

2024 Belleville, Kansas Dryland Grain Sorghum Performance Trial, Republic County

BRAND	NAME	YIELD (bu/a)	PAVG (%)	MOIST (%)	TW (lb/bu)	LODGE (%)	Bird_Damage (%)
CROPLAN	CP 23GS68A	160.2	127.2	13.4	62.3		2.5
MATURITY CHECK	MED	155.4	123.3	13.8	62.5		3.8
CROPLAN	CP 7011A	154.3	122.5	14.1	62.8		5.0
CROPLAN	CP 22GS66A	142.1	112.8	13.9	61.4		5.0
B-H GENETICS	BH 3939	141.5	112.3	13.8	62.0		11.3
CROPLAN	CP 23GS66A	139.8	110.9	14.2	62.2		3.8
CROPLAN	CP 23GS67A	139.5	110.7	14.0	61.3	1.3	3.8
DYNA-GRO	M60GB31	138.5	109.9	14.0	62.1	1.3	11.3
DYNA-GRO	M59GB94	138.2	109.7	13.9	62.0	10.0	1.3
B-H GENETICS	BH 3701C	134.8	107.0	13.5	61.4		1.3
CROPLAN	CP6311A	134.4	106.6	13.8	61.9	3.8	3.8
DYNA-GRO	M62GB36	133.5	105.9	14.3	61.3	1.3	6.3
CROPLAN	CP 6367IG	132.1	104.9	13.7	61.7		8.8
CROPLAN	CP 6617IG	131.6	104.4	13.6	61.9	1.3	0.0
CROPLAN	CP 6811	129.2	102.5	13.8	61.3		3.8
B-H GENETICS	BH 4220	128.0	101.6	13.9	61.4	1.3	13.8
CROPLAN	CP 6490 DT	127.0	100.8	14.0	62.2		1.3
DYNA-GRO	M62GC23	123.7	98.2	13.6	61.7		5.0
CROPLAN	CP 6011	121.8	96.7	13.4	61.6		10.0
DYNA-GRO	M67GB87	120.9	95.9	13.9	61.3	5.0	1.3
MATURITY CHECK	LATE	119.6	95.0	15.0	61.6	8.8	1.3
CROPLAN	CP 22GS61A	119.1	94.5	13.7	61.7		2.5
CROPLAN	CP 6211A	118.6	94.1	13.9	62.2		8.8
B-H GENETICS	BH 3818	118.3	93.9	13.8	61.6		5.0
DYNA-GRO	M66GR32	118.3	93.9	14.0	62.6	1.3	2.5
MATURITY CHECK	EARLY	115.9	92.0	13.6	61.9		3.8
CROPLAN	CP6145 DT	115.8	91.9	14.1	61.5	1.3	2.5
DYNA-GRO	GX24991	115.3	91.6	14.1	61.7		2.5
DYNA-GRO	M63GB78	115.2	91.4	14.0	61.3	5.0	5.0
CROPLAN	CP 5730 DT	108.9	86.5	14.0	61.7		3.8
CROPLAN	CP 23GS70A	108.1	85.8	14.5	61.5	16.3	3.8
RAGT	AC2103	100.8	80.0	13.6	62.1	1.9	0.0
CROPLAN	CP 5811A	98.6	78.2	13.7	61.3	1.3	6.3
DYNA-GRO	M54GR24	85.0	67.5	13.5	61.4		7.5
	AVERAGE	126.0	100.0	13.9	61.8	1.8	4.6
	CV	11.9	11.9	0.4	0.5	--	--
	LSD	15.4	12.2	0.3	0.4	--	--
	Heritability	0.3	--	--	--	--	--

*Yields must differ by more than the LSD value to be considered statistically different.

Date	Operation	Product	Rate	Notes
29-Mar	Fertilize	NH3	120# N/A	
17-Apr	Spray	1.5 qt/a Makaze, 25 oz/a Salvo, 1 qt/100 Liberate, 2 qt/100 Choice Trio		
3-Jun	Spray	2 oz/a Sharpen, 1 qt/a Mad Dog 5.4, 2 lb/a AMS, 25 oz/a MSO, 2 qt/100 Choice Trio		
7-Jun	Fertilize	10-34-0	10 gal/a	
11-Jun	Plant	59,800		
13-Jun	Spray	2.5 qt/a Trizmax, 1 qt/a Mad Dog 5.4, 2 lb/a AMS, 2 pt/a MSO, 2 qt/100 Choice Trio		
23-Oct	Harvest			
Observed precipitation	10.8 inches			
Normal precipitation difference	16.4 inches			
	-5.6 inches			