

Pesticide Risk Reduction Programme – Ethiopia (PRRP)

Development of scientific evaluation system for dossier evaluation (chemical pesticides)

Goal of Work Package B.2.1

To develop a scientific evaluation system for the registration of pesticides on:

- Efficacy
- Human health and residue aspects
- Environmental aspects

Approach

Interactive workshops and on the job trainings with representatives of APHRD and agricultural research stations, relevant Ministries, Authorities and Dutch experts

Use of experimental fields and greenhouses, field visits

Use of standardized software, protocols, guidelines and manuals to enable consistent and reproducible procedures

APHRD,
Alterra, Ctgb
Other NL
consultants



Activities

- Development of data requirements, nationally applicable criteria and evaluation guidelines by discussion with all stakeholders
- Writing testing protocols and national guidelines
- Development of user-friendly, tailored software tools
- Development of an evaluation manual for use by APHRD

Results so far

- Development of efficacy testing protocols for 20 crop-pest combinations by local researchers
- Training on pesticide efficacy trial execution, reporting, statistical analysis and interpretation of results (2 workshops in 2011)
- Report on geographical distribution of agro-environmental characteristics, possible environmental protection goals and current pesticide use
- Workshop on environmental hazard and risk assessment and definition of protection goals for the environment (mid-Nov 2011)

Expected impact

- More transparent and consistent registration of pesticides concerning the aspects of Efficacy, Human health and residues and Environment
- Improved assessment of Efficacy of pesticides for Ethiopian conditions
- Improved assessment and protection of Human health and Environment by evaluation of risks in the Ethiopian registration procedure
- Registration procedure more in line with international standards
- National human capacity for scientific evaluation enhanced



Towards a sustainable use of pesticides in Africa