

2025 Sprinkler Irrigated Grain Sorghum Hybrid Performance Trial at Walsh

Brand	Hybrid	Grain		Test Weight	Moisture	Emerg'd Plant Population	Maturity Group ^b	Grain Color
		Yield ^a bu/ac	Yield % of test average					
Dekalb	DKS36-07	130.6	118%	63.2	12.5	30,395	ME	Bronze
Dyna-Gro	GX25914	130.3	117%	64.2	13.9	28,556	ME	Bronze
BH Genetics	BH 4220	129.9	117%	63.4	13.1	30,105	ME	Bronze
Rob-See-Co	GS6166W	127.5	115%	62.8	13.3	29,718	ME	White
Rob-See-Co	GS6455	123.0	111%	64.7	13.0	27,491	ME	Bronze
BH Genetics	BH 4820	122.1	110%	64.1	13.5	26,039	M	Red
Advanta	ADV G1125IG	115.6	104%	63.1	13.4	27,588	ME	Red
Dyna-Gro	GX25305	113.5	102%	62.0	11.9	26,717	ME	Bronze
Dyna-Gro	M62GB36	113.3	102%	62.8	13.0	29,040	ME	Bronze
Dyna-Gro	M59GB94	111.9	101%	63.1	13.0	28,943	E	Bronze
Dyna-Gro	M62GC23	110.2	99%	62.4	11.6	25,168	ME	Cream
Dekalb	DKS38-16	110.0	99%	64.3	12.6	27,104	ME	Bronze
Dekalb	DKS29-95	108.7	98%	60.9	10.8	27,201	E	Dark Red
Dekalb	DKS28-16	95.0	86%	62.5	11.3	27,298	E	Bronze
Dekalb	DKS28-07	94.7	85%	60.1	10.5	28,459	E	Bronze
Dekalb	DKS29-28	93.2	84%	60.8	10.4	26,136	E	Bronze
Rob-See-Co	GS5199	89.6	81%	60.7	11.1	27,104	E	Red
Rob-See-Co	GS5423	76.2	69%	58.6	9.3	23,426	E	Bronze
Average		110.9	100%	62.4	12.1	27,600		
		^c LSD (.30)	6.1	0.7				
		^c LSD (.05)	11.7	1.4				
		CV:	7.4	5.1				

^aYields adjusted to 14% moisture and hybrids ranked by yield. Hybrid yields in bold are in the top LSD group (.30).

^bMaturity group: E=early; ME=medium-early; M=medium. Maturity groups are provided by the company.

^cFarmers 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: Zane Jenkins and Perry Jones
 Planting Date: June 4, 2025
 Harvest Date: October 31, 2025
 Fertilizer: Fall Strip Till: N at 158 and P at 30 lb/ac
 Planter: N at 5, P at 20, and Zn at 0.5 lb/ac
 Previous Crop: Corn
 Herbicide: Early Preplant: Buccanner 5 Extra at 32 oz/ac, Mocassin at 21 oz/ac, Explorer at 5 oz/ac, Atrazine 4L at 32 oz/ac, Sharpen at 2 oz/ac
 Preplant: Buccanner 5 Extra at 2 oz/ac, Atrazine 4L at 16 oz/ac, Sharpen at 3 oz/ac
 Soil Type: Ulysses and norka silt loams
 GPS Coordinates: 37.4282760, -102.3258907
 Trial Comments: Planted into moisture. Average stands and emergence. Nearby weather station totals showed the trial received about 6.7 inches of rain from planting to harvest.

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