



UNIVERSITY of NEBRASKA
LINCOLN

Lancaster County Rainfed 2025 Grain Sorghum Hybrid Trial

Name	Company	Yield (bu/ac) ¹	Test Weight (lb/bu)	Stand (pl/a)	Plant Height (in)
BH 4220	BH Genetics	143.2	54.7	65,725	55.3
BH 3701C	BH Genetics	139.1	50.4	72,740	53.5
M62GB36	DYNA-GRO	135.5	54.8	54,343	54.6
AS236W	Arrow Seed	131.1	52.8	56,909	57.4
BH 3818	BH Genetics	129.6	53.4	66,149	48.6
BH 3939	BH Genetics	126.8	53.3	59,203	55.8
M70GR37	DYNA-GRO	120.8	54.4	50,116	56.7
BH 4820	BH Genetics	119.1	55.1	65,228	57.6
M66GR32	DYNA-GRO	114.9	54.7	63,037	56.8
AS258R	Arrow Seed	108.9	48.8	54,853	60.2
AS212	Arrow Seed	104.2	53.2	56,064	52.1
Summary Statistics					
Standard Error		4.1	0.6	1,961	1.4
LSD ²		6.9	0.9	3,270	2.3
Mean ³		124.8	53.2	60,397	55.3
CV ⁴		3.3	1.1	3.2	2.5
Reps		8	8	8	8

SITE INFORMATION

Collaborator:	UNL Agronomy Farm/Havelock, Lincoln, NE; Jenny Stebbing, Farm Manager
Planting Date:	6/2/2025
Target Seeding Rate:	90,000 seeds/a
Harvest Date:	11/12/2025
Fertility:	9 gal/a 10-34-0 in-furrow at planting; 90 lb/a N applied pre-plant
Herbicide/Fungicides:	3 qt/a Lexar applied pre-plant in two applications (5/12/2025, 6/2/2025)
Soil Type:	Aksarben silty clay loam
GPS:	40.853107, -96.609834
Planting Info:	Planted 1.25" into tilled wheat stubble with excellent soil moisture
Notes on Trial:	Decent stand and test weights, tall plant heights, and very good yields. Field performance was very uniform and CVs reflect excellent field location.

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¹ Yield values corrected to 15.5% moisture content and assume 56 lb/bu test weight. Bolded values indicate highest LSD grouping.

² For differences between varieties that are equal to or greater than the LSD value, the chance that the difference is significant is 90%.

³ Mean performance of all plots in the trial.

⁴ 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.