

Guiding Investment In Sustainable Agricultural Intensification in Malawi

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Overview

- Project runs from 2013-2016
- Funding from Bill and Melinda Gates foundation
- Malawi, Mali, Nigeria, Kenya, Tanzania, Zambia, Mozambique
- Michigan State University lead US institution
- In Malawi, LUANAR and Purdue are leading activities



Objectives

Help guide investment and policies that promote smallholder intensification.

Demand Issues – Francis Darko (Purdue)

1. How can we make fertilizer and seed more profitable for farmers?
2. Whom should we target with FISP in order to get the most maize production from a kg of fertilizer?

Supply Issues - Stevier Kaiyatsa (LUANAR/Bunda)

1. How can we improve farms access to inputs?
2. How can we strengthen private retailers through the FISP?

Sustainability Issues - Joseph Kanyamuka (LUANAR/Bunda)

1. Can FISP and fertilizer use in general become more sustainable (lower cost) through complimentary management practices?

Objectives

Outreach

1. Disseminate information to stakeholders about findings of FISP research.
2. Provide recommendations on where inputs are profitable.
3. Provide recommendations on how to better target FISP beneficiaries.
4. Recommendations on complimentary management practices to make fertilizer use more sustainable.
5. Recommendations on private sector impacts of FISP and how to improve smallholder access to inputs.

Activities – Data Collection

- Collect data on retail input suppliers & farmer access to retail input suppliers – 2014
- Collect data on household fertilizer use and complimentary management practices, so as to understand how to make fertilizer use more efficient - 2014
- Use existing IHS3 NSO data in collaboration with the World Bank.

Activities - Capacity Building

I. Train three graduate students

1. Stevier Kaiyatsa (M.S. LUANAR/Bunda)
2. Joseph Kanyamuka (M.S. LUANAR/Bunda)
3. Francis Darko (PhD. Purdue)

II. Hold training for Government staff (Planning, MoAFS, etc.)

1. STATA training on how to analyze impacts of FISP program on smallholders.
 - Using NSO IHS3 data

Outcomes

1. Policy briefs and investment information that is useful for decision makers.
2. Workshops to disseminate and discuss research findings with broader stakeholders.
3. M.S. theses & PhD dissertation.

Challenge (Opportunity)

How can we make this research relevant for you?

- Our goal is to provide evidence on smallholder intensification and FISP impacts that is useful for stakeholders.
- We seek your involvement from the beginning.
- Your comments and suggestions on this work are greatly appreciated!

