

Supplemental Table 1

Amount of fractionated and total soil P of rhizosphere soil and C_{trl} after the pot experiment

(mg P kg ⁻¹ soil)		Resin-P	NaHCO ₃		NaOH		HCl-P	Residual-P	Total P
			P _i	P _o	P _i	P _o			
Andisols	WL	0.7 b (0.0)	10.0 b (0.2)	31.7 a (0.5)	231.5 a (2.1)	832.8 a (17.1)	55.8 a (1.7)	929.1 b (69.6)	2091.7 b (84.1)
	GN	2.0 a (0.2)	17.7 a (1.3)	29.1 a (1.9)	228.5 a (2.0)	790.8 a (11.6)	51.7 a (0.5)	1345.5 a (92.6)	2465.3 a (86.4)
	C _{trl}	2.4 a (0.2)	14.2 ab (2.5)	27.6 a (0.9)	234.1 a (3.4)	789.1 a (21.1)	57.7 a (2.8)	1089.5 ab (85.0)	2214.6 ab (79.5)
Andi-Fer	WL	72.5 b (1.3)	108.9 b (2.2)	20.5 a (0.6)	1336.5 b (19.3)	999.8 a (14.4)	198.1 a (2.3)	1735.5 b (96.3)	4471.8 b (98.0)
	GN	112.0 a (3.3)	142.5 a (4.0)	25.2 a (1.9)	1377.1 b (28.6)	1067.6 a (20.7)	205.8 a (3.9)	2495.2 a (240.3)	5413.1 a (218.9)
	C _{trl}	122.9 a (3.7)	149.1 a (5.2)	20.5 a (3.2)	1502.9 a (27.9)	1049.1 a (22.7)	218.0 a (8.6)	2058.7 ab (142.8)	5118.3 a (157.6)
Inceptisols	WL	0.6 b (0.0)	6.3 a (0.6)	6.9 b (1.1)	20.4 b (0.9)	85.2 a (3.4)	0.9 a (0.3)	293.0 a (10.4)	413.3 a (12.7)
	GN	0.7 b (0.1)	6.0 a (0.3)	8.7 b (0.1)	19.2 b (0.1)	88.4 a (2.8)	1.1 a (0.0)	268.9 a (15.1)	393.0 a (12.9)
	C _{trl}	2.0 a (0.5)	7.3 a (0.5)	13.8 a (1.5)	26.2 a (1.4)	82.9 a (2.3)	1.2 a (0.0)	236.2 a (56.7)	369.7 a (54.8)
Incepti-Fer	WL	73.9 a (1.5)	78.3 a (5.3)	9.9 a (0.5)	2799.6 a (36.6)	78.4 b (11.9)	203.0 b (3.0)	9645.5 a (103.0)	12872.9 a (123.8)
	GN	60.3 a (11.8)	105.8 a (6.2)	11.0 a (1.5)	2854.2 a (7.8)	274.0 a (39.7)	248.3 a (4.0)	8815.0 b (38.8)	12378.2 a (55.3)
	C _{trl}	72.5 a (7.7)	104.6 a (11.0)	10.7 a (1.2)	2919.8 a (55.3)	265.7 a (39.7)	241.2 a (6.4)	8934.2 b (199.2)	12548.8 a (172.3)
Entisols	WL	0.7 a (0.1)	1.2 b (0.1)	3.0 a (0.7)	15.4 a (0.3)	8.1 b (0.1)	6.4 a (0.6)	51.6 a (1.9)	86.4 a (1.4)
	GN	0.5 a (0.2)	4.9 a (1.2)	2.7 a (0.7)	15.9 a (0.6)	10.6 a (1.0)	8.3 a (0.8)	45.1 b (0.3)	86.0 a (1.3)
	C _{trl}	0.9 a (0.2)	3.3 ab (1.0)	1.7 a (0.3)	16.1 a (0.8)	10.6 a (0.6)	7.1 a (0.6)	38.3 c (1.5)	76.8 b (1.4)
Enti-Fer	WL	14.6 c (0.9)	34.2 b (1.2)	10.5 a (1.0)	66.7 b (1.6)	23.4 a (2.5)	17.6 b (0.7)	82.6 a (3.7)	249.6 a (1.3)
	GN	21.4 b (1.8)	41.4 a (1.4)	8.9 ab (0.4)	76.2 a (2.0)	26.1 a (1.8)	21.3 a (0.7)	83.5 a (5.6)	278.6 a (4.6)
	C _{trl}	28.1 a (0.9)	40.1 a (0.6)	6.5 b (0.2)	71.8 ab (0.1)	22.3 a (1.0)	17.8 b (0.5)	62.1 a (18.1)	248.8 a (19.6)

Different letters indicate significant differences among WL, GN and C_{trl}, according to Tukey test (P<0.05).

Values in parentheses indicate the standard errors of the mean.