



Farmer Field Schools and Crop Yield Gains in Sustainable Agriculture Practices Among Smallholder Farmers in Coastal Mozambique: A Policy Analysis

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Abstract

Farmer Field Schools (FFS) are community-based training programmes that aim to enhance agricultural productivity among smallholder farmers. In coastal Mozambique, FFS have been implemented as part of sustainable agriculture initiatives. The study employs a mixed-methods approach, combining qualitative interviews with quantitative data from FFS participants to assess changes in farming techniques and yields. Data analysis revealed an average increase of 15% in crop yield among participating farmers who received training through Farmer Field Schools compared to those not involved. The findings suggest that Farmer Field Schools significantly contribute to improved agricultural productivity, providing a concrete example for policy makers aiming to enhance food security in Mozambique and similar contexts. Policy recommendations include expanding FFS programmes to cover more regions and increasing investment in training resources to ensure sustainable outcomes.

Keywords: *African Geography, Smallholder Farmers, Sustainable Agriculture, Farmer Field Schools, Participatory Approach, Yield Analysis, Technological Adoption*

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