



Precision Agriculture in Zimbabwean Highlands: Adapting Rainfed Maize Yields through Technological Innovations

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Abstract

Precision agriculture in Zimbabwean Highlands aims to enhance rainfed maize yields through technological innovations. A qualitative study involving interviews with farmers, extension workers, and agricultural researchers. The adoption of precision farming technologies is significantly contributing to yield enhancement in Zimbabwean highlands rainfed maize production. Further research should focus on scaling up these technologies and exploring their economic viability for wider adoption.

Keywords: *Zimbabwean Highlands, Geographical Information Systems (GIS), Remote Sensing, Precision Farming, Adaptive Management, Agroecology, Participatory Extension Programmes*

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