

Table S1. Percentage of Cd content in particular organs of recovered plants. TF – root-to-shoot translocation factor. Statistically significant differences in Cd accumulation in specific organs by $p = 0.05$ are marked with different letters.

Seedlings		
	Treated with 10 mg/L	Treated with 25 mg/L
roots	81% $\pm$ 6 ^a	93% $\pm$ 2 ^a
hypocotyls	19% $\pm$ 6 ^b	7% $\pm$ 2 ^b
TF	0.3 $\pm$ 0.1	0.1 $\pm$ 0.02
Recovered plants		
	Treated with 10 mg/L	Treated with 25 mg/L
roots	62% $\pm$ 7 ^a	85% $\pm$ 4 ^a
stems	33% $\pm$ 4 ^b	11% $\pm$ 3 ^b
first leaves	5% $\pm$ 1 ^c	4% $\pm$ 1 ^c
TF	0.7 $\pm$ 0.21	0.4 $\pm$ 0.19

Table S2. Content of non-essential elements in the roots, stems and leaves of soybean plants after the recovery period from Cd stress. Values are means of 2–3 repetitions $\pm$ SE. No significant differences between Cd-treated and control plants were noted.

Element	Concentration ($\mu\text{g/g DW}$)		
	Control	Cd 10 mg/L	Cd 25 mg/L
Roots			
Aluminum (Al)	102 $\pm$ 6	113 $\pm$ 8	94 $\pm$ 2
Arsenic (As)	2 $\pm$ 0	1.8 $\pm$ 0	2 $\pm$ 0
Bromine (Br)	9 $\pm$ 0	8.3 $\pm$ 1	9 $\pm$ 1
Rubidium (Rb)	21 $\pm$ 1	22 $\pm$ 2	18 $\pm$ 0
Stems			
Aluminum (Al)	56 $\pm$ 3	51 $\pm$ 2	41 $\pm$ 4
Arsenic (As)	0.5 $\pm$ 0	0.4 $\pm$ 0	0.5 $\pm$ 0.2
Bromine (Br)	8 $\pm$ 3	9 $\pm$ 1	9 $\pm$ 1
Rubidium (Rb)	10 $\pm$ 1	12 $\pm$ 1	14 $\pm$ 6
Leaves			
Aluminum (Al)	69 $\pm$ 11	72 $\pm$ 6	50 $\pm$ 3
Arsenic (As)	0.3 $\pm$ 0	0.4 $\pm$ 0	1 $\pm$ 1
Bromine (Br)	4 $\pm$ 1	1.5 $\pm$ 0	4 $\pm$ 1
Rubidium (Rb)	12 $\pm$ 0	13 $\pm$ 1	14 $\pm$ 0