

PROJECT COMPLETION SHEET

SUBCOMMITTEE: Risk Reduction

PROJECT TITLE: **Canola Integrated Pest Management Initiative**

PROJECT ID: RR07-97-1204

PROJECT TEAM: United States: Janet Anderson
Canada: Monique Paré

PROJECT DATES: February 1997 to December 2004

GOAL: To develop, communicate and implement a North American integrated pest management (IPM) production system for canola.

PROJECT DESCRIPTION:

A multi-stakeholder working group—composed of the Pest Management Regulatory Agency (Alternative Strategies and Regulatory Affairs Division) and the United States Environmental Protection Agency (Biopesticides and Pollution Prevention Division) in partnership with the Canadian Canola Growers Association; Northern Canola Growers Association; Canola Council of Canada; Minnesota Canola Council; Canadian Federation of Agriculture; Agriculture and Agri-Food Canada; World Wildlife Fund Canada; university, provincial and state researchers; provincial extension services; and crop input industry—held its first meeting in April 1997 and agreed to form a Steering Committee. This committee was responsible for developing recommendations and priorities into a framework for the implementation and communication of an IPM strategy in canola.

The Steering Committee developed a work plan in consultation with the Canola IPM Working Group members. One of the first elements of the plan was to gather and organize all the information available on pest management in canola. It was recognized that a central information source would be a strong asset for supporting the implementation of IPM in canola. To make informed decisions according to IPM principles, the ability to combine information on several aspects of crop management and an understanding of potential interactions in the field are critical. This information was first organized in a matrix format. The matrix information has now been incorporated into a web-based system. This Integrated Crop Management system provides a central database and allows the integration of new knowledge from research and experience as it becomes available.

To better orient the strategy and to have a baseline against which progress could be assessed, the Steering Committee established a task group focussing on the measurement of IPM adoption. The group was successful at obtaining funding that went into developing and conducting an extensive grower survey on pest management practices and IPM in canola. The results of that survey provided information for determining the status of IPM in current grower practices. The Canola IPM Working Group met in November 2000 to discuss the findings of the survey and to establish future needs, adjusting the IPM

strategy based on current growers awareness of the IPM concept and practices. The top priorities were to develop extension and educational material for canola growers as well as to improve the availability of IPM information for agronomists and other providers of crop and pest management who advise canola growers. To fulfill these needs, two fact sheets were developed and distributed, and had a far-reaching impact on the grower community. This constitutes the end of a first cycle of risk reduction for the canola industry in the United States and Canada.

OUTPUT/RESULTS:

Canola IPM Matrix posted on the Canola Council of Canada web site (1999).

Survey of pest management grower practices report presented (fall 2000).

Development and publication of two fact sheets on IPM practices (spring 2001).

Development and publication of the Canola IPM Journal (spring 2002).

Integrated Canola Production information system available on the Canola Council of Canada website (fall 2004).