

BIOPESTICIDE REGISTRATION AND EVALUATION IN SOUTH AFRICA



Molefe Salome Margaret

Department of Health

Directorate: Food Control

KEPHIS, Nairobi-Kenya: 11 -15 August 2008

Food Control Key Stakeholders

Department of Health	Department of Agriculture	Department of Trade & Industry (SABS)
Codex Contact point	SPS Point of entry	TBT Point of entry

Food Control system

- **Department of Agriculture (DOA)**
 - **Directorate: Food Safety and Quality Assurance**
 - **Sub: Directorate:**
 - 1) Act 36 of 1947
 - 2) Agric Production Services
- **Department of Health (DOH)**
 - **Directorate: Food Control**
 - **Sub-Directorate:**
 - 1) Chemical Safety,
 - 2) Codex Contact Point
 - 3) Law enforcement

DOA-Directorate: Food Safety and Quality Assurance

Fertilizers, Farm Feeds, Agricultural Stock and Stock Remedies Act 1947 (Act 36 of 1947)

- **Registration of:**
 - Stock remedies
 - Agricultural remedies- growth regulators, fertilizers, animal feeds
 - Pesticides - fungicides, insecticides herbicides, etc

Quality Assurance: The Agricultural Product Standards Act, 1990 (Act 119 of 1990)

- Controls and promotes agric product food safety and quality assurance standards (e.g. meat, dairy products, cereals, certain canned products, fruit and vegetables – wheat, maize, groundnuts) for local as well as export purposes.
- Liquor products

Department of Agriculture



- **Registration**
 - Presubmission: to pursue registration process
 - Dossier compliance: Electronic vs hard copy
 - Data requirements
 - Fees/permits
- **Evaluation studies: Efficacy & Quality**
- **MRLs** – enforcement of Export MRLs - country specifications

DOH- Directorate: Food Control

1. Chemical safety

- Veterinary drugs/stock remedies
- Pesticides (agricultural remedies)
- Biotechnology (GMO) – safety & labelling
- Food Additives
- Food contaminants (heavy metals, mycotoxins, natural toxins)

2. Codex & Nutritional supplements

- Codex Contact Point
- Nutrition: Nutritional supplements & labelling

3. Law enforcement

- Sampling & laboratories
- Law enforcement

DOH-Directorate: Food Control

Foodstuffs, Cosmetics and Disinfectants Act 1972 (Act 54 of 1972)

- Governs the manufacture, sale and importation of foods
- Human Safety Assessment: Risk assessment & management
- Setting and Listing of maximum residual levels (MRLs) /tolerance levels
- Enforcement of MRLs/tolerance levels for domestic and imported foodstuffs

Department of Health

The emblem of the Department of Health, Nigeria, is centered in the background. It features a white eagle with outstretched wings, perched atop a shield. The shield is divided into four quadrants with different colors and symbols. Below the shield are two figures, one on each side, holding hands. The entire emblem is set against a green and white circular base with the text 'IKE E: IXARRA IKE'.

- **Toxicology Assessment**

- ADI & Acute ref dose - OECD & JMPR guideline
- Screening
- Peer review: Scientific experts
- Recommend registration to DOA
- Ecotoxicity: Dept Environmental Affairs and Tourism

- **Exposure Assessment to determine MRLs**

- Daily intakes (food basket)
- Recommend MRLs to DOA

DOA-Directorate: Genetic Resource Management

- Administer the Act on Genetically Modified Organisms, 1997 (Act 15 of 1997),
- Directorates: Plant Health & Genetic Resources Development jointly administer:
 - The Plant Breeders' Rights Act, 1976 (Act 15 of 1976),
 - The Plant Improvement Act, 1976 (Act 53 of 1976)
 - The Agricultural Pests Act, 1983 (Act 36 of 1983)
- The regulations promulgated in terms of these Acts all include or have an influence in or on certain food as defined.

Challenges



- Scientific capacity: Toxicologists
- Food basket
- Integrated Food Control Policy - DOA, DOH and South Africa Bureau of Standards (SABS)
- Integrated medical control system – veterinary drugs, pesticides and nutritional supplements

Harmonization



- SADC – SPS Food Safety and Management of Residue of animal and plant products
- EU – Residue Monitoring Programme – Law enforcement domestic market & Strengthening laboratory capacities
- CCAFRICA – Participation in Strategic plan for harmonization

Thank you for your attention

molefS@health.gov.za

