

	T41	T12	T22	T62	T22B	T12B	T62B	T13	T23	T14	T24	T34	T44	T15	T25	T35	T45	T26	T46
ΔpH	+0.10	-0.40	+0.20	+0.10	+0.31	+0.58	+0.77	+0.10	+0.80	+0.26	+0.98	+0.53	+0.80	+0.20	+0.30	+0.30	+0.20	-0.60	+0.30
Variation Organic matter																			
ΔOC	+0.87	-1.09	-0.96	+2.05	-0.16	-0.17	+1.8	+0.64	+1.11	+1.80	+4.50	+3.10	+3.30	-0.65	-0.20	+0.34	-0.04	-0.19	-0.48
ΔOM	+2.04	-1.89	-1.65	+1.30	-0.27	-0.29	+3.11	+1.10	+2.48	+2.20	+5.11	+2.91	+3.10	-1.12	-0.34	+0.58	0.00	-0.33	-0.83
ΔN	+0.84	+0.42	+0.14	+0.29	-0.20	-0.21	-0.19	+0.08	+0.20					-0.15	0.00	-0.14	-0.29	-0.11	0.00
Variation Exchangeable cations																			
ΔK	+0.38	0.00	-0.60	-0.18	-0.73	-0.73	-0.35	0.00	-0.06					0.00	+0.02	+0.02	0.00	0.00	0.00
ΔNa	+0.02	+0.03	+0.01	+0.05	+0.75	+0.75	+0.75	-0.02	+0.02					+0.01	0.00	0.00	0.00	0.00	0.00
ΔCa	+0.20	+0.28	+1.32	+0.80	-1.48	+0.68	+0.14	+2.80	+5.28	+0.06	+0.80	+0.60	+0.46	+0.08	+2.55	+0.52	+0.02	+7.04	0.00
ΔMg	+0.08	-0.44	-0.40	-0.60	-0.76	-0.44	-0.24	+1.40	+1.99	+0.10	+0.72	+0.51	+0.56	-0.49	-0.10	-0.16	-0.16	+42.56	+20.80
Variation Assimilable Phosphorus																			
ΔP	+0.42	+18.87	+43.72	+43.13	+63.59	+68.02	-5.71	+1.47	+6.22	+1.89	+10.51	+6.78	+8.65	+3.04	-6.70	-2.62	-2.07	+5.17	+76.83

Δ: Difference between 02 values. T41 = T01 + 600g basalt fines + 600g poultry manure; T12 = T02 + 2Kg basalt fines; T22 = T02 + 2Kg limestone fines; T62 = T02 + 1Kg limestone; T22B = T22 after 06 months of growth period; T12B = T12 after 06 months of growth period; T62B = T62 after 06 months of growth period; T13 = T03 + 3Kg basalt fines; T23 = T03 + 3Kg gneiss fines; T14 = T04 + 200g lapilli; T24 = T04 + 200g fines from volcanic pyroclastic materials; T34 = T04 + 200g highly vesicular pyroclastic materials; T44 = T04 + 200g fines from less vesicular pyroclastic materials; T15 = T05 + 1Kg basalt fines ; T25 = T05 + 1Kg basalt fines + 10ml LMO (Light Organic Material); T35 = T05 + 1Kg basalt fines + 0.5Kg green manure (Tithonia); T45 = T05 + 1Kg basalt fines + 0.5Kg green manure; T26 = T06 + 2Kg basalt fines + 0.75Kg green manure; T46 = T06 + 2Kg trachyte fines + 0.75Kg green manure (Tithonia);. Tithonia = Tithonia diversifolia

Table 3: Variation of the chemical parameters between controls and treated soils collected in the different localities of Cameroon.