SOIL AND CROP SCIENCES
COLORADO STATE UNIVERSITY

CROPS TESTING PROGRAM

2025 Dryland Grain Sorghum Hybrid Performance Trial at Walsh

Brand	Hybrid	Grain Yield[a]	Yield	2-Year Avg. Yield	Test Weight	Moisture	Emerged Plant Population	Plant Height	Maturity Group[b]	Grain Color
		bu/ac	% of test avg.	bu/ac	lb/bu	percent	plants/ac	inches		
Dyna-Gro Seed	M62GC23	**84.5**	123%	69	54.2	13.1	27,400	34	ME	Cream
Dekalb	DKS28-16	**80.8**	117%	63	**56.9**	13.7	27,100	39	E	Bronze
Dekalb	DKS28-07	76.3	111%	63	56.2	13.8	25,100	35	E	Bronze
Rob-See-Co	GS6455	75.4	109%	60	55.3	13.8	27,100	38	ME	Bronze
BH Genetics	BH 3701C	75.0	109%	65	55.4	14.2	30,100	34	ME	Cream
Dekalb	DKS36-07	74.4	108%	62	54.8	13.3	27,100	36	ME	Bronze
Dekalb	DKS29-95	74.1	108%	61	56.2	14.7	27,500	35	E	Dark Red
BH Genetics	BH 3818	72.2	105%	66	55.0	13.3	24,700	33	ME	Red
Dyna-Gro Seed	GX24911	71.5	104%	-	**57.1**	14.1	23,400	33	E	Red
American Acres	AS258R	70.4	102%	-	55.4	13.8	20,900	45	ME	Red
Dekalb	DKS29-28	69.8	101%	62	**58.2**	14.3	28,100	31	E	Bronze
Rob-See-Co	GS6166W	67.3	98%	55	55.7	13.3	27,800	38	ME	White
Dyna-Gro Seed	M59GB94	67.1	97%	56	53.4	12.9	21,200	39	E	Bronze
Rob-See-Co	GS5199	66.8	97%	-	56.4	13.5	26,100	34	E	Red
Dyna-Gro Seed	M59GB57	66.0	96%	62	**57.3**	14.6	24,200	31	E	Bronze
Dyna-Gro Seed	GX25301	64.6	94%	-	56.3	14.2	29,000	33	E	Bronze
Dyna-Gro Seed	M62GB36	64.2	93%	53	54.2	13.3	26,800	39	ME	Bronze
American Acres	AS212R	63.8	93%	-	56.3	13.6	28,900	36	E	Red
Rob-See-Co	GS5423	63.7	93%	54	56.4	14.1	29,600	30	E	Bronze
Dyna-Gro Seed	GX25305	63.6	92%	-	52.7	14.8	27,400	38	ME	Red
Dekalb	DKS38-16	63.4	92%	60	**57.3**	14.3	27,700	38	ME	Bronze
Dyna-Gro Seed	GX25914	60.4	88%	-	54.1	13.2	29,300	40	ME	Bronze
Dyna-Gro Seed	GX25304	48.7	71%	-	54.6	14.0	28,400	36	E	Cream
	Average	**68.9**	**100%**	**61**	**55.6**	**13.8**	**26,700**	**36**	**-**	**-**
	[c]LSD (.30)	6.3			1.3					
	[c]LSD (.05)	12.0			2.4					
	Coefficient of Variation (CV)	6.5%			1.6%					

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

[b]Maturity group: E=Early; ME=Medium-Early; M=Medium. Maturity groups are provided by the company.

[c]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:	Plainsman Research Center
Planting Date:	June 23, 2025
Harvest Date:	November 29, 2025
Fertilizer:	Fall strip tillage applied 60 lb of N and 20 lb of P per acre
Herbicides:	Early pre-plant: Valkos SC at 2 oz/ac, Dicamba DMA at 4 oz/ac, Buccaneer 5 Extra at 36.5 oz/ac Pre-plant: Buccaneer 5 Extra at 32 oz/ac, Moccasin at 21 oz/ac, Explorer at 5 oz/ac, Atrazine 4L at 32 oz/ac Pre-emerge: Buccaneer 5 Extra at 32 oz/ac, Warrant at 64 oz/ac, and Atrazine 4L at 16 oz/ac
Soil Type:	Richfield silt loam
GPS Coordinates:	37.435727039, -102.3189338
Trial Comments:	Planted into moisture, good stands and emergence. Excellent weed control throughout the season. Nearby weather station totals showed the trial received about 6.7 inches of rain from planting to harvest.

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