

IOMC



INTER-ORGANIZATION PROGRAMME FOR THE SOUND MANAGEMENT OF CHEMICALS

A cooperative agreement among FAO, ILO, UNDP, UNEP, UNIDO, UNITAR, WHO, World Bank and OECD

The IOMC Toolbox: Basel, Rotterdam and Stockholm Conventions and managing pesticides

Mark Davis

FAO

Why pesticides?

- Extremely widely used in all countries
- Toxic chemicals applied to the environment and food by largely untrained, poorly equipped people
- Almost all countries have some regulatory system in place
- Extensive guidance available to be accessed

Pesticides & the Conventions

- 29 of the 40 Chemicals listed under the Rotterdam Convention are pesticides
- 15 of the 22 Chemicals listed under the Stockholm Convention are Pesticides or pesticide production by-products
- Replacing POPs pesticides and those that Rotterdam parties chose not to permit for import needs tools
- Obsolete pesticide disposal must be in compliance with the Basel Convention

Toolbox functions: Resource assessment

IOMC Toolbox for Decision Making in Chemicals Management New navigation | Navigation history | Map | Help | English

Management objective *Resource assessment*

National Management scheme for pesticides

→

Resource assessment

Next Step

- Limited resources
- Medium resources
- High resources

National management scheme for pesticides

Resource assessment

Select one of the resource availability options according to the description below.

Limited resources: Your country has restricted means in terms of money and infrastructure/competent personnel. There is little opportunity for either developing complex infrastructure or implementing complicated legislation.

Medium resources: Your country has restricted means in terms of money and infrastructure/competent personnel but probably not both. There is, however, some opportunity for developing more complex infrastructure or implementing more complicated legislation.

High resources: Your country has reasonable means in terms of both money and infrastructure/competent personnel. There is an opportunity for developing more complex infrastructure or implementing more complicated legislation.

September 03, 2012

Elements

Management objective

National Management scheme for pesticides

Resource assessment

Resource assessment

Medium resources

Management scheme

Management scheme elements

Next Step

Key elements

- Product registration infrastructure
- Application
- Surveillance of pesticide poisoning
- Public education
- Formulation and repackaging
- Storage and transport
- Distribution
- Disposal
- Monitoring and surveillance
- Monitoring pesticide resistance

Other relevant elements

- Quality control
- Capacity building
- Information exchange
- Licensing
- Procurement

National management scheme for pesticides

Medium resources

Management scheme elements

The "Key elements" are needed to make up a cost effective management scheme with medium resources.

The "Other relevant elements" contribute to a more elaborate management scheme.

Click on the pesticide scheme element on the left that best describes the issue identified in your gap analysis that you wish to address. You will have the possibility to go to the other key elements at the end of the implementation of the chosen key element.

July 06, 2012

More information

- Explanation of how key elements of scheme could fit together

skype
Sheila W

Implementation

Disposal

Develop rules and guidance on hazardous waste disposal

Next Step

- Set up adequate storage for obsolete/waste pesticides

Medium resources

Disposal

1. **Develop rules and guidance on hazardous waste disposal**
2. Set up adequate recording systems and storage for obsolete/waste pesticides
3. Set up adequate disposal facilities for obsolete/waste pesticides

Rules and guidance can be set up to encourage pesticide suppliers to ensure their products are sold, stored, used and disposed of in ways that limit the generation of waste. They can also encourage suppliers to provide reverse supply chains to collect empty containers and unused or obsolete pesticides.

Below is a list of tools relevant for implementing this topic:

- [UNITAR : Integrated National Programme/SAIGM Implementation Framework](#)
- [FAO : Pesticide Disposal Series No. 2 - Prevention of Accumulation Of Obsolete Pesticide Stocks](#)
- [FAO : Pesticide Disposal Series 7: Guidelines for the management of small quantities of unwanted and obsolete pesticides](#)
- [FAO : Guidelines on management options for empty containers \[2008\]](#)
- [FAO : Baseline study on the problem of obsolete pesticide stocks \[2001\]](#)
- [FAO : Pesticide Disposal Series 8: Assessing soil contamination](#)
- [World Bank : POPs Toolkit Process for Managing Contaminated Sites](#)
- [Basel convention : Technical guidelines on the environmentally sound management of wastes consisting of, containing or contaminated with the pesticides aldrin, chlordane, dieldrin, endrin, heptachlor, HCB, mirex or toxaphene or with HCB as an industrial chemical](#)

July 06, 2012

Distribution

The screenshot shows a software interface with a top navigation bar. On the left, a vertical scroll bar is visible. The main content area is divided into two columns. The left column is titled 'Next Step' and contains a radio button next to the text 'Implement rules on retail storage and handling'. The right column is titled 'Medium resources' and contains a sub-section 'Distribution' with a numbered list of three items: '1. Implementation of rules on distribution of pesticides', '2. Implementation of rules on retail storage and handling', and '3. Implementation of advertising rules'. Below the list, there are three paragraphs of text. The first paragraph discusses adopting parts of GHS and safety data sheets. The second paragraph discusses limited resources and implementing only GHS acute toxicity classifications. The third paragraph lists three activities: 'Data collection', 'Data evaluation', and 'Decision making'. Below the text, there is a list of three tools: 'Globally Harmonized System of Classification and Labelling of Chemicals', 'UNITAR/ILO : GHS Programme', and 'FAO: International Code of Conduct on the Distribution and Use of Pesticides'. At the bottom left of the content area, the date 'July 06, 2012' is displayed. On the right side of the interface, there is a vertical scroll bar and a search bar with the text 'Implementation of rules on distribution of pesticides - Details'.

Management scheme

Implementation

Distribution → Implementation of rules on distribution of pesticides

Next Step

Implement rules on retail storage and handling

Medium resources

Distribution

1. **Implementation of rules on distribution of pesticides**
2. Implementation of rules on retail storage and handling
3. Implementation of advertising rules

To implement rules on distribution of pesticides in the country it is proposed to adopt parts of GHS and related safety data sheets / precautionary phrases.

As you decided your country has limited resources to implement a national management scheme for Pesticides, the option proposed is to implement only the GHS acute toxicity classifications plus the relevant labels.

Three activities are required to implement this element:

1. Data collection: Collection of Data by industry
2. Data evaluation: Comparison of Data against relevant GHS criteria
3. Decision making: Appropriate labelling, packaging and safety data sheets for product

Below is a list of tools relevant for implementing this topic:

- Globally Harmonized System of Classification and Labelling of Chemicals
- UNITAR/ILO : GHS Programme
- FAO: International Code of Conduct on the Distribution and Use of Pesticides

July 06, 2012

– Implementation of rules on distribution of pesticides - Details

Next Steps

- Testing, use and feedback
- Develop additional elements and tools
 - Pesticide registration toolkit
- Update resources
- Inform, raise awareness, training on IOMC toolkit

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Thank you for your attention

<http://iomctoolbox.oecd.org>