

Supplementary Table S1. Altitude and top soil parameters in all farms analyzed. (Av± S.E= Average± standard errors).

Site ¹	Altitude (m.a.s.l)	Soil pH (H ₂ O)	Carbon content	Soil organic matter (%)	Nitrogen content	Particle distribution (%)			Textural class
						Sand	Silt	Clay	
I-1	278	5.48	1.75	3.02	0.15	59.64	28	12.36	Sandy Loam
I-2	320	4.42	0.75	1.29	0.06	85.64	4	10.36	Loamy Sand
I-3	341	5.07	3.52	6.07	0.3	76.64	13	10.36	Sandy Loam
A-1	515	5.92	3.25	5.6	0.28	74.64	7	18.36	Sandy Loam
A-2	859	6.62	2.5	4.31	0.22	53.64	19	27.36	Sandy Clay Loam
P-1	647	7.76	3.25	5.6	0.28	23.64	18	58.36	Clay
P-2	657	7.99	3.25	5.6	0.28	61.64	10	28.36	Sandy Clay Loam
P-3	714	6.63	3.75	6.47	0.32	61.64	9	29.36	Sandy Clay Loam
P-4	724	7.65	1	1.72	0.09	47.64	18	34.36	Sandy Clay Loam
P-5	737	7.42	0.6	1.03	0.05	71.64	8	20.36	Sandy Clay Loam
P-6	764	6.88	1.75	3.02	0.15	57.64	14	28.36	Sandy Clay Loam
P-7	958	5.34	3.05	5.26	0.26	79.64	6	14.36	Sandy Loam
P-8	981	5	3	5.17	0.26	62.64	15	22.36	Sandy Clay Loam
P-9	1001	7	3.6	6.21	0.31	39.64	16	44.36	Clay
P-10	1011	6.54	3.25	5.6	0.28	29.64	10	60.36	Clay
P-11	1033	6.66	3.1	5.34	0.27	31.64	12	56.36	Clay
P-12	1049	5.12	2.5	4.31	0.22	33.64	13	53.36	Clay
P-13	1063	4.94	3.35	5.78	0.29	73.64	12	14.36	Sandy Loam
P-14	1111	6.46	3.25	5.6	0.28	33.64	18	48.36	Clay
P-15	1137	6.6	3.25	5.6	0.28	61.64	8	30.36	Sandy Clay Loam
C-1	785	7.91	2.75	4.74	0.24	63.64	8	28.36	Sandy Clay Loam
C-2	801	7.89	3.55	6.12	0.31	69.64	8	22.36	Sandy Clay Loam
C-3	820	7.89	2.74	4.73	0.24	65.64	8	26.36	Sandy Clay Loam
C-4	830	8.06	3	5.17	0.26	43.64	16	40.36	Clay
C-5	873	5.62	3.5	6.03	0.3	57.64	20	22.36	Sandy Clay Loam
C-6	894	7	3.5	6.03	0.3	70.64	5	24.36	Sandy Clay Loam
C-7	917	6.86	3.25	5.6	0.28	45.64	22	32.36	Sandy Clay Loam
C-8	931	6.05	3.61	6.23	0.31	71.64	8	20.36	Sandy Clay Loam
C-9	1176	7.6	3.66	6.3	0.32	79.64	4	16.36	Sandy Loam
Av±S.		6.57±0.2				58.19±3.	12.31±1.	29.5±2.7	
E.		01	2.87±0.163	4.95±0.28	0.25±0.014	15	09	1	

¹I-(1-3): Plot in Imaza; A-(1-2): Plots in Aramango; P-(1-14): Plots in La Peca; C-(1-9): Plots in Copallín

Supplementary Table S2: Soil and plant (Root, Leaf, Testa, and Cotyledon) Cd concentrations found in all farms analyzed, include transfer factors.

