

1. Record Nr.	UNINA9910886072403321
Titolo	Cereals and Nutraceuticals // edited by Joginder Singh, Sawinder Kaur, Prasad Rasane, Jyoti Singh
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2024
ISBN	981-9725-42-9
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (290 pages)
Disciplina	641.331
Soggetti	Food science Nutrition Agriculture Botany Food Science Plant Science
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	1. Introduction to Nutri-Cereals -- 2. Barley -- 3.Maize -- 4. Oats -- 5. Rye -- 6. Sorghum and Millets -- 7. Teff and Fonio -- 8. Triticale -- 9. Buckwheat -- 10. Quinoa -- 11. Amaranth.
Sommario/riassunto	This book is focused on the production, cultivation, processing, composition, nutritional value, value addition, health implications, limitations and safety of nutriceals with an emphasis on their functional significance. With changing food habits and increasing health concerns, consumers around the world are opting for a more nutritious diet than that was consumed until recently. Nutriceals are now becoming a food of choice for many and newer products are being developed using them. Thus, a better understanding of these valuable crops is becoming essential. Researchers and scientists around the world have now turned their attention to nutriceals as a cheaper and most important solution to nutritional deficiencies. Processing of these cereals is matter of advanced research in recent times to make it suitable and palatable for human consumption and taste, and hence high emphasis is given on processing and value addition of these cereals. A comprehensive account of these important aspects is highly

required. The book covers specific aspects of the nutriceals of consumption pattern and acceptance and the cultivation practices and health benefits associated with their consumption. Considerations on processing, value addition and safety associated with various nutriceals and current and future challenges and the opportunities for its utilization are highlighted in the book. This book forms an important resource on nutriceals for food technologists and food scientists. .
