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**THE SPATIAL VARIABILITY OF UREASE ACTIVITY OF SURFACE AGRICULTURAL SOILS WITHIN AN URBAN AREA**

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**ABSTRACT**

Soil enzymes play a major role in the mineralization processes of organic materials. The soil enzymes originate from animal, plant and microbial sources and the resulting soil biological activity including the metabolic processes of all these organisms. Information on soil enzyme activities used to determine soil microbiological characteristics are very important for soil quality and healthy.

**Key words: Spatial variability, soil urease activity, site specific management**

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