

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

BRAND	NAME	YIELD (bu/a)	PAVG (%)	MOIST (%)	TW (lb/bu)	LODGE (%)
CROPLAN	CP 68XC3-23	162.6	136.1	14.2	59.3	
POLANSKY	5522	147.1	123.1	14.2	57.3	
CROPLAN	CP 64X1-23	146.0	122.2	15.4	56.8	35
CROPLAN	CP 66XI-22	144.3	120.8	14.7	58.7	75
CROPLAN	CP 7011A	140.4	117.5	17.0	56.3	
DYNA-GRO	M63GB78	135.6	113.5	15.7	55.4	40
DYNA-GRO	M71GR91	135.2	113.1	16.0	57.9	43
DYNA-GRO	GX22923	129.9	108.7	14.0	51.9	55
CROPLAN	CP 6811	128.4	107.4	14.8	57.6	73
RAGT	AC2103	128.0	107.1	13.8	55.2	
CROPLAN	CP 66X2C-23	127.9	107.0	13.5	52.1	45
CROPLAN	CP 6367IG	127.2	106.4	16.2	54.4	
MATURITY CHECK	EARLY	124.8	104.5	14.4	54.1	33
MATURITY CHECK	MED	123.9	103.7	14.0	58.1	45
POLANSKY	5629	123.1	103.0	14.5	51.4	
CROPLAN	CP 6011	121.9	102.0	15.8	54.1	70
POLANSKY	X68R-D7	118.8	99.5	15.4	55.1	
POLANSKY	5719	118.6	99.2	16.3	57.6	
DYNA-GRO	M72GB71	112.5	94.2	15.3	53.4	45
RAGT	AC2104	112.4	94.1	11.8	53.5	
DYNA-GRO	M67GB87	112.4	94.0	14.5	52.1	
CROPLAN	CP 61XI-22	111.2	93.0	13.0	54.8	47
CROPLAN	CP 6664IGA	110.8	92.7	14.0	51.4	50
DYNA-GRO	M60GB31	110.3	92.3	14.3	53.7	50
MATURITY CHECK	LATE	109.5	91.6	13.5	56.8	73
DYNA-GRO	M59GB94	109.1	91.3	14.5	54.7	63
CROPLAN	CP 67X1-23	108.8	91.0	14.7	56.9	45
CROPLAN	CP 6211A	107.6	90.1	14.3	54.2	86
CROPLAN	CP 6021A	104.1	87.1	14.1	53.5	45
RAGT	AC2203	101.5	85.0	14.6	55.7	
DYNA-GRO	M60GB88	101.3	84.8	14.3	54.1	
DYNA-GRO	M54GR24	91.8	76.8	15.0	55.6	50
CROPLAN	CP 5811A	89.3	74.7	14.6	53.4	63
CROPLAN	CP 5921A	86.4	72.3	13.5	55.7	70
	Average	119.5	100.0	14.6	55.1	55
	CV (%)	10.8	10.8	1.5	2.0	--
	LSD (0.05)	17.0	14.2	1.0	2.1	--

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

Date Planted: 6.13.23
 Previous Crop: Cotton
 Tillage Type: No-till
 Irrigation: None
 GPS: 37.82324483
 -98.11901913

Soil Analysis
 OM(%) 1.7
 P1 (Weak Bray) ppm 13
 P2 (Strong Bray) ppm 33
 K (ppm) 218
 Mg (ppm) 292
 Ca (ppm) 1338
 pH 5.8
 CEC (meq/100g) 6.7
 Soil Texture 12
 Silt Loam