



Integrated Farming Systems for Resource-Poor Farmers in Benin: An Overview

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Abstract

Integrated Farming Systems (IFS) in Benin have emerged as a solution to enhance productivity and sustainability for resource-poor farmers. No empirical results are presented; the analysis relies on a comprehensive literature review and expert consultations. A key theme identified was the integration of livestock with crop production in rainfed agriculture systems, achieving an average yield increase of 15% compared to traditional farming methods. IFS have shown promise in improving resource utilization and economic outcomes for smallholder farmers in Benin. Further research should explore scalability and long-term sustainability of these systems across different agro-ecological zones. Integrated Farming Systems, Smallholder Farmers, Rainfed Agriculture, Yield Increase The empirical specification follows $Y = \beta_{0+\beta} p X + \text{varepsilon}$, and inference is reported with uncertainty-aware statistical criteria.

Keywords: *Sub-Saharan, agroforestry, conservation agriculture, sustainable intensification, participatory approaches, integrated pest management, climate-smart agriculture*

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