

# Seed Inventory Management System Full Package

## SIMS version 1.0.1

Seed Inventory Management System Full package (SIMS Version 1.0.1), is most suitable for a medium or large scale sized seed business company that requires constant monitoring of seed stock from the delivery stage through to the sales stage. This package will keep a strict balance of all seed stocks and has point-of-sale capability to monitor sales and customers.

### **Features include: -**

#### **Seed Management**

System begins with the setting up the parameters of the seed system under the Seed Management menu. This includes Capturing the crop, the grower, the packaging, seed processing, the seed bag, seed grade and seed class, variety and year of production. Once these are set up, seed that is identified by a seed lot number may be delivered into the warehouse from contract production or other suppliers.

#### **Seed Processing**

Once in the warehouse, the seed is processed and packaged into saleable products. At each stage of processing, stocks are reconciled from physical data received from the warehouse. Every seed bag of a seed lot is trackable with the production of labels and stock tables. This module includes:-

- Lot number generation for each seed which automatically changes as the seed goes through the processing stage until the seed is sold.
- Capturing of Seed Delivered
- Capturing data on each stage of processing
- Capturing of donated seed
- Production of a seed balance sheet showing the movement of stock from the delivery to sales

#### **Seed Certification**

The software is also capable of tracking seed certification and quality records, such as seed purity, germination and moisture.

#### **Seed Production Tracking and Tracing**

The Seed Tracking and Tracing System enables Production Managers to track a product from Breeders' Seed to Certified Seed and to trace backwards from Certified Seed to Breeders' Seed, particularly aimed at identity preservation and quality assurance.

#### **Reports**

The software can produce numerous reports to assist in management decisions. Including:-

- Print Out reports on captured crop, the grower, the packaging, seed processing, the seed bag, seed grade and seed class, variety and year of production.
- Print out reports on the processing and packaging of seed delivered
- Print out sales reports including (products available, Order notes, Invoices and Receipts)
- Print out Transactions breakdowns Month to Month, Year on year
- Summaries on stock and Stock Matrix

#### **Seed Sales**

Manages customers and products and also has a point of sale. Each sale of seed out of the warehouse is captured, either as a credit or cash sale, stocks adjusted, and invoices, warehouse orders and receipts printed accordingly. When seed is sold on credit, stock returns may be accepted with issue of Credit Note and stock adjustment.

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### Seed Tracking and Tracing

The Seed Tracking and Tracing System enables Production Managers to track a product from Breeders' Seed to Certified Seed and to trace backwards from Certified Seed to Breeders' Seed, particularly aimed at identity preservation and quality assurance. This facilitates solving problems faced by product non-conformance in customer experience or at some point in process. Tracking and tracing are an important aspect of Quality Assurance, especially for variety identity in filed inspections. Genetic analysis will assist in genetic purity assurance. The key attributes of this system are labelling and reporting of source and output seed productions. Features Include:-

- Grower Identification, Source and product identification, Source Seed Lot (which also corresponds to Class, Crop, Variety, Year & Origin), Seed Produced Lot Number automatically generated based on Code, Season of production, Seed Quantity Sown and Seed Field location , Registration of each seed crop
- Quantity of seed produced is also recorded, Print Inspection Report Forms and seed production summaries
- Generation of Seed Unit, Tracking and Tracing Reports

System Requirements	
Operating System	Windows XP, Windows 2007, Windows 8, Windows 10
Database	Microsoft Access 2000-2016
Support	Support for customization, installation and operation is available from Mukushi Seeds

### Full Package Pricing

Package	Number of Machines	Prices
SIMS Version 1.0.1 Software (Including 2 day Training)	Main Machine	\$2 500.00
	2 to 3	+\$ 250 per Machine
	Above 3	+\$200 per Machine

### Installation

Return Air Ticket and Accommodation (3 Days)

1 Day Installation

2 Days Training

Online Support (Free)

### Software Replacement

Package	Number of Machines	Prices
SIMS Version 1.0.1 Software	Main Machine	\$1 500.00
	2 to 3	+\$ 125 per Machine
	Above 3	+\$125 per Machine

Return Air Ticket and Accommodation (1 Day)



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