

**STANDARDIZED PLANT TESTS FOR GENOTOXIC PHYTO-  
INDICATION OF RADIOACTIVE-CONTAMINATED SOIL FROM  
SITES AROUND NPP JASLOVSKÉ BOHUNICE**

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**ABSTRACT**

Radioactive-contaminated soil from sites around NPP Jaslovské Bohunice were evaluated by standardized plant tests for genotoxic phytoindication. It confirmed conclusions from our previous tests with wild plants. Adding results from positive controls at *Vicia faba* and *Tradescantia paludosa* 02 we may point at possible radioresistance. Sources of this effect are discussed.

**Key words:** radioactivity, contamination, plant tests, nuclear power plants