



Heavy Metals Pollution Effect on Environment and Tomato Cultivation

Afete Musliu^{*}, Seit Shallari²

¹ University of Prishtina, Faculty of Geosciences and Technology, Department of Technology, 40000 Mitrovicë, Republic of Kosova; ² Agricultural University of Tirana, Faculty of Agriculture and Environment, Tirana, Albania

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Abstract: As a consequence of the environment pollution we have contaminated food. Regular quality control of food is very important for human health. Environment has a direct impact on agricultural products, particularly in the region where pollution is very high comparing to other regions such is Mitrovica town, Kosovo, pollution which is a result of the numerous industrial processes as well as active and passive landfills created by these processes. High environmental pollution in this town has caused huge consequences in public health as well as in ecosystem. Subject of this is to analyze the presence of heavy metals in tomatoes produced in three sampling point in Mitrovica and surroundings as well as one sampling point in Peja region for comparison purposes. For determining the concentration of heavy metals in tomato we have applied analytical standard's methods AOAC 999.11, while we have referred to allowable limits as per EU commission regulation (EC) No 1881/2006 and National Public Health Institute Kosovo (NPHIK) standards. Analyses were conducted using Spectrophotometer of Atomic Absorption.

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^{*} Corresponding: E-Mail: afete-musliu@hotmail.com, Tel: +37744596175; Fax: +38128530332