



Postharvest handling a systems approach /

Florkowski, Wojciech J.
Shewfelt, Robert L.

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Consideration of the interactions between decisions made at one point in the supply chain and its effects on the subsequent stages is the core concept of a systems approach. Postharvest Handling is unique in its application of this systems approach to the handling of fruits and vegetables, exploring multiple aspects of this important process through chapters written by experts from a variety of backgrounds. Newly updated and revised, this second edition includes coverage of the logistics of fresh produce from multiple perspectives, postharvest handling under varying weather conditions, quality control, changes in consumer eating habits and other factors key to successful postharvest handling. The ideal book for understanding the economic as well as physical impacts of postharvest handling decisions

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Contenido: Systems Approach to Postharvest Handling -- Business Models of Fresh Produce in the United States -- Challenges in Handling Fresh Fruits and Vegetables -- Preharvest Physiological and Cultural Effects on Postharvest Quality -- Measuring Quality and Maturity -- Microbial Quality -- Testing and Measuring Consumer Acceptance -- Modeling Quality Characteristics -- Visual Inspection and Sorting: Finding Poor Quality Before the Consumer Does -- Latent Damage: A Systems Perspective -- Nondestructive Evaluation: Detection of External and Internal Attributes Frequently Associated with Quality or Damage -- Stress Physiology: A Cellular Approach to

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