

# Risk-reduction Strategy for Pest Management in Agriculture



# Background

- Government commitments
  - risk reduction policy
  - enable access to pest control products and sustainable pest management strategies
- PMAC advice:
  - develop a proposal regarding the adoption of integrated pest management (IPM)



# Background: Sectoral interest

- public: reduce and minimize risks from pesticides
- political: Standing Committee on Environment and Sustainable Development
- producers
  - ability to effectively manage pests
  - maintaining consumer confidence in safety of food supply



# Proposed Framework

- PMRA and AAFC risk-reduction strategy
  - sustainable pest management
  - integration with overall crop management strategies
  - commodity basis
- long term vision: registration decisions in the context of commodity-based risk-reduction programs



# Proposed Framework

- Develop crop profile
  - specific to commodity
  - current pest management practices, production statistics
    - cultural, biological and chemical tools
    - IPM, resistance management
  - specific risk issues to be addressed



# Proposed Framework

- Develop commodity risk reduction / crop management strategy
  - gap analysis, research needs
  - address specific risks to reduce
  - pest management tools, management approaches needed



# Proposed Framework

- Implement the strategy
  - include measurement and reporting capabilities



# Work to build on

- IPM Partnership projects
- grower, extension, research, public interest groups initiatives, knowledge
- harmonization with US transition activities: crop profiles, pest management strategies





# Proposed Path Forward

I. Build the framework

II. Establish the process to implement the framework

III. Do it!



# Proposed Path Forward:

## I. Build the Framework

- Discussion draft of framework components
- Pilot projects, case studies of current initiatives to test framework
- Broad stakeholder discussion



# Proposed Path Forward:

## II. Process to implement

- Criteria for establishing priorities
- Roles for developing profiles, strategies
- Governance structure



# Consideration by PMAC

- Comments on overall proposal
- Phase I
  - identification of pilots
  - advice on process building to broad stakeholder dialogue

