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TRANSFORMATION OF TECHNOGENIC Cu AND Zn COMPOUNDS IN CHERNOZEM

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Abstract

The influence of exogenous form of heavy metals intake on their transformation in the soil is determined during model experiments. Distinctions in quantity of extracted mobile compounds of heavy metals in the soil depending on a form of addition various connections of Cu and Zn are established. The smallest mobility of Cu and Zn at addition of heavy metal oxides is observed. It is established that Cu accumulates mainly in the fraction connected with organic matter; Zn accumulates in residual fraction and in the fraction connected with ferric oxide and manganese oxide by consecutive fractionation technique.

Key words: attendant anion, chernozem ordinary, fractionation, heavy metals compounds, transformation

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