totals showed the trial received about 19.3 inches of rain from planting to harvest.

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