GAP for Soybean Production: A Package for Enhanced Yields across the Value Chain



Practical knowledge for profitable soybean farming!

The Good Agricultural Practices (GAPs) for soybean production improve productivity, ensure food safety, and promote sustainable farming systems. It covers improved varieties, soil fertility management through nitrogen fixation, crop rotation, efficient input use, and proper post-harvest handling.

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This technology is pre-validated.

8·7 Scaling readiness: idea maturity 8/9; level of use7/9

Project adoption 1

Technology integrated in the ZEFPF project.

Inclusion assessment 9 9 9

Climate impact 3

Problem

- **Low agricultural productivity** due to limited farmer knowledge of improved soybean varieties and recommended agronomic practices.
- **Declining soil fertility** in many farming systems, particularly where cereals such as maize, millet, and sorghum are grown continuously.
- **Weak dissemination of proven agricultural technologies**, including improved varieties, inoculants, and good agricultural practices.

Solution

- **Enhance farmer knowledge** through structured training on improved soybean varieties and recommended agronomic practices.
- **Promote soil fertility improvement** via crop rotation, residue retention, and use of inoculants like **NoduMax** for biological nitrogen fixation.
- **Improve food safety and market readiness** through adoption of **Good Agricultural Practices (GAPs)** during production and post-harvest handling.

Key points to design your project

This training approach is a practical, field-based method to equip soybean farmers with improved production and post-harvest practices to increase productivity and quality.

To successfully integrate it into a project:

- Define target farmers and required advisory agents
- Partner with technical institutions (e.g., IITA)
- Allocate budget for training and demonstrations
- Conduct farmer awareness and mobilization
- Ensure access to key inputs (seeds, inoculants, fertilizers)
- Provide follow-up through extension support

IP

No formal IP rights

Commodities

Soybean

Sustainable Development Goals

1 NO POVERTY · 2 ZERO HUNGER · 13 CLIMATE ACTION

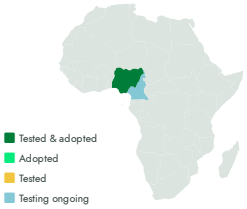
Categories

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

Best used with

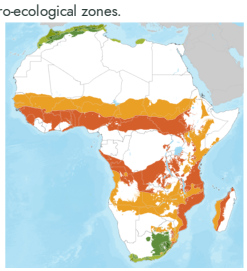
Hermetic Bags for Safe Storage of grain, Inoculant for Soybeans
See all 2 technologies online

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