



Crop Management at Locations of the 2025 Grain Sorghum Tests

Columbia

Cooperator: Missouri Ag Exp. Station
Tillage: No tillage
Planting date: 5/16/2025
Harvest date: 10/23/2025
Nitrogen (pounds/acre): 120
Herbicides: Atrazine, Parallel, Roundup, Liberty

Mooreville

Cooperator: Beetsma Farms
Tillage: Conventional Tillage
Planting date: 5/7/2025
Harvest date: 10/21/2025
Nitrogen (pounds/acre): 130
Herbicides: Bicep II Magnum, Atrazine

Portageville

Cooperator: Missouri Ag Exp. Station
Tillage: Ridged tillage
Planting date: 6/3/2025
Harvest date: 10/17/2025
Nitrogen (pounds/acre): 150
Herbicides: Atrazine, Parallel, Roundup, Liberty

Mt. Vernon

Cooperator: Missouri Ag Exp. Station
Tillage: No tillage
Planting date: 5/22/2024
Harvest date: 10/8/2025
Nitrogen (pounds/acre): 120
Herbicides: Atrazine, Parallel, Roundup, Liberty



Soil and Weather Information for 2025 Grain Sorghum Test Locations

Location	Soil type	Precipitation (inches)					
		May	Jun	Jul	Aug	Sep	Season
Columbia	Mexico silt loam	2.13	7.83	4.78	0.23	2.44	17.41
Mt. Vernon	Dapue silt loam	5.37	7.03	1.13	1.29	3.06	17.88
Mooreville	Carlow silty clay	2.44	6.97	7.94	0.61	3.43	21.39
Portageville	Tiptonville silt loam	6.31	6.76	1.64	0.74	4.40	19.85



Characteristics of Grain Sorghum Varieties

All information in this table was provided by the seed companies. The MU Variety Testing Program does not guarantee accuracy. Please contact seed dealers for latest information. N/I means information was unavailable.

Brand/Variety	Maturity	Grain Color	Special Traits	Gr. Bug		
				Biotype	Fungicide ¹	Insecticide ¹
BH Genetics BH 4220	64	Bronze	N/I	N/I	N/I	Poncho
BH Genetics BH 4820	66	Red	N/I	N/I	N/I	Poncho
BH Genetics BH 5755	72	Red	N/I	N/I	N/I	Poncho
DeKalb DSK44-07	67	N/I	N/I	N/I	N/I	N/I
Dyna-Gro M62GB36	62	Bronze	N/I	C, E	Apron	Cruiser
Dyna-Gro M66GR32	66	Red	N/I	C, E	Apron	Cruiser
Dyna-Gro M67GB87	68	Bronze	N/I	C, E	Apron	Cruiser
Dyna-Gro M70GR37	70	Red	N/I	C, E	Apron	Cruiser
Dyna-Gro M72GB71	72	Bronze	N/I	C, E	Apron	Cruiser
Pioneer 84P72	N/I	Red	N/I	N/I	N/I	N/I

¹Seed treatments were applied by seed companies. Purchased seed may have other seed treatments. Please contact seed dealers and seed labels for more information.

2025 Missouri Grain Sorghum Test Columbia

Planting Date: 5-16-2025

Harvest Date: 10-21-2025

Brand/Hybrid	Yield (bu/ac)	Moisture (%)	Lodging (1-5)~	Height (in)	Test Weight (lbs/bu)
Pioneer 84P72	169.3**	15.0	1	63	58.6
Dyna-Gro M62GB36	167.3*	14.8	1	65	59.8
DeKalb DSK44-07	167.0*	15.1	1	64	61.6
Dyna-Gro M70GR37	161.9*	15.6	1	65	61.5
BH Genetics BH 4220	159.9*	15.0	1	61	60.2
Dyna-Gro M67GB87	155.7	15.3	1	73	57.9
Dyna-Gro M72GB71	153.1	16.0	1	68	60.7
Dyna-Gro M66GR32	152.4	15.8	1	72	60.9
BH Genetics BH 4820	150.2	15.8	1	71	60.8
BH Genetics BH 5755	144.0	15.5	1	72	61.6
MEAN	158.3	15.3	1	67	60.2
LSD (0.10)	11.6	0.3			0.7
CV (%)	6.8	2.0			1.1

**Highest yielding variety in test

*Yield not significantly less than the highest yielding variety in the test

~Lodging rated on a 1 to 5 scale where 1 = fewer than 20% plants lodged and 5 = more than 80% plants lodged

