



Assessment of Food Security Programmes' Success in Yambio District, Sudan: Agricultural Productivity Data Collection Analysis

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Abstract

Food security remains a critical challenge in Yambio District, Sudan, where agricultural productivity is affected by various environmental and socio-economic factors. The study employed qualitative research methods including semi-structured interviews with farmers and focus group discussions. Data were collected from a sample of 50 households across Yambio District, focusing on agricultural practices and programme participation. A significant proportion (60%) of respondents reported improved yields after participating in the food security programmes, particularly in the areas of crop diversification and soil management techniques. The findings suggest that targeted interventions can significantly boost agricultural productivity among farmers, contributing to broader food security goals. Future research should explore the long-term sustainability of these programmes and consider incorporating more participatory approaches to ensure farmer engagement. Agricultural Productivity, Food Security Programmes, Yambio District, Sudan

Keywords: *African geography, rural development, qualitative analysis, agricultural economics, community engagement, indigenous knowledge systems, case study*

ABSTRACT-ONLY PUBLICATION

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