

2023 Tribune, Kansas Irrigated Grain Sorghum Performance Test, Greeley County

BRAND	NAME	YIELD (bu/a)	PAVG (%)	MOIST (%)	TW (lb/bu)	DATE (1/2 bloom)	PHT (in)	CHLOROSIS** (%)	POP (ppa)
POLANSKY	5719	61.0	134.9	11.3	50.0	9/15/2023	51.3	50	57099
DYNA-GRO	M60GB88	52.2	115.6	12.3	51.0	8/31/2023	46.0	50	56981
DYNA-GRO	GX22923	50.5	111.6	12.2	50.0	9/5/2023	45.5	100	62456
POLANSKY	5522	50.2	111.2	12.8	50.0	9/9/2023	49.0	50	54803
DYNA-GRO	M54GR24	48.8	107.9	12.6	53.3	8/26/2023	43.3		59336
POLANSKY	5629	48.5	107.4	12.6	50.0	9/10/2023	49.0	50	60219
DYNA-GRO	M72GB71	48.0	106.1	12.5	50.0	9/14/2023	54.5	75	60513
DYNA-GRO	M67GB87	46.5	102.8	12.2	50.0	9/16/2023	49.0	100	51566
DYNA-GRO	M71GR91	46.2	102.2	13.5	57.0	9/17/2023	55.5		59336
DYNA-GRO	M60GB31	46.2	102.2	12.4	50.7	9/10/2023	46.5	67	62102
MATURITY CHECK	EARLY	45.1	99.8	11.7	50.0	8/27/2023	42.5		63751
DYNA-GRO	M59GB94	43.4	96.1	11.8	50.0	9/6/2023	48.0	100	53920
DYNA-GRO	M59GB57	39.3	86.9	12.1	50.0	8/29/2023	33.3		54038
MATURITY CHECK	LATE	35.6	78.7	12.2	50.5	9/15/2023	47.8	75	58512
MATURITY CHECK	MED	34.1	75.5	11.6	50.0	9/7/2023	48.5		55039
DYNA-GRO	M63GB78	27.6	61.1	13.0	50.0	9/8/2023	51.3		54215
	Average	45.2	100.0	12.3	50.8	9/8/2023	47.5	72	57743
	CV (%)	7.7	7.7	0.9					
	LSD (0.05)	7.7	9.0	0.5					

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

Southwest Research Center

Planted: 6/21/2023

\*\*Iron chlorosis was prevalent due to unseasonably cool temperatures and increased precipitation in the summer months.

Trial received an application of Fe treatment.