



## **Studing effect of compost made of urban on yield and heavy metal uptake of Tomato and Squash**

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Since the OM of up to 60% of landy under cultivation is loss than 1% it seems nesecary to provide resonable levels of OM for achieving ahiger yield and permanent agriculture one of the strategies is usingt organic fertilizer among them compost. A field study with Tomato and Squash was conducted to examine uptake of heavy metal from compost made of urban. The experiment was conducted with 3 replicutes, 3 levels of compost [0, 24, 48 kg/ha] , 2 plant [Tomato,Squash] and heavy metal concentrations in shoots, roots and fruits of the plants were determined separately. Results showed total concentration of Cd, Cu, Pb, Ni, Zn increased with increasing compost levels. Also with increaseing compost levels the yield of tomato and squash increased significantly. Increasing yield related to nitrogen and phosphorus rates that existing in compost. As well existing organic matter, improved soil physical properties.

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