

AAFC-PMRA NATIONAL RISK REDUCTION PROGRAM

Presentation to PMAC

May 17-18, 2004

Item 7: Agricultural Risk Reduction Strategies



Background

- ◆ Joint presentation AAFC-PMRA at November 2002 meeting regarding pesticide risk reduction and commodity strategies
- ◆ Today we will report on:
 - ◆ The consultations that finalized the present risk reduction process,
 - ◆ The status of RR activities with different commodities (completed, underway, or planned)
 - ◆ The linkages within and between each of the two organizations and with the various stakeholders
 - ◆ The tools considered for monitoring and evaluation.



Pesticide Risk Reduction

Overall Objective:

- ❖ Develop and implement commodity specific risk reduction strategies for the agriculture and agri-food sector

Goals:

- ❖ The use of safer pest management practices and products, and
- ❖ Contribute to increased public and stakeholder confidence in pesticide regulation and protection of health and the environment



Main Steps

- 1. Identify priority crops based on criteria such as**
Quantity and risks of pesticides utilized
Motivation of growers to seek new approaches
- 2. Prepare and publish crop profiles to provide information on**
Pest management needs for the crop
Specific risk issues requiring action
- 3. Develop & implement risk reduction strategies to**
Set goals and targets, prioritize actions, set and implement an
action plan (who, what, when)
- 4. Measure strategy success**



Choice of commodities

- ◆ To help prioritize commodities, PMRA and AAFC developed a series of criteria that include estimation of the risk level posed by pesticides, the crop value, its geographical distribution, growers' motivation, urgency of the need (i.e. Re-evaluation), availability of solutions, etc..
- ◆ Although these are similar in nature, the two Departments applied different weight which were subsequently used to determine two sets of five commodities to be approached for 04/05.



Crop Profile

- ❖ It is a National snapshot about a crop
- ❖ It contains current pest management practices, production statistics, cultural, biological and chemical tools, IPM, resistance management, etc.
- ❖ It serves to identify gaps & needs including new or replacement products, alternative approaches
- ❖ It may identify risks to be reduced including risks to health and the environment (water, air, soil, biodiversity)



What's done on Crop Profiles

❖ 2002-03:

CARD funding of draft crop profiles for 21 field and 31 horticultural crops, coordinated by CFA and CHC.

❖ 2003-04:

➤ Consult and revise crop profile template:

- uniformity / common look and feel among crop profiles
- production and market data
- the spectrum of pesticide use and IPM practices
- key issues and industry needs for pest management

➤ work with growers, industry, other stakeholders to complete and validate crop profiles, make publicly available



What's done on Crop Profiles

- ❖ **2003-04:** 12 profiles completed – pesticide use information provided by provinces, require final review by stakeholders:
 - Apple
 - Potato
 - Dry bean
 - Greenhouse tomato
 - Carrot
 - Strawberry
 - Broccoli
 - Cabbage
 - Rutabaga
 - Wild blueberry
 - Field and container ornamentals
- ❖ drafts of a further 40 are in various stages of completion



What's next on Crop Profiles

❖ 2004-05:

- consultations with provinces, industry, experts to compile data and review profiles for additional priority crops including:
 - canola
 - field corn
 - soybean
 - grape
 - wheat
 - field tomatoes
- consult with stakeholders on data confidentiality issues



Risk reduction strategies

- **Canola, IFP, Aquaculture, Cranberry strategies completed.**
- **Progress on new strategies: Strategies prepared for potatoes (NB and PEI), Pulses, Richardson's Ground Squirrels; consultation underway on tomatoes**
 - **Support implementation of the strategy for potatoes in PEI/NB, and Pulse Strategies with AAFC**
 - **Initiate, in cooperation with AAFC, strategies for potatoes (national), apples, tomatoes, peaches, wheat, corn, honey carrots, onions, grapes, strawberries, and ginseng**
 - **Identify additional commodities (10) as priorities for strategies to be developed in FY 05/06 with AAFC**
 - **Develop and implement a communication plan in collaboration with AAFC**



Risk Reduction Research (AAFC)

- ◆ Objectives:
 - ◆ Through research, to provide new tools and support the implementation of commodity based risk reduction strategies
- ◆ Approaches:
 - ◆ R&D of biological control agents and new tools and practices for IPM implementation and assessment
- ◆ Research call in 2003, followed by a peer review process resulted in funding of 19 multi-year projects



The Benefits

FOR ALL CANADIANS

- Better informed on risk reduction actions in the agricultural sector
- High quality Canadian-grown produce
- Food & Water safety
- Sustainable Environment



Confidence

FOR CANADIAN GROWERS

- Sustainable strategies – economic and environmental
- Better access to reduced-risk products
- Access to new IPM tools
- Marketing opportunities



Viable production



Question

- ◆ Does the Council have advice concerning the approach being taken?

