

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



International Institute of Tropical Agriculture (IITA)
David Kalowole, OJO

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.

This technology is **pre-validated**.

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

Inclusion assessment **9** **9** **9**

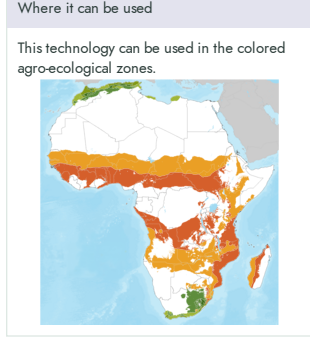
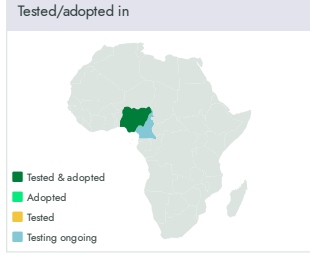
Climate impact **3**

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



Target groups
Development institutions, Farmers, Governments

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



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Last updated on 21 April 2026, printed on 21 April 2026

Enquiries e-catalogs@taat.africa