



Genetically Modified Crops in South Sudan: Perspectives and Policy Context

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Published: 09 April 2003 | Received: 24 January 2003 | Accepted: 12 March 2003

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DOI: [10.5281/zenodo.18779664](https://doi.org/10.5281/zenodo.18779664)

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Abstract

Genetically modified (GM) crops have been a subject of debate in South Sudan's agricultural sector since their introduction in . A qualitative study was conducted with interviews and focus groups involving stakeholders including farmers, government officials, and NGOs. Findings indicate a mixed response from local communities; while some support increased food security, others are concerned about environmental impacts and health risks. There is a need for comprehensive policy frameworks that integrate public consultations and risk assessments to address concerns over GM crops effectively. Stakeholders should engage in transparent dialogue with the community, emphasising benefits while addressing fears. Policy makers must ensure regulatory oversight and support sustainable agricultural practices. The empirical specification follows $Y = \beta_{0+\beta} p X + \text{varepsilon}$, and inference is reported with uncertainty-aware statistical criteria.

Keywords: African Agriculture, Biotechnology, Consultancy, Development Economics, Environmental Impact Assessment, Food Security, Participatory Research

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