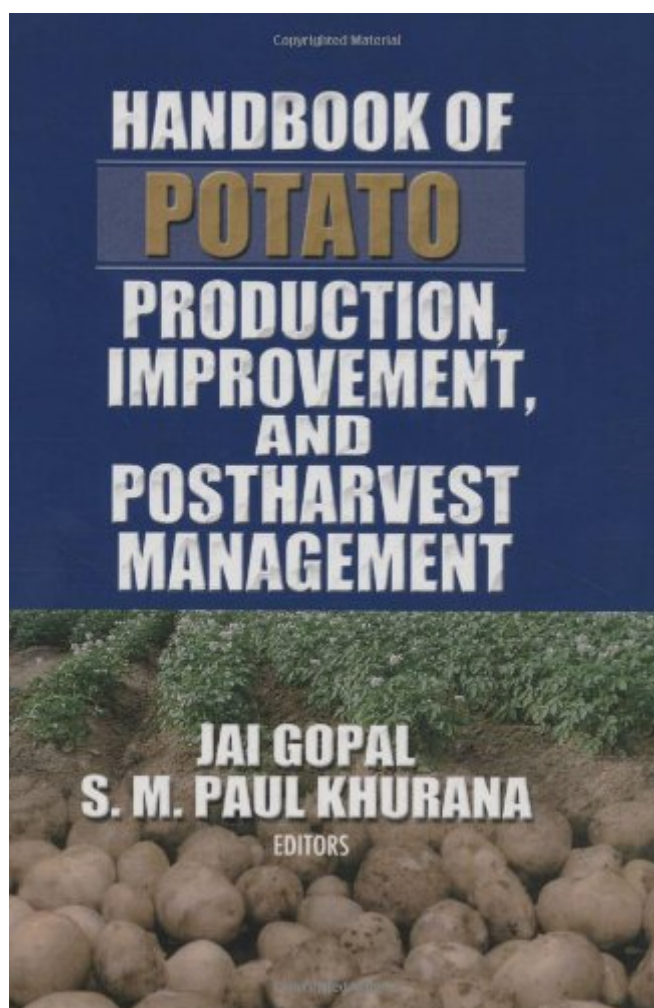


# Handbook of Potato Production, Improvement, and Postharvest Management (Crop Science) PDF



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Handbook of Potato Production, Improvement, and Postharvest Management (Crop Science) by Jai Gopal, S.M. Khurana ISBN 1560222719

The basics through practical application—all in one book!

Potatoes are a crucial food crop around the world, grown in nearly 150 countries. The Handbook of Potato Production, Improvement, and Postharvest Management compiles everything you need to know about potato crop production in one well-organized reference. Leading international authorities clearly discuss the biology, genetics, breeding, diseases, and effective approaches for improvement of crop and handling after harvest. This one-of-a-kind text explores, from

interdisciplinary perspectives, every aspect of potato crop management from seed germination to end use while presenting the most current research available.

The Handbook of Potato Production, Improvement, and Postharvest Management reviews both wild and cultivated potatoes, examining the crop's origins, history, and habitat. Cultivation techniques are discussed in detail, with emphasis on breeding, biotechnological, and agronomic methods that can improve yield and help ensure the health of the vegetable. Qualitative and quantitative genetic traits are comprehensively explained, and integrated management of pests, diseases, weed, and water are extensively considered. Various abiotic stresses are examined, including heat, drought, salinity, frost, and others. Potato crop's most devastating disease, late blight, is explored in detail. Different types of after-harvest storage are analyzed with an eye toward maintaining optimum freshness year-round, and a useful description of biochemical changes effected during storage is included. Processing and detailed information on food value are also reviewed. In addition, a final chapter explores true potato seed (TPS) options. The book includes detailed references and helpful tables, graphs, and figures to enhance understanding of material.

Topics in the Handbook of Potato Production, Improvement, and Postharvest Management include:

- history
- structure
- biosystematics
- genetics
- breeding
- biotechnology for improvement
- approaches to improve quality
- ecophysiology and agronomic management
- comprehensive information on diseases and viruses
- insects
- abiotic stresses and their management
- storage issues
- processing
- *and much more!*

The Handbook of Potato Production, Improvement, and Postharvest Management makes an invaluable desktop reference for educators, postgraduate students, researchers, and any potato industry professional. The text is also perfect for university reference libraries.

## **Handbook of Potato Production, Improvement, and Postharvest Management (Crop Science) Review**

This Handbook of Potato Production, Improvement, and Postharvest Management (Crop Science) book is not really ordinary book, you have it then the world is in your hands. The benefit you get by reading this book is actually information inside this reserve incredible fresh, you will get information which is getting deeper an individual read a lot of information you will get. This kind of Handbook of Potato Production, Improvement, and Postharvest Management (Crop Science) without we recognize teach the one who looking at it become critical in imagining and analyzing. Don't be worry Handbook of Potato Production, Improvement, and Postharvest Management (Crop Science) can bring any time you are and not make your tote space or bookshelves' grow to be full because you can have it inside your lovely laptop even cell phone. This Handbook of Potato Production, Improvement, and Postharvest Management (Crop Science) having great arrangement in word and layout, so you will not really feel uninterested in reading.