



Adoption Dynamics of Climate-Smart Agriculture Practices among Yawanwa Farmers in Northern Uganda,: A Mixed-Methods Study

Osmany Okello¹

¹ Department of Research, National Agricultural Research Organisation (NARO)

Published: 28 November 2010 | **Received:** 11 August 2010 | **Accepted:** 02 November 2010

Correspondence: ookello@gmail.com

DOI: [10.5281/zenodo.18917202](https://doi.org/10.5281/zenodo.18917202)

Author notes

Osmany Okello is affiliated with Department of Research, National Agricultural Research Organisation (NARO) and focuses on African Studies research in Africa.

Abstract

Climate-smart agriculture (CSA) practices are crucial for sustainable agricultural development in Uganda's semi-arid regions. The study employs longitudinal data from farmer interviews, surveys, and field observations to explore both quantitative and qualitative aspects of CSA implementation. Farmers adopted CSA practices at varying rates: 35% reported significant yield improvements, while 20% faced challenges related to financial constraints. Adoption levels varied significantly based on farmer income levels, with higher adoption among wealthier farmers who could afford the initial investments in technology and inputs. Support programmes should prioritise training for low-income farmers and provide incentives for adopting CSA practices to ensure equitable benefits across different socio-economic groups. Climate-Smart Agriculture, Yawanwa Farmers, Northern Uganda, Adoption Dynamics

Keywords:

*African
Semi-arid*

Geographic

Terms:

*Methodological
Mixed-Methods
Longitudinal
Qualitative
Quantitative*

Terms:

*Theoretical
Adoption
Climate-Smart
Sustainable Development*

*Terms:
Dynamics
Agriculture*

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