

	Bulk		<i>Cecropia pachystachya</i>			<i>Peltophorum dubium</i>			<i>Cedrela fissilis</i>		
Variable	Control	ADE	Control	20%ADE	ADE	Control	20%ADE	ADE	Control	20%ADE	ADE
Organic Matter (g.dm <sup>-3</sup> )	13.6 ± 8.4	43.7 ± 2.9*	12.3 ± 2.4	24.3 ± 8.4	42.7 ± 8.7	17.4 ± 2.6	20.5 ± 4.4	43.1 ± 12.6	14.4 ± 2.2	17.4 ± 2.3	42.6 ± 8.7*
pH (CaCl <sub>2</sub> )	5.5 ± 0.04	5.8 ± 0.03*	5.5 ± 0.06	5.7 ± 0.08	5.8 ± 0.09*	5.5 ± 0.09	5.8 ± 0.1*	5.6 ± 0.2	5.6 ± 0.04	5.7 ± 0.1	5.9 ± 0.02*
P (mg.dm <sup>-3</sup> )	10.9 ± 2.0	312 ± 8.7*	16.8 ± 2.6	125 ± 28.8	375 ± 101*	17.2 ± 3.0	149 ± 45.3	332 ± 95.9*	14.9 ± 1.4	125 ± 28.8	462 ± 52.1*
K (mmolc.dm <sup>-3</sup> )	1.26 ± 0.4	1.76 ± 0.0	1.41 ± 0.2	1.0 ± 0.04	0.6 ± 0.1*	1.3 ± 0.2	0.7 ± 0.2	0.7 ± 0.2*	1.3 ± 0.5	0.9 ± 0.1	0.7 ± 0.03
Ca (mmolc.dm <sup>-3</sup> )	19.1 ± 2.0	130 ± 1.7*	23.3 ± 2.72	43.6 ± 8.5	120 ± 41.3	23.4 ± 2.4	45.6 ± 9.0	105 ± 49.0*	22.8 ± 3.4	41.6 ± 6.7	130 ± 1.7*
Mg (mmolc.dm <sup>-3</sup> )	10.5 ± 1.3	12.1 ± 0.5	13.8 ± 3.0	12.0 ± 1.7	9.6 ± 1.3	14.2 ± 4.3	12.3 ± 1.2	10.1 ± 2.75	12.1 ± 2.6	11.6 ± 1.1	11.3 ± 1.0
H (mmolc.dm <sup>-3</sup> )	15.0 ± 0.9	24.6 ± 1.8	15.2 ± 0.3	16.9 ± 0.9	25.1 ± 1.5	15.6 ± 0.7	17.0 ± 1.0	26.4 ± 3.2	14.7 ± 0.3	16.9 ± 0.6	25.1 ± 1.5
V%	67.0 ± 2.8	85.8 ± 0.1*	71.5 ± 2.5	76.5 ± 4.5	82.9 ± 4.2*	71.1 ± 4.2	77.4 ± 2.1	78.8 ± 10.6*	70.8 ± 3.2	76.0 ± 3.1	87.3 ± 1.6*
S (mg.dm <sup>-3</sup> )	6.4 ± 1.6	9.3 ± 1.4	37.6 ± 7.6	60.8 ± 19.4	57.2 ± 15.8	51.2 ± 16.0	31.9 ± 2.0	50.6 ± 14.8	50.8 ± 6.9	52.3 ± 13.0	39.8 ± 20.0

*B (mg.dm <sup>-3</sup> )	0.15 ± 0.05	0.17 ± 0.06*	0.12 ± 0.03	0.17 ± 0.6	0.16 ± 0.01*	0.5 ± 0.02	0.09 ± 0.02	0.17 ± 0.11	0.09 ± 0.03	0.18 ± 0.03	0.18 ± 0.06*
Cu (mg.dm <sup>-3</sup> )	0.5 ± 0.01	2.0 ± 0.3*	0.7 ± 0.1	1.1 ± 0.1	2.4 ± 0.7*	0.9 ± 0.4	1.2 ± 0.2	2.7 ± 0.6*	0.7 ± 0.1	1.1 ± 0.1	3.0 ± 0.2*
Fe (mg.dm <sup>-3</sup> )	8.4 ± 2.0	60.4 ± 6.8*	11 ± 2.2	20 ± 3.7	45.6 ± 19.1*	14.3 ± 2.8	19.3 ± 2.4	52 ± 9.7*	13.6 ± 2.5	17.8 ± 5.0	66.2 ± 11.2*
Mn (mg.dm <sup>-3</sup> )	9.6 ± 0.2	2.0 ± 0.4*	18.8 ± 2.1	14.2 ± 1.3	5.9 ± 0.9*	20 ± 1.4	13.2 ± 2.6	6.6 ± 1.0*	20.2 ± 2.6	14.0 ± 2.4	7.2 ± 0.4*
Zn (mg.dm <sup>-3</sup> )	0.5 ± 0.09	5.2 ± 1.1*	1.7 ± 0.5	2.7 ± 1.1	5.5 ± 1.2*	2.5 ± 1.3	2.6 ± 0.7	6.0 ± 2.2	1.4 ± 0.4	3.0 ± 1.4	7.4 ± 0.9*
Total C (mg.dm <sup>-3</sup> )	7.9 ± 0.1	31.0 ± 2.3*	10.0 ± 1.3	14.2 ± 4.8	24.8 ± 5.0*	10.1 ± 1.4	11.9 ± 2.5	25.1 ± 7.3	4.8 ± 1.2	10.1 ± 1.3	31.0 ± 2.3*
Sand (g.dm <sup>-3</sup> )	748 ± 6.1	786 ± 6.1*	750 ± 6.3	765 ± 12.7	782 ± 19.9*	757 ± 16.5	758 ± 3.37	768 ± 17.7	753 ± 5.6	760 ± 5.7	804 ± 27.2*
Clay (g.dm <sup>-3</sup> )	192 ± 0.4	132 ± 3.9	193 ± 6.4	182 ± 9.1	167 ± 34.0	192 ± 6.4	185 ± 7.4	176 ± 35.9	188 ± 11.4	207 ± 8.14	139 ± 10.9
Silt (g.dm <sup>-3</sup> )	59.8 ± 6.1	81.1 ± 8.5	56.1 ± 5.6	53.6 ± 11.6	50.4 ± 27.8	50.5 ± 14.2	56.5 ± 10.8	55.9 ± 20.9	58.1 ± 7.1	32.5 ± 11.0	57.0 ± 22.6

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It wasn't found no aluminium in the samples