



Improving Post-Harvest Handling in Fruits and Vegetables of Côte d'Ivoire: A Systematic Review of Literature from 2003 to 2003

Kamta Coulibaly¹

¹ Côte d'Ivoire Institute for Migration Studies

Published: 11 April 2003 | **Received:** 15 January 2003 | **Accepted:** 21 February 2003

Correspondence: kcoulibaly@hotmail.com

DOI: [10.5281/zenodo.18767261](https://doi.org/10.5281/zenodo.18767261)

Author notes

Kamta Coulibaly is affiliated with Côte d'Ivoire Institute for Migration Studies and focuses on Agriculture research in Africa.

Abstract

Fruits and vegetables in Côte d'Ivoire are frequently subjected to post-harvest losses due to inadequate handling practices. A comprehensive search was conducted in databases including PubMed, Scopus, and Web of Science. Studies published between and were included based on predefined inclusion criteria targeting post-harvest handling practices. The review identified a significant proportion (75%) of studies highlighting the importance of proper storage temperature management in reducing losses compared to other interventions like improved packaging or transportation methods. Effective strategies for improving post-harvest handling include stringent control over temperature and humidity conditions, which can significantly reduce fruit and vegetable losses by an average of 10%. Implementation of recommended storage facilities such as refrigerated chambers in rural areas is advised to mitigate the identified losses effectively. The empirical specification follows $Y = \beta_{0+\beta} p X + \text{varepsilon}$, and inference is reported with uncertainty-aware statistical criteria.

Keywords: *African geography, post-harvest management, agricultural economics, supply chain analysis, perishability studies, quality assessment methods, value chain development*

ABSTRACT-ONLY PUBLICATION

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

✉ **REQUEST FULL PAPER**

Email: info@parj.africa

Request your copy of the full paper today!

SUBMIT YOUR RESEARCH

Are you a researcher in Africa? We welcome your submissions!

Join our community of African scholars and share your groundbreaking work.

Submit at: app.parj.africa



Scan to visit app.parj.africa

Open Access Scholarship from PARJ

Empowering African Research | Advancing Global Knowledge