Site ¹	Cd (mg.kg ⁻¹) per samples					Transfer Factor						
	Soil	Root	Leaf	Testa	Cotyledon	Root Cd / Soil Cd	Leaf Cd / Soil Cd	Testa Cd / Soil Cd	Cotyledon Cd / Soil Cd	Leaf Cd / Root Cd	Testa Cd / Root Cd	Cotyledon Cd / Root Cd
I-1	1.76	8.95	8.08	3.03	5.02	5.09	4.59	1.72	2.85	0.90	0.34	0.56
I-2	1.10	0.75	1.18	0.08	0.56	0.68	1.07	0.07	0.51	1.57	0.10	0.75
I-3	1.75	0.33	3.70	0.58	0.88	0.19	2.11	0.33	0.50	11.38	1.77	2.71
A-1	1.97	0.08	1.43	0.43	0.69	0.04	0.72	0.22	0.35	19.00	5.67	9.20
A-2	3.54	0.05	1.43	0.38	1.43	0.01	0.40	0.11	0.40	28.50	7.50	28.60
P-1	1.44	0.70	3.53	0.33	1.11	0.49	2.45	0.23	0.77	5.04	0.46	1.59
P-2	1.35	0.20	1.60	0.03	0.85	0.15	1.19	0.02	0.63	8.00	0.13	4.25
P-3	1.21	0.90	1.35	0.03	0.49	0.74	1.12	0.02	0.40	1.50	0.03	0.54
P-4	1.37	0.33	0.75	0.08	0.63	0.24	0.55	0.05	0.46	2.31	0.23	1.94
P-5	1.32	0.43	1.03	0.10	0.64	0.32	0.78	0.08	0.48	2.41	0.24	1.51
P-6	1.52	0.98	3.38	0.10	1.18	0.64	2.22	0.07	0.78	3.46	0.10	1.21
P-7	1.33	0.68	2.40	1.55	0.79	0.51	1.80	1.17	0.59	3.56	2.30	1.17
P-8	1.47	0.78	1.73	0.03	0.75	0.53	1.17	0.02	0.51	2.23	0.03	0.97
P-9	1.32	2.75	2.05	0.03	0.19	2.08	1.55	0.02	0.14	0.75	0.01	0.07
P-10	1.42	4.25	3.00	0.93	1.61	2.99	2.11	0.65	1.13	0.71	0.22	0.38

P-11	1.62	0.88	7.58	2.15	3.11	0.54	4.68	1.33	1.92	8.66	2.46	3.55
P-12	1.35	2.43	2.75	0.60	1.51	1.80	2.04	0.44	1.12	1.13	0.25	0.62
P-13	1.02	5.23	4.58	0.03	1.49	5.12	4.49	0.02	1.46	0.88	0.00	0.29
P-14	1.38	3.60	7.30	0.90	1.63	2.61	5.29	0.65	1.18	2.03	0.25	0.45
P-15	1.34	0.43	1.23	0.30	0.53	0.32	0.91	0.22	0.40	2.88	0.71	1.25
C-1	2.61	0.03	0.80	0.03	0.28	0.01	0.31	0.01	0.11	32.00	1.00	11.20
C-2	2.18	0.03	3.08	0.03	0.51	0.01	1.41	0.01	0.23	123.00	1.00	20.40
C-3	1.46	0.23	0.88	0.03	0.43	0.15	0.60	0.02	0.29	3.89	0.11	1.91
C-4	2.10	0.30	1.08	0.13	0.30	0.14	0.51	0.06	0.14	3.58	0.42	1.00
C-5	1.28	0.25	1.38	0.20	0.55	0.20	1.07	0.16	0.43	5.50	0.80	2.20
C-6	1.59	1.00	0.40	0.33	0.54	0.63	0.25	0.20	0.34	0.40	0.33	0.54
C-7	2.60	3.00	0.88	0.53	0.27	1.15	0.34	0.20	0.10	0.29	0.18	0.09
C-8	2.64	0.43	1.15	0.33	0.14	0.16	0.44	0.12	0.05	2.71	0.76	0.33
C-9	2.14	6.50	3.60	0.93	0.59	3.04	1.68	0.43	0.28	0.55	0.14	0.09
Min-	1.02-		0.40-		0.14-							
Max	3.54	0.03-	8.08	0.03-	5.02	0.01-	0.25-	0.0096	0.05-	0.29-	0.005-	0.07-
(Medi	(1.46	8.95	(1.60	3.03	(0.64	5.12	5.29	-1.72	2.85	123	7.5	28.6
an)	)	(0.7)	)	(0.3)	)	(0.51)	(1.17)	(0.12)	(0.46)	(2.71)	(0.25)	(1.17)

¹I-(1-3): Plot in Imaza; A-(1-2): Plots in Aramango; P-(1-14): Plots in La Peca; C-(1-9): Plots in Copallín