

## **DOLOMITE LIMESTONE USING FOR REDUCING OF CADMIUM AND LEAD MOBILITY IN THE SOIL**

### **VYUŽITÍ DOLOMITICKÉHO VÁPENCE JAKO SORBENTU PRO SNÍŽENÍ MOBILITY KADMIA A OLOVA V PŮDĚ**

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#### **Abstract:**

Heavy metals can be considerable source of agricultural soil contamination, especially its mobile fraction moving through the soil profile. Dolomite limestone (DL) is able to decrease chosen heavy metals mobility in soil. From results we can see decreasing effect of applied DL on lead and cadmium mobility. Results demonstrate also, that 10x higher application of DL have not other positive effect on lead and cadmium mobility decreasing.

#### **Keywords:**

Heavy metals, leaching, lysimeter, limestone load, soil profile