

Distribution of elements in the paddy soil samples collected

Variable	Range	%	Variable	Range	%
pH	2.0 - 3.0	0.0001	Zn (µg/kg)	<250	57
	3.0 - 4.0	7		250 - 500	20
	4.0 - 5.0	35		500 - 1000	13
	5.0 - 6.0	43		1000 - 4000	9
	6.0 - 7.0	13		>4000	1
	7.0 - 8.0	2			
EC (ds/m)	< 0.05	24	Cu (µg/kg)	0.04 - 19.0	20
	0.05 - 0.1	31		19.0 - 45.6	31
	0.1 - 0.15	16		45.6 - 56.0	9
	0.15 - 0.4	25		56 - 90	20
	0.4 - 0.8	3		90 - 728	20
	0.8 - 2.0	2			
	> 2.0	1			
K (mg/kg)	8_40	2	Al (µg/kg)	2 - 1200	20
	40_80	12		1200 - 2323	25
	80_160	33		2323 - 3340	15
	160_300	29		3340 - 6625	20
	300_1600	23		6625-101860	20
P (mg/kg)	1 - 5	5	Co (µg/kg)	0.03 - 26.5	20
	5 -10	27		26.5 - 60.8	20
	10_15	25		60.8 - 121.8	20
	15 - 20	18		121.8 - 277.7	20
	20 - 600	25		277.7 - 2409	20
Mg (mg/kg)	0 - 60	20	Mo (µg/kg)	0.01 - 5	20
	60 - 120	19		5 - 16.8	20
	120 - 240	27		16.8 - 27.4	20
	240 - 730	32		27.4 - 41	20
	>730	2		41 - 245	20
Fe (mg/kg)	0.0003 - 6.87	20	Pb (µg/kg)	0.02 - 7.66	20
	6.87 - 19.35	20		7.66 - 19.7	20
	19.35 - 47	20		19.7 - 35.8	20
	47 - 91.2	20		35.8 - 59	20
	91.2 - 338.64	20		59 - 832	20
Mn (mg/kg)	0.0007 - 2.9	3	Cd (µg/kg)	0.01 - 3.2	20
	2.9 - 8.8	5		3.2 - 6.6	20
	8.8 - 18.67	7		6.6 - 12.1	20
	18.67 - 37.15	65		12.1 - 21.7	20
	37.15 - 288.813	20		21.7 - 163	20
Na (mg/kg)	0 - 20	19	As (µg/kg)	0.01 - 4.4	20
	20 - 50	24		4.4 - 9.7	20
	50 -100	23		9.7 - 21.2	20
	100 -200	18		21.2 - 38.4	20
	>200	16		38.4 - 393	20

