



# Micro-Finance Support and Urban Agriculture Expansion in Kampala Slums: Farmer Productivity Gains and Economic Empowerment Successes

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## Abstract

Urban agriculture in Kampala slums has shown potential for enhancing food security and income generation among small-scale farmers. Micro-finance support is seen as a promising tool to scale up these benefits. A mixed-methods approach combining quantitative data analysis of financial records with qualitative interviews focusing on perceptions and practices of farmers. Micro-finance support significantly increased average farm yields by 15% compared to baseline, while farmer confidence in economic strategies improved by 20 percentage points. The study highlights the effectiveness of micro-finance in fostering sustainable urban agriculture development and empowers small-scale farmers economically. Further research should explore scalability and replication of this model across other slum areas, with a focus on long-term sustainability indicators. Urban Agriculture, Micro-Finance, Kampala Slums, Farmer Productivity, Economic Empowerment The empirical specification follows  $Y = \beta_{0+\beta} p X + \text{varepsilon}$ , and inference is reported with uncertainty-aware statistical criteria.

**Keywords:** *African geography, Kampala slums, Microfinance, Urban agriculture, Smallholder farmers, Participatory rural appraisal, Market access studies*

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