



SATHI

SEED AUTHENTICATION, TRACEABILITY
& HOLISTIC INVENTORY

A Joint Initiative of
MINISTRY OF AGRICULTURE & FARMERS' WELFARE
and
NATIONAL INFORMATICS CENTRE
GOVERNMENT OF INDIA





SATHI - SEED AUTHENTICATION, TRACEABILITY & HOLISTIC INVENTORY

To achieve the 17 SDGs of the UN in which food security is one of the major component, the availability of quality seed at the right place & at the right time is very critical. A suitable balance between under and over production of seed in India needs an integrated, predictive and real-time tool to support data driven governance. Here **SATHI** comes to fill the gap.

Features

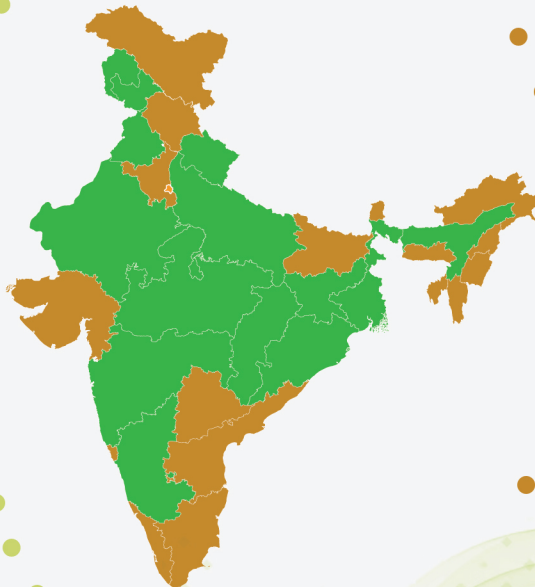
- Multi-Tenancy
- Highly Configurable
- Scalable
- Based on Open Source tech
- Micro Service Architecture
- Device agnostic Progressive Web App
- Bharat Map Integrated Spatial Data
- Land Record & Farmer Database Integrated

On Board States

- Jammu
- Kashmir
- Punjab
- Rajasthan
- Uttar Pradesh
- Uttarakhand
- Maharashtra
- Karnataka
- Chattisgarh
- Odisha
- Assam
- Himachal Pradesh
- Jharkhand
- Madhya Pradesh
- West Bengal

Coming Soon

- Delhi
- Haryana
- Bihar
- Sikkim
- Puducherry
- Kerala
- Tamilnadu
- Telengana
- Andhra Pradesh



* Status as on November 2023

Integrated Six Verticals of Seed Chain

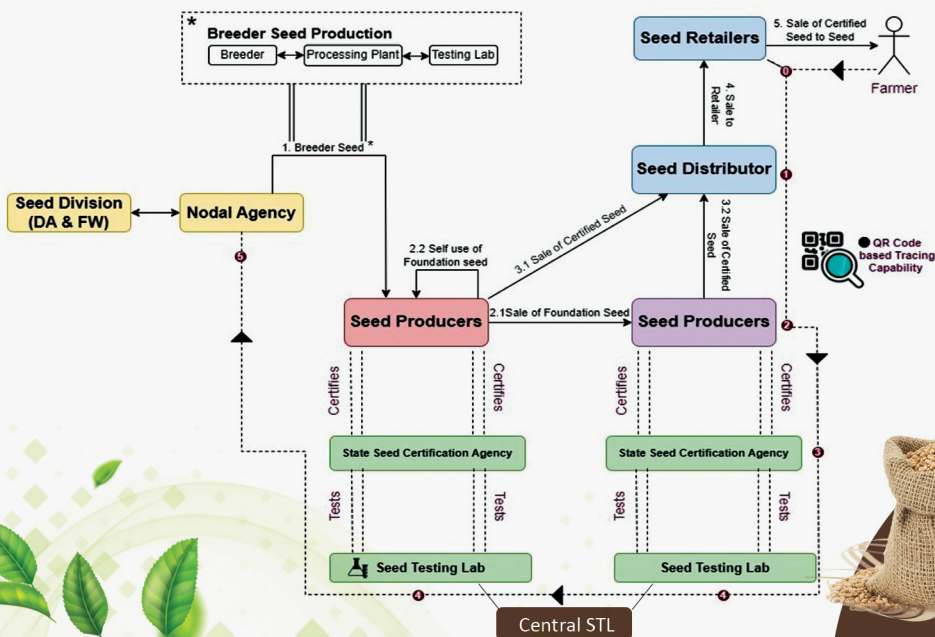


Certified Seed can be only sold in market by seed dealer having valid licenses

STAKEHOLDERS INVOLVED

- Govt. or Private Seed Producers
- Seed Processing Plants
- State Seed Certification Agencies
- State Seed Testing Labs
- Central Seed Testing Lab
- Grow-out Test Centre
- ICAR Institutes
- Breeder Seed Production Centre
- Seed Growers
- State Governments
- Seed Dealers & Retailers

Formation National Seed Grid



Vision



Traceability



Predictability



Interoperability



Formation National Seed Grid



SCAN NOW

Reusable & Agile Building Blocks of SATHI

SATHI is very agile, highly configurable, extensible for state specific requirement yet adhering to the core rules, law and regulation

Pre-Registration Tag Verification

Online generation of Breeder Seed Certificate

Online Producer and Plant registration process

Grower Registration [In three different modes]

SPA/SPP Registration / Renewal

Document Verification

Land record Integration

Field Level Source Tag Verification App

Re-Inspection Apply

Inspection Offline App

Joint Inspection / Supervisory Inspection App

Transport Certificate Apply module

Transport Certificate Issue App

Raw Seed Intake

Physical Stock Verification

Grow-out Test Module

Central Coding Centre for Testing

Requisition for sampling & Sample Slip Generation

Forwarding to Testing lab

Testing Lab Module

Auto Pass/Fail based on IMSCS

Re-Grading, Re-Sampling, Re-Testing

Digital Threshing Slip & Tag Register & Distribution

Online Bill generation and Accounts management

Advanced Tagging Module

Wallet Service /Single Click Payment Gateway Integration

Downgrading and Other permission module

Bharat Map Integrated GIS



For Technical Consultancy
0674-2500980



For operational issue call numbers mentioned on
<https://seedtrace.gov.in/ms014/contactUs>



<https://seedtrace.gov.in/>



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