



UNIVERSITY of NEBRASKA  
LINCOLN

## Lancaster County Rainfed 2020 Dryland Sorghum Trial

Name	Company	Plant Height (in)	Test Weight (lb/bu)	Population (plants/acre)	Yield (bu/a) <sup>1</sup>	50% Bloom (Days after planting)	Lodging (%)
ADV G2275	ADVANTA	59.8	58.7	78,218	171.6	58	<5
M60GB31	Dyna-Gro Seed	57.3	61.2	72,360	162.4	62	0
GX19981	Dyna-Gro Seed	58.0	61.3	80,167	162.0	65	0
SP 7715	S&W Seeds/Sorghum Partners	61.3	60.3	89,047	160.0	62	0
M59GB94	Dyna-Gro Seed	57.0	59.7	86,450	159.0	54	0
M71GR91	Dyna-Gro Seed	62.8	61.7	88,635	159.0	65	<5
ADV G2106	ADVANTA	51.3	61.2	74,967	157.9	56	0
ADV XG141	ADVANTA	54.0	60.6	76,522	157.0	57	0
ADV XG117IG	ADVANTA	51.5	61.4	69,864	154.2	57	<5
SP 68M57	S&W Seeds/Sorghum Partners	50.3	59.5	70,845	153.9	60	6-10
M60GB88	Dyna-Gro Seed	52.3	61.7	79,246	152.3	59	0
SP 43M80	S&W Seeds/Sorghum Partners	55.0	59.5	80,321	151.4	55	0
SP 74M21	S&W Seeds/Sorghum Partners	57.5	59.6	84,339	151.3	63	0
ADV XG116IG	ADVANTA	48.5	61.1	75,979	150.7	60	>50
LGS X6321	Legend Seeds	56.5	60.0	64,536	150.0	60	0
M69GB38	Dyna-Gro Seed	64.3	60.8	65,508	148.3	66	0
ADV XG9127	ADVANTA	53.0	60.5	59,141	147.3	62	0
M69GR88	Dyna-Gro Seed	53.3	59.7	78,241	147.1	63	0
LGS 5808	Legend Seeds	55.0	61.8	62,493	145.1	59	0
AG 1401	ADVANTA	49.8	61.6	77,570	144.4	55	0
GX17912	Dyna-Gro Seed	53.5	60.0	83,273	141.2	53	0
AG1203	ADVANTA	55.3	61.8	72,125	137.7	61	0
M62GB77	Dyna-Gro Seed	59.5	60.7	76,733	137.1	57	0
LGS 5508W	Legend Seeds	51.5	60.6	51,499	136.8	62	0

<sup>1</sup> Adjusted to 56 lb/bu and 14% moisture.

<b>ADV XG256</b>	ADVANTA	56.8	59.3	60,481	135.7	61	0
<b>AS262</b>	Arrow Seed	61.8	61.3	60,900	135.4	65	0
<b>M72GB71</b>	Dyna-Gro Seed	60.5	59.1	80,557	134.9	66	0
<b>M54GR24</b>	Dyna-Gro Seed	49.5	60.5	84,843	133.7	55	0
<b>ADV XG267</b>	ADVANTA	56.3	58.5	52,021	130.9	63	6-10
<b>ADV XG390IG</b>	ADVANTA	55.5	60.5	80,941	130.5	59	0
<b>AS248FG</b>	Arrow Seed	51.5	60.2	49,571	130.5	60	0
<b>LGS 5002</b>	Legend Seeds	49.3	60.8	88,194	128.8	52	<5
<b>AS292FG</b>	Arrow Seed	70.8	58.1	55,539	96.8	69	0
	<b>Standard Error</b>	0.8	1.0	3,257	12.1	1.2	.
	<b>LSD<sup>2</sup></b>	1.4	1.6	5,858	20.1	2.1	.
	<b>Mean<sup>3</sup></b>	55.7	60.4	73,064	145.3	60.2	.
	<b>CV<sup>4</sup></b>	1.4	1.7	4.8	8.3	2.0	.
	<b>Reps</b>	4	4	4	4	4	4

**SITE INFORMATION**

Collaborator: Havelock Research Farm, Lincoln, NE  
 Planting Date: June 2, 2020  
 Harvest Date: October 16, 2020  
 Seeding Information: 90,000 seeds/acre to achieve average final population of 73,000 plants/acre.  
 Planting Conditions: Planted into no-till soybean residue with cone planter on 30" centers.  
 Management: Fertilized with 80 lb/a nitrogen.  
 Notes: Further details regarding hybrid characteristics, maturities, and cultural practices will be forthcoming in the Spring Seed Guide.

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

<sup>3</sup> Mean performance of all entries in the trial.

<sup>4</sup> 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.