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Titolo	Turmeric (<i>Curcuma longa</i> L.) and Ginger (<i>Zingiber officinale</i> Rosc.) - World's Invaluable Medicinal Spices : The Agronomy and Economy of Turmeric and Ginger // by Kodoth Prabhakaran Nair
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2019
ISBN	3-030-29189-8
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (577 pages) : illustrations
Disciplina	584.39
Soggetti	Botany Economic geography Geobiology Agriculture Plant ecology Food—Biotechnology Plant Sciences Economic Geography Biogeosciences Plant Ecology Food Science Plantes medicinales Llibres electrònics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	1: Origin and history -- 2: The Botany of Turmeric: -- 3: The genetics of Turmeric -- 4: The chemistry of Turmeric -- 5: The biotechnology of turmeric -- 6: The Agronomy of Turmeric -- 7: Nutrition and nutrition management in Turmeric;- 8: Turmeric Entomology -- 9: Turmeric Nematology -- 10: Diseases of Turmeric -- 11: Harvesting and Post-harvest management of Turmeric -- 12: Nutraceutical properties of turmeric -- 13: The ornamental <i>Curcuma</i> -- 14: Turmeric in Ayurveda: Ayurveda is an ancient Indian system of medicine -- 15: The Ginger:

History and Origins -- 16: The chemistry of ginger -- 17: Ginger physiology.-18: Cropping zones and production technology of ginger -- 19; The biotechnology of ginger -- 20: Ginger nutrition -- 21: The chapter will discuss diseases caused by oomycetes and True Fungi, soft rot of ginger and diseases caused by nematodes -- 22: The insect pests of ginger and their control -- 23: The post-harvest and industrial production of ginger -- 24: Production, marketing and economics of ginger -- 25: Pharmacology and nutraceutical uses of ginger -- 26: Ginger as a spice and flavorant -- 27: Additional Economically Important Ginger Species -- Conclusions.

Sommario/riassunto

This book discusses the various aspects, from production to marketing of turmeric and ginger, the world's two most important and invaluable medicinal spice crops. The book begins with their origin and history, global spread, and goes on to describe the botany, production agronomy, fertilizer practices, pest management, post-harvest technology, pharmacology and nutraceutical uses. The book presents the economy, import-export and world markets involved with reference to turmeric and ginger. It would be a benchmark and an important reference source for scientists, students, both undergraduate and post graduate, studying agriculture and food sciences and policy makers. It would be of great interest to professionals and industry involved in spice trade.
