

Pesticide Risk Reduction Programme – Ethiopia

Evaluation of dossiers of chemical pesticides-Scientific evaluation system for environmental aspects

Achievements and introduction to this workshop

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Towards a sustainable use of pesticides in Africa

Outline of the presentation

- 1. Planned activities Scientific evaluation system for environmental aspects - 2011- 2013**
- 2. Achievements to date**
- 3. Objectives of this workshop**
- 4. Activities of this workshop**
- 5. Deliverable**

Scientific evaluation system for environmental aspects – Planned activities 2011- 2013

Activity 1:

Development of environmental hazard and risk assessment to be used for evaluation of dossiers, by

A. General workshop on environmental hazard and risk assessment and

B. Workshop to define protection goals for the environment (soil, water, air, zones, species etc)

Scientific evaluation system for environmental aspects – Planned activities 2011- 2013

Activity 1 (cont'd):

Development of environmental hazard and risk assessment to be used for evaluation of dossiers, by

C. Adopt an existing tool or create a new tool/model for environmental hazard and/or risk assessment (PRIMET ?)

D. Develop evaluation procedures leading to conclusions on acceptability (yes/no) according to developed criteria (of Activity 3)

Scientific evaluation system for environmental aspects – Planned activities 2011- 2013

Activity 2:

Development of new data requirements (if needed)
by

A. Update SEARCH based and associated guidelines

Scientific evaluation system for environmental aspects – Planned activities 2011- 2013

Activity 3:

Development nationally applicable criteria for acceptability of pesticides (e.g. environmental impact, physical-chemical characteristics)
by

- A. Define draft criteria using international criteria as basis and
- B. Discuss draft criteria with all stakeholders

Scientific evaluation system for environmental aspects – Planned activities 2011- 2013

Activity 3 (cont'd):

Development nationally applicable criteria for acceptability of pesticides (e.g. environmental impact, physical-chemical characteristics)

by

C. Define national applicable criteria
and

D. Formalize criteria as part of directive or regulation

Scientific evaluation system for environmental aspects – Planned activities 2011- 2013

Activity 4:

Development of guidance on how to assess the quality of the data submitted by

- A. Workshop on quality data submitted by registrant and
- B. Development of guidance on quality assessment

Scientific evaluation system for environmental aspects – Planned activities 2011- 2013

Activity 5:

Capacity building on human resources to get a qualified team with relevant skills to evaluate the dossier by

- A. Development of a manual (environmental aspects);
- B. Training on environmental risk assessment tool and
- C. On the job training on dossier evaluation for registration experts from stakeholder institutions

Achievements/Results

Activity 1 and sub activities A and B have been completed through a workshop: Environmental hazard and risk assessment and definition of protection goals for environment (14-18 November 2011, Deberzeit)

Activity 1: Development of environmental hazard and risk assessment to be used for evaluation of dossiers, by

A. General workshop on environmental hazard and risk assessment, combined with

B. Workshop to define protection goals for the environment (soil, water, air, zones, species etc)

Achievements/Results (cont..)

As the result of the 14-18 November workshop the following activities completed

- Training on environmental risk and hazard assessment in general (Peter van vliet –Ctgb)
- Review of registered pesticides in Ethiopia (Bekele Dinku,APHRD)
- Overview of relevant international hazard criteria was presented (Peter van vlient-Ctgb)
- Current evaluation procedure on environmental aspects for pesticide registration in Ethiopia (Alemayehu woldeamanuel)

Achievements /Results

- An overview of the environmental risk assessment in the EU and the Netherlands including the dossier requirements for the fate as well as ecotoxicological aspects was presented (Peter van vliet –Ctgb)
- Principles of scenario development ,tiered assessment, protection goals and use of models was explained (Paulien Adriaanse)
- Examples of assessments: Leaching assessment, in the EU, Leaching assessment in China, exposure assessment in surface water in EU

Achievements/Results

- Proposed approaches for Environmental Risk Assessment in Ethiopia was discussed (Paulien Adriaanse)
- Definition of scenario zones and protection goals for Ethiopia was discussed (Paulien Adriaanse and group discussion)
- Protection goals for Ethiopia was selected and prioritized
- Six conceptual models were designed for the priority protection goal of surface water

Objectives this workshop

Workshop title: specification and priority of protection goals and national registration criteria on Environmental Risk Assessment

- **Operationalize the protection goals defined in the 14-18 November 2011 workshop**
- **Prioritize the detailed protection goals for their operationalization**
- **Select national applicable environmental criteria to evaluate environmental risks for use in the registration procedure**
- **Update the existing data requirements concerning environmental aspects**
- **Draft the evaluation manual on environmental evaluation**

Activities of this workshop

- As outlined In the programme of the workshop.

Deliverables

- Selected final protection goals well specified and their priority in the risk assessment
- Agreement on risk assessment methodology that will be used in Ethiopia
- Agreement on the national applicable criteria with allstakeholders
- National applicable criteria for acceptability of of chemical pesticides on Environmental Risk assessment developed
- Agreed procedure on how APHRD will formalize the criteria in a regulation or directive
- Draft evaluation manual on environmental evaluation

Thank you!



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