BIOPESTICIDES REGISTRATION AND EVALUATION IN SOUTH AFRICA

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Directorate: Food Control
KEPHIS, Nairobi-Kenya: 11 -15 August 2008
# Food Control Key Stakeholders

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<th>Department of Health</th>
<th>Department of Agriculture</th>
<th>Department of Trade &amp; Industry (SABS)</th>
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<td><strong>Codex Contact point</strong></td>
<td><strong>SPS Point of entry</strong></td>
<td><strong>TBT Point of entry</strong></td>
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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


– Controls and promotes agricultural 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

- **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 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

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