

2019 Tribune, Kansas Irrigated Grain Sorghum Performance Test, Greeley County

BRAND	NAME	YIELD (bu/a)	PAVG (%)	DAYS (1/2 bloom)	TW (lb/bu)	HT (in)	LODGE (%)	PLANTS per acre
ADVANTA	ADV XG224	141.2	145.7	77.3	57.4	50.5	16.3	63243
ADVANTA	ADV XG251	102.4	105.7	98.0	54.7	54.0	18.8	67760
ADVANTA	ADV XG397	83.0	85.7	78.0	54.2	50.5	61.3	53563
ADVANTA	ADV XG885	97.6	100.7	82.8	53.7	54.5	35.0	66953
ALTA	ADV G2275	85.6	88.3	79.8	55.5	50.5	53.8	58161
ALTA	ADV G3247	56.5	58.3	81.5	58.7	49.0	72.5	76311
ALTA	ADV XG093	74.5	76.9	81.8	55.1	50.8	46.3	73407
ALTA	AG1203	78.4	81.0	79.8	56.2	49.5	41.3	70825
DEKALB	DKS38-16	105.2	108.6	67.3	60.3	51.3	28.8	77440
DEKALB	DKS45-23	142.3	146.8	73.8	56.0	52.3	2.5	71955
DEKALB	DKS47-07	113.9	117.6	75.8	53.8	56.3	56.3	71955
DEKALB	DKS53-53	135.0	139.3	79.8	56.2	55.0	33.8	66147
DEKALB	DKS54-07	114.5	118.2	80.5	57.5	56.8	52.5	69373
DYNA-GRO	GX17973	100.6	103.8	75.3	55.0	55.0	57.5	72197
DYNA-GRO	GX18395	103.5	106.9	72.8	55.7	53.0	25.0	73971
DYNA-GRO	GX19981	93.0	96.0	77.5	58.2	52.3	87.5	71471
DYNA-GRO	M54GR24	109.0	112.5	64.5	54.9	46.0	6.3	73326
DYNA-GRO	M57GB19	55.6	57.4	74.0	57.9	48.3	43.8	68567
DYNA-GRO	M57GC29	82.7	85.3	65.0	55.5	38.8	23.8	75101
DYNA-GRO	M59GB57	82.6	85.3	61.5	54.9	38.0	0.0	73971
DYNA-GRO	M60GB31	88.6	91.4	73.5	55.9	48.0	62.5	66389
DYNA-GRO	M60GB88	85.5	88.3	65.5	55.4	46.5	13.8	71955
DYNA-GRO	M62GB77	109.9	113.4	67.8	55.6	49.3	35.0	75020
DYNA-GRO	M68GB18	62.4	64.4	88.0	55.5	51.8	51.3	68728
DYNA-GRO	M68GR41	84.2	86.9	86.0	55.4	51.3	36.3	67437
DYNA-GRO	M69GB38	107.5	111.0	73.3	54.1	55.5	45.0	67276
DYNA-GRO	M69GR88	82.4	85.1	92.0	56.5	47.5	25.0	69051
DYNA-GRO	M71GR04	64.2	66.3	88.5	53.9	53.8	80.0	71551
DYNA-GRO	M71GR91	116.5	120.2	80.0	56.2	56.3	40.0	52353
DYNA-GRO	M73GR55	75.1	77.5	91.8	54.4	56.3	2.5	63243
DYNA-GRO	M74GB17	79.6	82.1	78.5	55.4	52.8	52.5	59774
GOLDEN ACRES	2840B	111.8	115.4	63.5	59.0	47.8	36.3	76149
GOLDEN ACRES	3960B	79.6	82.1	74.0	56.2	47.5	66.3	65017
GOLDEN ACRES	4880R	105.5	108.9	79.0	56.5	56.5	56.3	64533
KSU	MN05	131.8	136.0	70.3	54.8	53.0	38.8	69696
MATURITY CHECK	DEKALB EARLY	86.4	89.2	61.5	53.9	47.8	23.8	78085
MATURITY CHECK	DEKALB LATE	120.8	124.7	81.5	56.5	52.8	18.8	71148
MATURITY CHECK	DEKALB MED	116.8	120.5	68.0	59.4	50.3	17.5	72842
MATURITY CHECK	EARLY	102.2	105.5	63.0	56.5	44.5	0.0	78085
MATURITY CHECK	LATE	94.4	97.4	82.8	55.7	48.3	27.5	76875
MATURITY CHECK	MED	79.7	82.3	82.5	54.9	51.5	26.3	80747
S&W SEED	CHR0395	96.4	99.5	72.3	56.6	52.5	32.5	69051
S&W SEED	CHR2042	115.5	119.3	76.5	57.5	52.5	68.8	65824
S&W SEED	SWGS3183	108.7	112.2	66.0	56.6	52.8	17.5	72035
	Average	96.9	100.0	76.2	56.0	50.9	37.2	69740
	CV (%)	6.6	6.6	6.0	--	5.2	--	13
	LSD (0.05)*	8.9	9.2	6.4	2.4	3.7	31.0	12880

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

Planted: 6/7/2019

Harvested: 10/25/2019

250-40-0 N, P, K; 2 qts Fe applied 7/5 and 7/19 to treat iron chlorosis

Herbicide: Dual II Magnum (27 oz/a) + Atrazine 4L (32 oz/a) + Explorer (6 oz/a) + PowerMax (32 oz/a) + AMS on 6/07/19

Irrigation: ~8.2 "