



A Framework for Optimising Post-Harvest Handling in Côte d'Ivoire to Minimise Fruit and Vegetable Losses: An Agricultural Perspective

A Framework for
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Handling

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Abstract

Côte d'Ivoire is a significant producer of fruits and vegetables in West Africa, yet post-harvest losses remain substantial, contributing to economic inefficiencies and food security challenges. A mixed-methods approach will be employed, incorporating literature reviews, expert interviews, and scenario analyses to identify key factors affecting post-harvest loss reduction. The theoretical framework outlines strategies for policymakers and stakeholders to address post-harvest loss issues through targeted interventions such as improved storage facilities and enhanced supply chain management. Policymakers should prioritise the development and implementation of the proposed infrastructure solutions, coupled with capacity-building programmes for farmers and extension services. The empirical specification follows $Y = \beta_{0+\beta}^{-1} p X + \text{varepsilon}$, and inference is reported with uncertainty-aware statistical criteria.

Keywords: *African geography, post-harvest management, supply chain analysis, perishable products, agricultural economics, risk assessment, value chain theory*

ABSTRACT-ONLY PUBLICATION

This is an abstract-only publication. The complete research paper with full methodology, results, discussion, and references is available upon request.

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