SLITS
Swaziland Livestock Information and Traceability System

Animal Identification and Recording Systems for traceability and livestock development in sub-Saharan Africa
Pretoria, RSA, 14-16 April 2014

Dr Sihle Mdluli
+268-76085133
mdlulisihle8@gmail.com
What is SLITS?

SLITS is an animal identification and traceability system integrated within an Animal Health Information System.
Developed through a 2-in 1 project

Livestock Identification and Traceability System

Purpose
1. Disease control & surveillance
2. Trade
3. Cross-border stock theft
Legislation

- Animal Diseases Act 7/1965
- Livestock Identification Act 13/2001
- Draft Animal Disease (Animal Identification and Traceability) Regulations 2012
Animal Health System

• Based on the diptank system
• Livestock owners are required by law to be registered at a diptank area
• Cattle, shoats are dipped every 7/14 days in summer and 14/28 days in winter
• Cattle, shoats require a movement permit to move from one diptank area to another
IDENTIFICATION AND REGISTRATION

MOVEMENT CONTROLS AND TRACEABILITY

MANUAL AND COMPUTERIZED RECORD KEEPING
Identification

1. **Mandatory National Identification**
   - Branding (left side)
   - Eartagging

2. **Voluntary Owners Identification**
   - Branding (right side)
Branding

**Shield**
Country mark

**CI**
Brand for imported animals

**Diptank number**
Herd mark
Eartagging

LOCAL CATTLE

IMPORTED CATTLE

Secondary

Primary

12349

12349

12

12
Cattle Registration

- Owners:
  - Name
  - PIN

- Mother:
  - Animal Id

- Diptank:
  - Animal Id
  - Name and #
  - Kraal # and type
  - Address of Kraal

- Owner:
  - Animal Id
  - Sex
  - Breed
  - Colour
  - Date of birth
Movement Controls

- Import Permit
- Export Permit
- Stock Removal Permit
Records

- SLITS Livestock Register
- Diptank Register
- SLITS V1.0 Computerized Database
SLITS Database

Swaziland Livestock Information and Traceability System (WEBCLIENT)

- Livestock Information & Traceability System
  - DipTank Areas
  - Kraals and Kraal Owners
  - Dipping Events and Animal Register
  - Livestock Movements
  - Livestock Imports
  - Livestock Exports
  - Slaughter
  - Distribution of Tags
  - Brands Register
Challenges

- No local technical back-up
- Network infrastructure not available in some areas
- Staff resistance to change
- Livestock owners resistance to change
Thank you for your attention