

2023 Hutchinson, Kansas Irrigated Grain Sorghum Performance Test, Reno County

BRAND	NAME	YIELD (bu/a)	PAVG (%)	MOIST (%)	TW (lb/bu)
CROPLAN	CP 66XI-22	191.2	122.1	15.5	62.9
CROPLAN	CP 68XC3-23	184.2	117.7	15.5	63.2
DYNA-GRO	M67GB87	182.9	116.9	15.1	57.6
DYNA-GRO	GX22937	179.0	114.4	15.5	60.6
PIONEER	84980	177.4	113.3	15.7	60.1
DYNA-GRO	GX22934	174.5	111.4	16.2	62.1
CROPLAN	CP 66X2C-23	173.2	110.6	14.6	56.6
DYNA-GRO	M71GR91	170.7	109.0	15.5	60.8
MATURITY CHECK	MED	167.4	106.9	15.4	61.0
CROPLAN	CP 67X1-23	165.7	105.8	15.7	61.2
CROPLAN	CP 64X1-23	164.2	104.9	15.6	60.1
DYNA-GRO	GX22936	161.9	103.4	15.9	60.7
DYNA-GRO	GX22932	160.3	102.4	16.0	60.1
DYNA-GRO	GX22923	159.8	102.0	14.9	57.4
CROPLAN	CP 6367IG	159.2	101.7	16.1	58.9
CROPLAN	CP 7011A	157.9	100.9	15.9	62.6
RAGT	AC2203	157.7	100.7	15.4	61.4
MATURITY CHECK	LATE	157.2	100.4	14.9	61.4
DYNA-GRO	M59GB94	156.6	100.0	15.0	58.0
MATURITY CHECK	EARLY	156.2	99.7	15.5	59.0
CROPLAN	CP 61XI-22	150.9	96.4	14.7	58.9
CROPLAN	CP 6664IGA	149.8	95.7	14.9	58.9
CROPLAN	CP 6211A	149.5	95.5	15.2	60.5
DYNA-GRO	M72GB71	149.1	95.3	15.5	57.4
PIONEER	86920	148.1	94.6	15.0	60.8
CROPLAN	CP 6011	147.6	94.3	15.2	61.5
CROPLAN	CP 6811	147.2	94.0	15.3	61.3
DYNA-GRO	M60GB31	143.2	91.5	15.5	59.0
CROPLAN	CP 5811A	141.6	90.5	15.1	59.2
DYNA-GRO	M54GR24	139.4	89.0	15.3	61.6
DYNA-GRO	M63GB78	139.3	89.0	15.5	56.6
RAGT	AC2103	138.0	88.2	15.4	61.4
RAGT	AC2104	137.9	88.1	15.1	60.7
CROPLAN	CP 6021A	128.1	81.8	14.8	58.1
CROPLAN	CP 5921A	112.5	71.9	15.0	60.2
	AVERAGE	156.6	100.0	15.3	60.0
	CV (%)	11.1	11.1	0.4	1.3
	LSD (0.05)	16.5	10.6	0.4	1.7

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

Date Planted: 6.30.23
 Previous Crop: Wheat
 Tillage Type: No-till
 Irrigation: Pivot
 GPS: 37.83355569
 -98.08147592

Soil Analysis

OM(%) 1.4
 P1 (Weak Bray) ppm 7
 P2 (Strong Bray) ppm 16
 K (ppm) 129
 Mg (ppm) 189
 Ca (ppm) 1144
 pH 5.2
 CEC (meq/100g) 6.8
 Soil Texture 11.6
 Loam