



# Digital Platforms in Agriculture: An Adoption Analysis of Northern Ugandan Villages

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## Abstract

Digital agriculture platforms have gained traction in various regions, including Uganda's northern villages, where they are being used to improve agricultural productivity and market access. The research employs a mixed-methods approach combining quantitative surveys with qualitative interviews to gather data from selected communities, focusing on farmer attitudes and practices. A preliminary analysis indicates that approximately 40% of surveyed farmers have adopted digital platforms, primarily for enhancing crop management and livestock care. The findings suggest that while there is potential in increasing adoption rates through targeted interventions, the current economic benefits are not uniformly distributed among all farmer groups. To maximise the impact of digital agriculture initiatives, it is recommended to focus on improving internet connectivity and training programmes tailored to local needs. Digital Agriculture Platforms, Farmer Adoption, Economic Outcomes, Northern Uganda

**Keywords:** *African Geography, Digital Divide, Farmer Cooperatives, Participatory Research, Value Chains, Adoption Rates, Economic Impact Analysis*

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