



Genetically Modified Crops in Africa: Perspectives and Policy Context in Congo

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Abstract

Genetically modified (GM) crops have been a subject of intense debate in agricultural policy discussions across Africa. The Republic of Congo, like many other African nations, faces challenges and opportunities associated with GM crop adoption. The study employs a comparative analysis approach, examining existing literature, official documents, and interviews with key informants from various sectors to understand perceptions and policy contexts related to GM crops in the Congo. A notable finding is that there is significant public skepticism regarding the environmental impact of GM crops, particularly among small-scale farmers who are wary of potential long-term ecological consequences. The findings suggest a need for more transparent communication strategies and robust risk assessments to facilitate informed decision-making about GM crop adoption in Congo. Policy recommendations include strengthening public education programmes on the benefits and risks of GM crops, alongside facilitating dialogue between diverse stakeholders to develop inclusive agricultural policies. The empirical specification follows $Y = \beta_{0+\beta}^{-} p X + varepsilon$, and inference is reported with uncertainty-aware statistical criteria.

Keywords: *African geography, biotechnology, genetically modified organisms (GMOs), policy analysis, stakeholder engagement, sustainable agriculture, transgenic technology*

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