

# The PMRA Initiative for Reduced Risk Products

---

November, 2002

Richard Aucoin, Ph.D.

Director, Efficacy and Sustainability Assessment Division



# Reduced Risk Pesticides Initiative

- ◆ Background
- ◆ Dir2002-02 published May 31, 2002
- ◆ Extension of Reduced Risk Joint Review
- ◆ 97-3 US EPA
- ◆ Builds on existing programs e.g. Reduced Risk Joint Reviews and URMUR

# Reduced Risk Pesticides Initiative

- ◆ What does it include:
- ◆ lower risk chemical pesticides
- ◆ biopesticides (microbials, pheromones, other biopesticides)
- ◆ minor use label expansion pesticides
- ◆ antimicrobial pesticides
- ◆ urban use pesticides

# Reduced Risk Pesticides Initiative

- ◆ What is reduced risk?
- ◆ **does not mean low risk**
- ◆ when compared to products for the same use they present an improved risk scenario to human health or the environment

# Reduced Risk Pesticides Initiative

- ◆ How will it work?
- ◆ Grant reduced risk status to chemicals already designated as reduced risk by the US EPA where the use is the same
- ◆ Use the same criteria as the US EPA to determine eligibility for designation as a reduced risk chemical
- ◆ Recognize the US EPA biopesticide designation as reduced risk products

# Reduced Risk Pesticides Initiative

- ◆ How will it work?
- ◆ The reduced risk or biopesticide designation does not mean reduced or no data requirements
- ◆ Requires a complete data package

# Reduced Risk Pesticides Initiative

- ◆ How will it work?
- ◆ Shorter review times for reduced risk chemicals and biopesticides
- ◆ Require product submission with a reduced risk or biopesticide designation to undergo a normal evaluation and risk assessment

# Reduced Risk Pesticides Initiative

- ◆ What are the review time lines?
- ◆ For new chemicals, the review time for a complete submission that is accepted as reduced risk will be 15 months, comparing favourably to USEPA review time of 22 months.
- ◆ For new biopesticides that are Straight Chain Lepidopteran Pheromones , the review time for a complete submission will be 6 months.



# Process:Key Points, Issues

- ◆ Documentation of EPA RR /biopesticide designation
- ◆ Encourage registrants to submit RR rationale for PMRA consideration early
- ◆ Reduced Risk/Chem or Biop on submission
- ◆ Complete data package

# Reduced Risk Pesticides Initiative: Summary

- ◆ Accept EPA RR, Biopesticide designation, documentation where uses are the same
- ◆ Use same criteria
- ◆ Reduced risk does not mean low risk or no risk
- ◆ Expedited review
- ◆ Encourage manufacturers to apply for the registration of reduced risk products in Canada