



# Integrated Pest Management in Central Rwanda's Coffee Plantations: Stability and Economic Returns Evaluation

Kabuye Ndayezera<sup>1,2</sup>, Bahigira Bizumuremyi<sup>1</sup>

<sup>1</sup> African Leadership University (ALU), Kigali

<sup>2</sup> Rwanda Environment Management Authority (REMA)

**Published:** 18 November 2009 | **Received:** 01 October 2009 | **Accepted:** 31 October 2009

**Correspondence:** [kndayezera@hotmail.com](mailto:kndayezera@hotmail.com)

**DOI:** [10.5281/zenodo.18883760](https://doi.org/10.5281/zenodo.18883760)

## Author notes

*Kabuye Ndayezera is affiliated with African Leadership University (ALU), Kigali and focuses on African Studies research in Africa.*

*Bahigira Bizumuremyi is affiliated with African Leadership University (ALU), Kigali and focuses on African Studies research in Africa.*

## Abstract

Integrated Pest Management (IPM) has been increasingly recognised as a sustainable approach to managing coffee pests in Central Rwanda's diverse and challenging agro-ecological settings. Field surveys were conducted across multiple coffee plantations using standardised protocols to assess pest populations and treatment efficacy under varying climatic conditions. The IPM programme demonstrated significant benefits in terms of both environmental sustainability and financial performance, indicating its potential as a viable strategy for enhancing coffee production in Central Rwanda and beyond. Farmers should be encouraged to adopt the IPM approach through targeted training and support programmes, coupled with policy incentives that promote sustainable agricultural practices.

**Keywords:** *Rwanda, Agroecology, IPM, Sustainability, PestControl, Evaluation, IntegratedManagement*

## 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](mailto: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](http://app.parj.africa)



Scan to visit [app.parj.africa](http://app.parj.africa)

**Open Access Scholarship from PARJ**

Empowering African Research | Advancing Global Knowledge