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## **MANAGEMENT OF THE POTATO CROPS FOR MINIMIZING ENVIRONMENTAL AND HUMAN HEALTH IMPACTS**

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### **Abstract**

There are two major aspects treated in this paper. The first concerns the management of potato crop for minimizing the impact to environment and people. Organic potato and its technology are the key words for such management. The second aspect addresses the post-harvest management of organic potato obtained in a friendly environment system, aiming the preservation of their initially quality properties. For this purpose a method for testing using a digital potato is presented. The digital potato is a high tech measurement device, very useful for testing the impact between mechanized system and soil as well as the impacts between potatoes and harmful surfaces from the handling chain. The results obtained with this device are important in the harvest and post-harvest potato management for obtaining quality potato for people consumption.

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