

**Table S1 - Characterization of fertility under continuous crops and pasture–crop systems with two levels of fertilization, and Cerrado reference plot the experimental area (0 -10 and10-20 cm).**

Treatments	Depth	Al cmolc. dm <sup>-3</sup>	Ca cmolc. dm <sup>-3</sup>	Mg cmolc. dm <sup>-3</sup>	H+ Al cmolc. dm <sup>-3</sup>	pH (H <sub>2</sub> O)	K g kg <sup>-1</sup>	P g kg <sup>-1</sup>	OM g kg <sup>-1</sup>
<b>CC-F1</b>	0-10	0.04	4.06	0.10	3.42	5.65	111.25	3.82	4.06
	10-20	0.62	0.60	0.10	5.93	5.41	49.25	8.67	2.20
<b>CC-F2</b>	0-10	0.02	5.49	0.30	3.61	5.51	139.00	7.82	4.59
	10-20	0.20	1.56	0.30	5.62	5.62	78.75	8.88	2.34
<b>ICL-F1</b>	0-10	0.03	3.56	0.50	4.06	5.35	108.00	12.31	3.78
	10-20	0.20	1.08	0.10	5.70	5.66	53.00	2.59	2.60
<b>ICL-F2</b>	0-10	0.03	5.37	0.60	3.07	5.55	169.75	13.87	3.59
	10-20	0.14	2.29	0.20	4.69	5.67	55.50	3.33	3.13
<b>Cerrado</b>	0-10	0.70	0.50	0.30	9.10	4.80	58.0	1.70	4.22
	10-20	0.50	0.00	0.10	7.20	4.90	31.0	1.20	2.14

Determinations made according to Embrapa (1997) Manual of soil analysis. Al and H + Al Titration, Ca and Mg by Atomic adsorption spectroscopy, K by flame photometry and P (Mehlich I) by colorimetry.