

Soil properties	Availability	Fr (%)	Mean	Min	Max	Median	CV (%)
Clay (%)	3842	76	24	0	80	20	64
Silt (%)	3842	76	36	0	82	37	52
Sand (%)	3842	76	41	1	100	38	63
Bulk density ( $\text{g cm}^{-3}$ )	3295	66	1.32	0.14	2.81	1.35	20
Organic carbon (%)	3102	62	3	0	88	1	200
Saturated hydraulic cond. ( $\text{cm h}^{-1}$ )	1895	38	41	0	3004	3	426
Initial soil water content ( $\text{cm}^3 \text{cm}^{-3}$ )	1569	31	0.17	0	0.63	0.14	68
Saturated soil water content ( $\text{cm}^3 \text{cm}^{-3}$ )	1400	28	0.44	0.01	0.87	0.45	24
Carbonate calcium equivalent (%)	1399	28	14	0	56	8	101
Electrical conductivity ( $\text{dS m}^{-1}$ )	1113	22	25	0	358	1	249
pH	1081	22	7.4	4.7	8.6	7.6	12
Particle density ( $\text{g cm}^{-3}$ )	438	9	2.52	1.73	2.97	2.56	9
Gypsum (%)	380	8	4	0	49	3	137
Cation exchange capacity ( $\text{cmol}_c \text{kg}^{-1}$ )	357	7	17	3	26	18	21
Wet-aggregate stability (%)	309	6	61	5	96	63	37
Residual soil water content ( $\text{cm}^3 \text{cm}^{-3}$ )	263	5	0.10	0.001	0.38	0.06	86
Mean weight diameter (mm)	258	5	1	0.10	2.75	1.0	54
Gravel (%)	243	5	18	0	92	15	84
Sodium adsorption ratio	156	3	5	0	89	1	351
Soil water content at FC ( $\text{cm}^3 \text{cm}^{-3}$ )	74	1	0.28	0.12	0.54	0.27	34
Soil water content at PWP ( $\text{cm}^3 \text{cm}^{-3}$ )	64	1	0.18	0.05	0.36	0.20	47
Geometric mean diameter (mm)	73	1	0.6	0.4	0.8	0.6	18