

Effect of lead and salicylic acid on some plant growth parameters in *Pisum sativum* L

Ratushnyak A., Andreeva M., Kayumov A., Bogachev M., Trushin M.
Kazan Federal University, 420008, Kremlevskaya 18, Kazan, Russia

Abstract

Lead is a ubiquitous pollutant in the environment widely distributed in soil and waters. Lead-polluted soils may be the major reason for reduction of agricultural products. Therefore, search of compounds with antitoxic properties seems a very actual task. This study was performed to investigate the possible antitoxic effect of salicylic acid using plants of pea (*Pisum sativum* L.) as experimental objects. It was detected that salicylic acid displayed selective action on plant growth parameters in pea. The possible explanations for the observed phenomena were presented. © IDOSI Publications, 2012.

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Keywords

Growth, Lead, Pea, Plants, Salicylic acid, Toxicity