



Integrated Farming Systems for Resource-Poor Farmers in Benin: A Systematic Review of Literature from 2002 to 2002

Adrien Hougou¹, Gabriel Agbaïkwu²

¹ Department of Soil Science, University of Abomey-Calavi

² Department of Agricultural Economics, University of Abomey-Calavi

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Correspondence: ahougou@outlook.com

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Author notes

Adrien Hougou is affiliated with Department of Soil Science, University of Abomey-Calavi and focuses on Agriculture research in Africa.

Gabriel Agbaïkwu is affiliated with Department of Agricultural Economics, University of Abomey-Calavi and focuses on Agriculture research in Africa.

Abstract

Integrated farming systems have been proposed as a solution to enhance agricultural productivity in resource-poor farmers in Benin. A comprehensive search was conducted using databases such as PubMed and Web of Science. Studies published between and the present were included if they met specific criteria related to the intervention's design, implementation, outcomes, and context. The review identified a significant proportion (85%) of studies reporting positive impacts on crop yields and farmer income, with some variability in system adoption rates across different regions of Benin. Integrated farming systems show promise for improving agricultural productivity among resource-poor farmers in Benin, although challenges related to implementation and sustainability remain. Further research is recommended to explore the long-term impacts and most effective configurations of integrated farming systems tailored to local contexts. The empirical specification follows $Y = \beta_{0+\beta}^{\rightarrow} p X + \text{varepsilon}$, and inference is reported with uncertainty-aware statistical criteria.

Keywords: *African geography, resource-poor agriculture, agroecology, sustainable intensification, participatory approaches, systems theory, case studies*

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