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Autore	Campos Hugo
Titolo	The Potato Crop [[electronic resource] ] : Its Agricultural, Nutritional and Social Contribution to Humankind / / edited by Hugo Campos, Oscar Ortiz
Pubbl/distr/stampa	Cham, : Springer Nature, 2020 Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020
ISBN	3-030-28683-5
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (518)
Disciplina	630
Soggetti	Agriculture Nutrition Plant breeding Food—Biotechnology Agricultural economics Nutrition Plant Breeding/Biotechnology Food Science Agricultural Economics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Preface -- Global Food Security, Contributions from Sustainable Potato Agri-Food Systems -- The Potato and its Contribution to the Human Diet -- Enhancing Value Chains through Collective Actions: Lessons From the Andes, Africa and Asia -- Ex situ Conservation of Potato [Solanum Section Petota (Solanaceae)] Genetic Resources in Genebanks -- The Genes and Genomes of the Potato -- Potato Breeding -- Genetics and Cytogenetics of Potato -- Insect Pests Affecting Potatoes in Tropical, Subtropical and Temperate Regions -- Fungal, Oomycete and Plasmodiophorid Diseases of Potato -- Bacterial Diseases of Potato -- Viral Diseases in Potato -- Potato Seed Systems -- Participatory Research (PR) at CIP with Potato Farming Systems in the Andes: Evolution and Prospects -- Gender Topics on Potato Research and

Sommario/riassunto

This book is open access under a CC BY 4.0 license. This book provides a fresh, updated and science-based perspective on the current status and prospects of the diverse array of topics related to the potato, and was written by distinguished scientists with hands-on global experience in research aspects related to potato. The potato is the third most important global food crop in terms of consumption. Being the only vegetatively propagated species among the world's main five staple crops creates both issues and opportunities for the potato: on the one hand, this constrains the speed of its geographic expansion and its options for international commercialization and distribution when compared with commodity crops such as maize, wheat or rice. On the other, it provides an effective insulation against speculation and unforeseen spikes in commodity prices, since the potato does not represent a good traded on global markets. These two factors highlight the underappreciated and underrated role of the potato as a dependable nutrition security crop, one that can mitigate turmoil in world food supply and demand and political instability in some developing countries. Increasingly, the global role of the potato has expanded from a profitable crop in developing countries to a crop providing income and nutrition security in developing ones. This book will appeal to academics and students of crop sciences, but also policy makers and other stakeholders involved in the potato and its contribution to humankind's food security. .

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2. Record Nr.	UNISALENTO991004384536507536
Titolo	Cambiamento climatico, agricoltura e alimentazione
Pubbl/distr/stampa	Parma : Barilla center for food nutrition, [2009]
Descrizione fisica	63 p. : ill. ;  c 30 cm
Disciplina	577.27
Soggetti	Climate change - Agriculture - Food
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia