



## LIT: Global Leader in Anti-Counterfeiting & Traceability Solutions

*Fighting illicit trade, securing official documents, and protecting trusted brands*

### LIT AgriSafe Track and Trace Solution

#### Overview

The agricultural sector faces growing threats from **counterfeit fertilizers, adulterated pesticides, and fake high-value seeds**, leading to reduced yields, farmer losses, and public health risks. The **LIT AgriSafe Track and Trace Solution** delivers end-to-end protection for critical agricultural inputs through advanced **authentication, serialization, and traceability**.



#### Key Features

##### Secure Authentication Layer

Each package or unit is protected with **latent image markers** and covert elements that are impossible to duplicate, yet simple to verify.

##### Serialized Product Identification

Every item is assigned a unique ID or batch code, enabling source verification and life-cycle tracking.

##### Tamper-Evident Labeling

Packaging shows immediate signs of tampering to deter substitution and unauthorized repackaging.

##### Mobile-Ready Verification Tools

Farmers, inspectors, and distributors can instantly verify product authenticity using low-cost optical tools or smartphones.

##### Optional Digital Traceability Platform

Track input origin, distribution routes, and usage supporting regulatory audits and market transparency.

#### Use Cases

- Certified hybrid or GMO seed distribution
- Government-subsidized agrochemical programs
- International agro-export compliance
- Field-level anti-counterfeit inspection
- Retail product authentication for farmers



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### Benefits


- Prevents counterfeit agricultural inputs
- Protects farmer investments and brand reputation
- Enhances compliance with agriculture and pesticide regulations
- Supports ESG and food security initiatives
- Easily scalable across regions and seasons

### Deployment and Support

LIT provides a **complete solution package**, including:

- Secure label or ink production
- Field-ready verification tools
- Training for agriculture authorities and cooperatives
- Optional integration with digital or mobile reporting platforms

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