Stepwise Approach

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Summary

Stepwise breaks down the recommended best practices that many farmers cannot afford to implement into smaller, more affordable packages that can be implemented in phases.

Technical Description

The Stepwise Climate Smart Investment Pathway (Stepwise) is an approach developed by the IITA research team in collaboration with partners. Stepwise breaks down the recommended best practices that many farmers cannot afford to implement into smaller, more affordable packages that can be implemented in phases. Stepwise considers specific agro-ecological variables and farmer needs and aspirations to guide incremental investment by the farmer in specific sets of, and timing of practices. This incremental investment is expected to subsequently increase coffee yields in a stepwise manner.

Uses

Informs smallholder farmers on the most efficient incremental investments needed to increase coffee yields and promote improved farmer livelihoods. Increases awareness and knowledge of climate smart agricultural practices thus contributing to increased smallholder farmer resilience. Informs public and private sector on more effective targeting of extension support to smallholder coffee farmers

Composition

IITA Uganda and partners under the CGIAR Research Program on Climate Change, Agriculture and Food Security (CCAFS) (https://ccafs.cgiar.org/) is promoting increased smallholder coffee farmer adoption of Climate Smart Agriculture (CSA) practices in Uganda.

Means of application

Stepwise breaks down the recommended best practices that many farmers cannot afford to implement into smaller, more affordable packages that can be implemented in phases.

Agroecologies	All Agroecologies.
Regions	Africa.
Developed in Countries	Ghana, Uganda.
Available in	Ghana, Uganda.
Solution Forms	Digital Application, Management.
Solution Applications	Improved variety, Soil fertility management, Disease control, Weed control, Insect control.
Agricultural Commodities	Other tree crop.
Target Beneficiaries	Small-scale farmers, Other beneficiaries, Commercial farmers.

Commercialization

Commercialization Category

Management technology with limited commercial potential

Startup Requirements

Knowledge of the approach

Production Costs

Not available

Customer Segmentation

Small holder coffee farmers

Potential Profitability

Not available

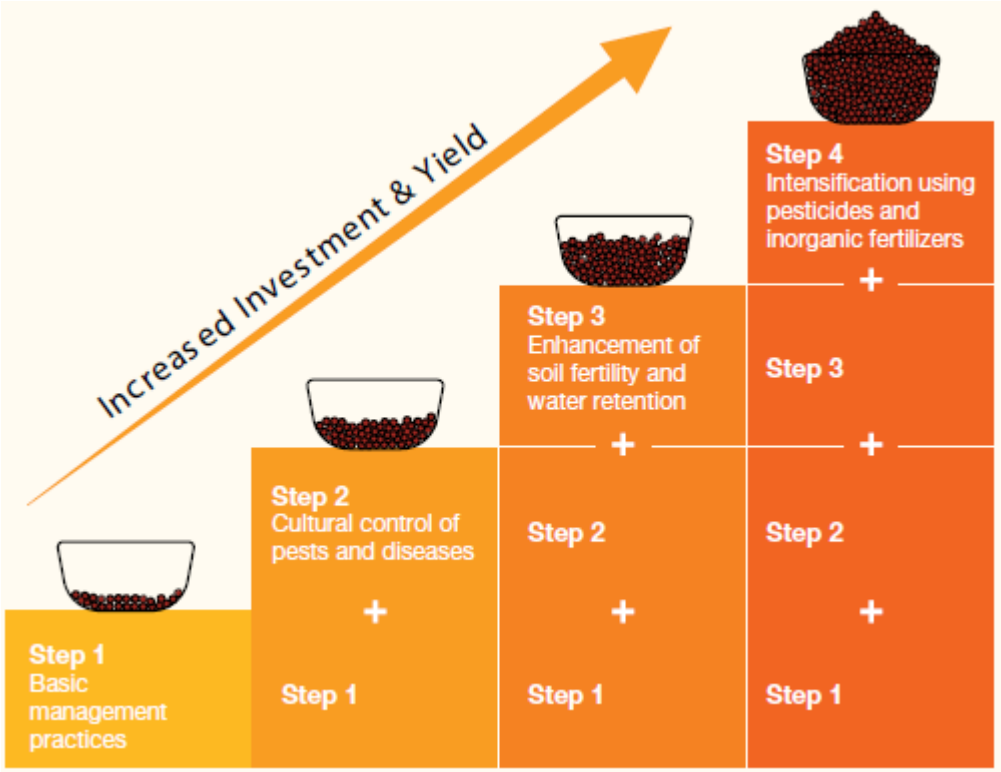
Licensing Requirements

None

Innovation as Public Good

public good

Solution Images





Stepwise



Institutions

Accompanying Solutions

Stepwise Approach is accompanied by Stepwise Smartphone Application available on Google Play Store with App name "Stepwise"