

Good Agronomic Practices for Soybean Production: A Package for Enhanced Yields across the Value Chain



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Practical knowledge for profitable soybean farming!

This Good Agricultural Practices (GAPs) for soybean production aimed at improving smallholder productivity, resilience, and sustainability. It includes climate-smart practices such as soil fertility management, crop rotation, efficient resource use, and improved post-harvest handling.

This technology is **pre-validated**. 8·7 Scaling readiness: idea maturity 8/9; level of use 7/9

Inclusion assessment 9 9 9 Climate impact 3

Problem

- **Limited farmer capacity to adopt climate-smart agricultural practices**, particularly in soybean production systems.
- **Low dissemination of research-based technologies** developed through research-for-development programs.
- **Declining soil fertility and unsustainable farming practices** in areas with intensive cereal cultivation.
- **Limited implementation of Good Agricultural Practices (GAPs)** that ensure food safety and environmentally sustainable production.

Solution

- **Build farmer capacity in climate-smart practices** through structured training on resilient soybean varieties, inoculants, and GAPs.
- **Facilitate adoption of research-based technologies** by providing hands-on demonstrations and practical modules.
- **Promote sustainable agriculture** via crop rotation, residue retention, and integration of legumes into cereal-based systems.

Key points to design your program

This training approach strengthens soybean farming systems while contributing to SDG 2 (food security), SDG 1 (income generation), and SDG 13 (sustainable agriculture) through improved practices and soil management.

To successfully integrate it into a program:

- Identify target groups and delivery partners
- Establish partnerships with research and implementing institutions
- Secure funding for training, inputs, and scaling
- Implement awareness and community engagement activities
- Facilitate access to inputs and advisory services
- Set up monitoring, learning, and scaling mechanisms

Commodities
Soybean

Sustainable Development Goals

Categories

Production, Postharvest, Pre-production, Practices, Yield improvement, Production system

Best used with

Hermetic Bags for Safe Storage of grain, Inoculant for Soybeans
[See all 2 technologies online](#)

Tested/adopted in

Where it can be used

This technology can be used in the colored agro-ecological zones.

Target groups

Development institutions, Farmers, Governments

No formal IP rights