

News Column

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Results – Barton Co. Grain Sorghum Hybrid Demonstration Plot

I would like to thank those involved in making this sorghum demonstration plot possible. Cooperators Josh Debes and Dean Stoskopf, Alicia Boor, and the seed companies and dealers for providing the seed and sponsoring the meal for the field day.

I always like to remind growers that when making their next seed purchasing decisions to look at several different sources (test plot) results. Whether it be county agent plots, Coops, seed companies, etc. I would especially encourage you to look at the Kansas Performance Tests with Grain Sorghum by Kansas State University Agricultural Experiment Stations <https://www.agronomy.k-state.edu/services/crop-performance-tests/> These variety plots are replicated, meaning each hybrid has been randomly planted in the test plot in 4 different spots. Replication is used to smooth out or account for variability within a field.

Date planted: June 26, 2019; Previous crop: Wheat 2018; wheat 2017, fallow 2016. Population dropped: 55,000; Fertility: 100 lbs. N dry; Herbicide: Burndown on 4-17; 24 oz. Cornerstone 5, 8 oz. 2,4-D, 4 oz. dicamba; 6-5-19 3 qt. Ravine, 24 oz. Cornerstone 5, 8 oz. 2,4-D

Brand	Name	Raw Yield	Adjusted Yield	TW	2 Yr Avg
Check		107		64	
Phillips	746	83	86	58	102
Golden Acres	4880R	105	109	63.5	
Heartland Genetics	HG53B	78	80	62	
Pioneer	86489	123	127	64	
Alta	ADV G2106	110	113	62	121
Check		102		64	
Warner	7721	104	107	63.5	
DK	38-16	128	132	64	131
Phillips	637	101	104	64	115
Golden Acres	2840B	125	129	64	119
Heartland Genetics	HG47-B	127	131	63	
Check		107		63	

Pioneer	85P44	125	121	62	
Alta	ADV G1203	96	93	62	110
Warner	5911	96	93	62	
DKS	45-23	115	112	61	
Check		115		63	
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	Average	108	110	63	116
Yields are reported at 12.5% moisture content					