

Figure S1 Activities of cytomembrane adenosine triphosphatase (ATPase, A) and ratios of K and Na (K/Na ratio) in tender leaves and fine roots irrigated with or without magnetized water and exposed to cadmium stress. Data in the table are the means \pm *SE* of at least three replicates. Different lowercase letters indicate significant differences among the four treatments at the 0.05 level in leaves and roots.

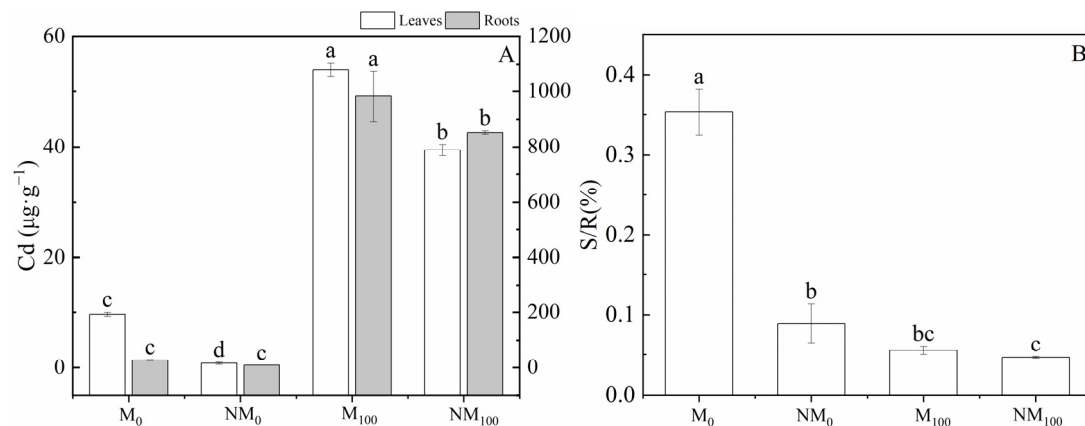


Figure S2 Changes in cadmium contents (Cd, A) in tender leaves and fine roots and the biological transfer coefficient of Cd from leaves to roots (S/R, B) of 'Neva' irrigated with or without magnetized water and exposed to cadmium stress. Data in the table are the means \pm *SE* of at least three replicates. Different lowercase letters indicate significant differences among the four treatments at the 0.05 level in leaves and roots.

Table S1 Changes in root morphological characteristics of ‘Neva’ irrigated with or without magnetized water and exposed to cadmium stress. Different lowercase letters indicate significant differences among the four treatments at the 0.05 level. Data in the table are the means \pm SD of at least three replicates.

Treatments	Length (cm)	Surface Area (cm ²)	Average Diameter (mm)	Root Volume (cm ³)	Tips	Number of Short Roots \leq 1.5 cm
M ₀	260.30 \pm 18.23a	71.57 \pm 5.47a	0.90 \pm 0.08a	1.71 \pm 0.042a	1794.83 \pm 60.29a	254.56 \pm 17.44ab
NM ₀	152.85 \pm 31.38b	36.29 \pm 1.10b	0.64 \pm 0.18a	0.74 \pm 0.038a	948.67 \pm 43.31c	154.41 \pm 12.12c
M ₁₀₀	218.80 \pm 25.30ab	52.16 \pm 15.89ab	0.68 \pm 0.09a	0.94 \pm 0.038a	1463.17 \pm 28.27b	302.39 \pm 20.42a
NM ₁₀₀	155.37 \pm 19.15b	38.58 \pm 12.19ab	0.57 \pm 0.05a	0.79 \pm 0.031a	790.00 \pm 40.75c	217.57 \pm 20.43b