

## Response of *Lepidium Sativum* to Ionic Toxicity

**Authors :** M. F. El-Barghathi, R. El-Tajouri

**Abstract :** The effect of different concentrations of cadmium sulfate " $\text{CdSO}_4$ " (0.0, 10, 50, 100, 500 ppm) was tested on seed germination, seedling elongation and growth of *Lepidium sativum* (garden cress) plants. Results indicated that seed germination and seedling elongation were not inhibited by different concentrations of  $\text{CdSO}_4$ . This could suggest that, *Lepidium sativum* may be used as a phyto remediation tool of soils contaminated with cadmium.

**Keywords :** *Lepidium sativum*, heavy metals, ionic toxicity, phytoremediation

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