



# Sustainability and Yield Enhancement Techniques Among Sierra Leonean Women Farmers in South Africa: An Agronomic Policy Analysis

Nkosana Simelane<sup>1,2</sup>, Nomzamo Mthethwa<sup>3,4</sup>

<sup>1</sup> Department of Interdisciplinary Studies, University of Cape Town

<sup>2</sup> Department of Research, Vaal University of Technology (VUT)

<sup>3</sup> Vaal University of Technology (VUT)

<sup>4</sup> University of Cape Town

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**Correspondence:** [nsimelane@outlook.com](mailto:nsimelane@outlook.com)

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## Author notes

*Nkosana Simelane is affiliated with Department of Interdisciplinary Studies, University of Cape Town and focuses on Business research in Africa.*

*Nomzamo Mthethwa is affiliated with Vaal University of Technology (VUT) and focuses on Business research in Africa.*

## Abstract

Sierra Leonean women farmers in South Africa face challenges in adopting sustainable agriculture and yield improvement techniques due to limited access to resources and knowledge. A mixed-methods approach combining qualitative interviews with quantitative data analysis was employed to explore barriers and facilitators to adopting these techniques. Women reported significant interest in learning about new sustainable farming methods but encountered challenges such as lack of financial resources, inadequate extension services, and cultural taboos around modern agricultural practices. A notable theme emerged regarding the preference for organic fertilizers over chemical ones due to health concerns and environmental sustainability considerations. Policies are needed that address these barriers through increased funding for training programmes, provision of affordable inputs, and community engagement efforts. Develop targeted extension services tailored specifically to women farmers, incorporate traditional knowledge into agricultural education, and promote policies that support organic farming initiatives.

**Keywords:** *African Agriculture, Gender Studies, Policy Analysis, Sustainable Development, Yield Management, Participatory Research, Institutional Change*

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