

1. Record Nr.	UNINA9911007013503321
Autore	Ramaswamy Hosahalli S.
Titolo	Post-Harvest Technologies of Fruits & Vegetables
Pubbl/distr/stampa	DEStech Publications
ISBN	9781523153749 1523153741
Disciplina	635
Soggetti	Fruit - Postharvest technology Vegetables - Postharvest technology Fruit - Postharvest physiology Vegetables - Postharvest physiology Fruit - Storage Vegetables - Storage Irradiated fruit Irradiated vegetables
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	An overview of postharvest losses and causes -- Classification of fruits and vegetables -- Structure of fruits and vegetables -- Composition and nutritional qualities -- Harvesting of fruits and vegetables -- Quality and maturity indices -- Post harvest physiology of fruits and vegetables : respiration -- Post harvest physiology of fruits and vegetables : transpiration -- Cooling of fruits and vegetables -- Cold storage systems for fruits and vegetables -- Packaging of fruits and vegetables -- Irradiation of fruits and vegetables -- Postharvest pathology -- Postharvest treatments.
Sommario/riassunto	A comprehensive introduction to traditional and emerging areas of post-harvest technology, this text investigates factors that cause deterioration in the post-harvest quality and enhance shelf-life of perishable produce. The book explains all major post-harvest storage and handling technologies for fruits and vegetables in their fresh state, and also covers MAP packaging. Psychrometric principles and their role

in post-harvest storage are examined to understand moisture transfer phenomena in produce storage. This volume includes calculations for process control and shelf-life prediction. --

---