2025 Missouri Grain Sorghum Test Mooreville

Planting Date: 5-8-2025

Harvest Date: 10-21-2025

Brand/Hybrid	Yield (bu/ac)	Moisture (%)	Lodging (1-5)~	Height (in)	Test Weight (lbs/bu)
Dyna-Gro M70GR37	135.4**	14.5	1	63	60.1
DeKalb DSK44-07	130.0*	14.0	1	61	59.5
BH Genetics BH 4820	125.5	14.5	1	64	59.5
BH Genetics BH 5755	124.2	14.6	1	69	60.2
Dyna-Gro M66GR32	118.3	14.4	1	67	59.5
Dyna-Gro M72GB71	118.3	14.4	1	62	58.9
Dyna-Gro M67GB87	110.7	14.2	1	65	57.8
Dyna-Gro M62GB36	105.1	13.4	1	59	57.7
BH Genetics BH 4220	99.6	13.9	1	54	58.1
Pioneer 84P72	84.6	13.5	1	61	55.9
MEAN	113.3	14.1	1	62.1	58.4
LSD (0.10)	7.1	0.5			0.6
CV (%)	5.8	3.5			1

**Highest yielding variety in test

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**2025 Missouri Grain Sorghum Test
Mt. Vernon**

Planting Date: 5-22-2025

Harvest Date: 10-8-2025

Brand/Hybrid	Yield (bu/ac)	Moisture (%)	Lodging (1-5)~	Height (in)	Test Weight (lbs/bu)
Dyna-Gro M70GR37	103.5**	16.2	1	59	53.5
BH Genetics BH 5755	99.4*	15.1	1	63	55.0
BH Genetics BH 4220	93.0	17.9	1	48	52.1
Dyna-Gro M67GB87	91.9	16.4	1	59	50.9
BH Genetics BH 4820	88.8	14.9	1	58	54.1
DeKalb DSK44-07	87.0	15.0	1	54	54.3
Dyna-Gro M66GR32	86.3	15.7	1	56	54.2
Pioneer 84P72	83.2	14.9	1	57	51.2
Dyna-Gro M72GB71	77.9	16.0	1	61	54.1
Dyna-Gro M62GB36	72.9	16.0	1	46	51.5
MEAN	87.4	15.6	1	57	53.0
LSD (0.10)	7.7	2.2			0.6
CV (%)	8.1	12.9			1.1

**Highest yielding variety in test

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2025 Missouri Grain Sorghum Test Portageville

Planting Date: 6-3-2025
Harvest Date: 10-17-2025

Brand/Hybrid	Yield (bu/ac)	Moisture (%)	Lodging (1-5)~	Height (in)	Test Weight (lbs/bu)
Dyna-Gro M72GB71	87.4**	11.9	1	62	53.4
DeKalb DSK44-07	85.5*	11.8	1	55	51.8
Dyna-Gro M67GB87	84.1*	12.7	1	60	50.4
BH Genetics BH 4220	82.7	11.6	1	53	52.1
Dyna-Gro M66GR32	79.6	11.4	1	56	51.9
BH Genetics BH 4820	79.3	12.3	1	63	52.9
Dyna-Gro M62GB36	77.2	11.7	1	55	51.8
BH Genetics BH 5755	76.4	12.8	1	61	52.2
Dyna-Gro M70GR37	70.5	12.3	1	55	51.2
Pioneer 84P72	66.3	11.3	1	58	48.2
MEAN	78.2	11.9	1	58	51.2
LSD (0.10)	4.3	0.5			1.3
CV (%)	5.1	4.1			2.4

**Highest yielding variety in test

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~Lodging rated on a 1 to 5 scale where 1 = fewer than 20% plants lodged and 5 = more than 80% plants lodged

2025 Missouri Grain Sorghum Summary

Brand-Variety	Mean (bu/ac)	Columbia (bu/ac)	Mooreville (bu/ac)	Mt. Vernon (bu/ac)	Portageville (bu/ac)
Dyna-Gro M70GR37	117.8**	161.9*	135.4**	103.5**	70.5
DeKalb DSK44-07	117.4*	167.0*	130.0*	87.0	85.5*
BH Genetics BH 4820	111.0	150.2	125.5	88.8	79.3
BH Genetics BH 5755	111.0	144.0	124.2	99.4*	76.4
Dyna-Gro M67GB87	110.6	155.7	110.7	91.9	84.1*
Dyna-Gro M72GB71	109.2	153.1	118.3	77.9	87.4**
Dyna-Gro M66GR32	109.2	152.4	118.3	86.3	79.6
BH Genetics BH 4220	108.8	159.9*	99.6	93.0	82.7
Dyna-Gro M62GB36	105.6	167.3*	105.1	72.9	77.2
Pioneer 84P72	100.9	169.3**	84.6	83.2	66.3
MEAN	109.3	158.3	113.3	87.4	78.2
LSD (10%)	6.1	11.6	7.1	7.7	4.3
CV (%)	6.8	6.8	5.8	8.1	5.1

** Highest yielding variety in test

* Yield not significantly less than the highest yielding variety in the test