

Supplementary data

Chlorophyll index (spad) and macronutrients relation and productive performance of sorghum hybrids in different sowing dates

César Henrique Souza Zandonadi; Carlos Juliano Brant Albuquerque; Rogério Soares de Freitas

Supplementary Table 1. Summary of analysis of variance (Mean squares) for agronomic characteristics data of grain sorghum hybrids from different sowing dates.

FV	Df	Mean square		
		Height	Flowering	Productivity
Block (Dates)	12	56.29	0.25	343864.61
Hybrids	8	1049.25**	179.14**	1838550.92**
Dates	3	6496.04**	240.84**	9767940.37**
Hybrids*Dates	24	110.23**	11.66**	1835093.80**
Residue	96	27.25	0.20	382318.72
CV (%)		7.23	0.73	13.72

^{ns}; *, ** Non significance, significant at a 0,05 and 0,01 level of significance according to the test of F.

Supplementary Table 2. Summary of analysis of variance (Mean square) of the average nutrient content and SPAD index in the leaves, evaluated at different stadiums from different hybrids and sowing dates.

FV	Df	Mean Square						
		N	P	K	Ca	Mg	S	SPAD
Block (Date)	12	24.0786	2.0195	28.7112	1.0156	0.1465	0.2423	15.0270
Date	3	1338.4004**	141.1808**	566.6379**	27.7321**	3.9453**	2.8217**	560.9542**
Hybrids	8	49.3317**	0.7843**	27.4466**	2.1797**	0.1240 ^{ns}	0.0553 ^{ns}	73.7299**
Dates*Hybrids	24	15.2872 ^{ns}	0.4519**	7.0585 ^{ns}	0.6353**	0.0681 ^{ns}	0.0850 ^{ns}	15.2307**
Residue (a)	96	16.4469	0.1988	5.0398	0.2759	0.0654	0.0595	5.9613
Stadium	2	981.4236**	35.1742**	598.4739**	223.8026**	3.1543**	1.2004**	455.2202**
Stadium*Date	6	628.9230**	29.5823**	469.2687**	25.4581**	3.1683**	4.2840**	348.6108**
Stadium*Hybrids	16	39.3816**	0.3333 ^{ns}	6.9466 ^{ns}	0.4378 ^{ns}	0.2298**	0.0779 ^{ns}	22.1349**
Stadium*Dates*hybrids	48	16.6333 ^{ns}	0.2740 ^{ns}	5.9497 ^{ns}	0.5510 ^{ns}	0.0772 ^{ns}	0.0915 ^{ns}	8.4017**
Residue (b)	216	13.7597	0.2410	9.5195	0.5009	0.0910	0.0826	4.2197
CV1(%)		13.65	13.21	9.74	10.51	12.12	25.28	5.19
CV2(%)		12.48	14.55	13.38	14.16	14.29	29.78	4.37

^{ns}; *, ** Non significance, significant at a 0,05 and 0,01 level of significance according to the test of F.