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Metals, Metalloids and Toxicity in Date Palms: Potential Environmental Impact

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ABSTRACT

This paper summarizes our studies on metal and metalloid uptake by the date palm, *Phoenix dactylifera* L., a tree of considerable importance in arid regions. The typical concentrations of 17 elements in the date palm are summarized and compared with existing data in the scientific literature. The role and toxicity of these elements are considered. Issues encountered by us during sample collection, pre-treatment and chemical analysis are described. Future studies are suggested.

KEYWORDS

Date Palm, Metalloids, Metals, Toxicity

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