



Phytoremediation of Heavy Metals (Cadmium & Hexavalent Chromium) from *Hordeum Vulgare*

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ABSTRACT: Five partially tolerant and five non tolerant accessions of barley i.e. *Hordeum vulgare* for cadmium and hexavalent chromium were analyzed for the assessment of heavy metal in the plant. This study was designed to assess total contents of Cd and Cr⁶⁺ in the plant root and leaves. The accumulation of metals from roots to shoots was evaluated in terms of Translocation Factor (TF). Total metal concentrations of Cd and Cr⁶⁺ in root and leaves varied between 29.84 - 0.35 µg/g. © 2014 iGlobal Research and Publishing Foundation. All rights reserved.

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