



PROJECT SHEET

SUBCOMMITTEE: Regulatory Capacity Building

PROJECT TITLE: **Guideline for conducting pesticide terrestrial field dissipation studies in Canada and the U.S.**

PROJECT TEAM: Canada: Charalyn Kriz, PMRA (lead)
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INITIATION: April 2000

UPDATE: November 4, 2003

GOAL: To develop a protocol for conducting terrestrial field dissipation studies on pesticides in Canada and the U.S. including guidance on the number of field trials

PROJECT DESCRIPTION:

- Step 1** Agree on the rationale for conducting studies of field dissipation and the use of the data in risk assessment and risk management decisions
- Step 2** Agree on the terrestrial field dissipation protocol
- Step 3** Agree on the number of sites to be tested to support the registration of particular uses
- Step 4** Integrate the field study protocol, number of sites and the DSS site selection software into a regulatory tool

MILESTONES:

September 2000 Select suitable candidate(s) for the assessment of utility of field dissipation trials in Canada and the U.S. to decision making

September 2000 Finalize terms of reference (work assignment) for contractor analysis of field studies

December 2000 Complete discussions between Environmental Protection Agency (EPA) risk assessors and risk managers on risk managers' view of the use of terrestrial field dissipation data in decisions

March 2001	Familiarize Pest Management Regulatory Agency (PMRA) staff with capabilities of aquatic fate models used and under development by the EPA
April 2001	Due date for contractor's report
July 2002	Convene a workshop on the use of terrestrial field dissipation data in risk assessment and risk management decisions. Extensive revisions to the contractor's report could set back the following time lines
June 2003	OPP and PMRA independently analyze and draft responses to industry's comments on the 2002 Terrestrial Field Dissipation Workshop findings paper
July 2003	OPP and PMRA, in a series of conference calls, discuss results of analysis, finalize responses, incorporate resolved issues into the guidance document, and come to consensus on remaining unresolved issues and a strategy for addressing these issues
Sept. 2003	Finalize revised guidance document, leaving placeholders for outstanding issues
March 2004	ACS symposium on terrestrial field dissipation, including formal consultation meeting with industry and other interested participants to resolve outstanding issues
Sept. 2004	Finalize terrestrial field dissipation guidance document

BACKGROUND/RATIONALE:

There is a difference in philosophy between the PMRA and the EPA on the rationale for and the use of field dissipation data in regulatory decisions on pesticides. It is important to agree on this fundamental issue to resolve the last significant difference with respect to environmental fate data requirements and study protocols.

It is logical to include the activity on the number of sites to be tested, previously under the ecoregion project, under this new project.

STATUS REPORT

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STATUS: The project is progressing well although not on the original schedule due to more pressing priorities in both PMRA and EPA. Currently, indicators for different modules and other pending issues are being addressed with the EPA through weekly conference calls. Preparations such as designation of speakers, topics and presentations for the ACS symposium on terrestrial field dissipation are underway. Also, consultation with industry representatives to discuss revised guidance document, use of field data in models/risk assessment and resolve outstanding issues is underway and will be concluded with a formal meeting at the ACS symposium in March 2004