

|                         |   |
|-------------------------|---|
| 1. Record Nr.           | UNINA9910765545903321   |
| Autore                  | Kahramanoglu Ibrahim  |
| Titolo                  | New advances in postharvest technology // Ibrahim Kahramanoglu  |
| Pubbl/distr/stampa      | London : , : IntechOpen, , 2023   |
| ISBN                    | 1-83768-542-8   |
| Descrizione fisica      | 1 online resource : illustrations   |
| Disciplina              | 635   |
| Soggetti                | Horticultural crops - Postharvest technology  |
| Lingua di pubblicazione | Inglese   |
| Formato                 | Materiale a stampa  |
| Livello bibliografico   | Monografia  |
| Nota di contenuto       | <p>1. Green Technology for Reducing Postharvest Losses and Improving the Nutritional Quality of Fresh Horticultural Produce -- 2. Improved Postharvest Techniques for Fruit Coatings -- 3. Alternative Green and Novel Postharvest Treatments for Minimally Processed Fruits and Vegetables -- 4. Volatile Organic Compounds Produced by Microbes in the Management of Postharvest Diseases of Fruits -- 5. Application of Phytohormones, Growth Regulators, and Calcium to Preserve Fruit Quality in Pre- and Post-Harvest -- 6. New Advances in Postharvest Technology: An Overview for Feed Production from Postharvest Wastes and By-Products -- 7. Pre-Harvest and Postharvest Factors Affecting Quality and Shelf Life of Harvested Produce -- 8. Appropriate Post-Harvest Technologies for Biofortified Crops Pro Enhanced Utilization, Value Addition, and Micronutrient Retention -- 9. Role of Traceability Systems for Food Safety within Post-Harvest Systems: Indian Context -- 10. An Overview of the Recent Developments in the Postharvest Application of Light-Emitting Diodes (LEDs) in Horticulture -- 11. Recent Development in the Preharvest 1-MCP Application to Improve Postharvest Fruit Quality -- 12. Pomegranate: Postharvest Fungal Diseases and Control -- 13. Prunus spp. Fruit Quality and Postharvest: Today's Challenges and Future Perspectives -- 14. The Role of Some Pre and Postharvest Applications on Storage Behavior and Protein Pattern of Date Palm Fruits Phoenix dactylifera L. cvs. Berhi and Breim -- 15. Smallholder Maize Farmers Need Better Storage for Food Security: An Exploratory Study over the Storage Types Used in Uganda.</p> |

Producers spend a great deal of money, natural resources (especially water and soil), labor, and time every year in order to feed the world's population. However, almost one-third of the products produced as a result of all these efforts are lost before reaching consumers due to postharvest losses, which threaten both the food supply and agricultural sustainability. For this reason, it is extremely important to prevent postharvest losses of fruits and vegetables. In this context, this book provides general and new information about the physiology of postharvest losses and the latest technological developments in postharvest systems. Each chapter provides up-to-date information about the postharvest physiology and technology of fruits and vegetables for students, teachers, professors, scientists, farmers, food packers and sellers, and entrepreneurs engaged in the fresh food preservation industry.

---