

# PEST MANAGEMENT ADVISORY COUNCIL

**MAY 17, 2004**  
**RE-EVALUATION**

John Worgan

Director

Re-evaluation Management Division (REMD)



# PMRA

## Re-Evaluation Program

- ❖ Regulatory Directive DIR2001-03
- ❖ 4 Programs (1) EPA REDs, (2) PMRA Review, (3) FQPA, (4) Special Review
- ❖ Builds on U.S. EPA and other international assessments
- ❖ Decisions at or near same time frame as EPA, harmonized where possible



# Re-Evaluation Includes:

- ❖ The **Aggregate** non-occupational exposure from a **(single) pesticide**.
- ❖ The **cumulative** effects from **(a number of) pesticides** with a common mechanism of toxicity.
- ❖ Consideration of **increased susceptibility to infants** and children, or other sensitive subpopulations, from exposure to the pesticide.



# CUMULATIVE RISK ASSESSMENT FOR OPS

❖ EPA

Revised Cumulative Risk Assessment  
- June 2002



# Cumulative Risk Assessment (cont'd)

## PMRA

- Science Advisory Panel
- Technical Briefings
- CARAT meetings
- Model Comparison Workshop  
(Calendex/Lifeline)
- Public Announcements – December 2001 and  
May 2002
- “ FQPA ” Policy Documents:
  - 5 documents published



# Re-Evaluation Priorities

- Pesticides used on foods
- Opportunities for joint work with EPA /availability of international reviews
- Canadian specific priorities



# Re-Evaluation Timelines

- 401 Actives registered prior to 1995
- EPA target is 2006 for food use chemicals and 2008 for non food uses
- PMRA timelines linked to those of EPA



# Re-Evaluation Reports

- ❖ Annual Workplan
- ❖ Annual Report on Progress
- ❖ Re-evaluation Web Page Link





# Re-Evaluation Workplan

- ❖ Workplan for March 2003 to June 2004 published (REV 2003-08)
- ❖ Identifies Actives by Programs 1-4 for which will publish a RevNote, PACR, RRD, Risk Assessment



# Current Status

<b>Decisions on Older Pesticides as of Mar.31/04</b>	<b>Completed Decisions*</b>	<b>Proposed Decisions**</b>	<b>Total Decisions</b>
<b>A.I.'s addressed</b>	80	50	130
<b>Discontinued/ Withdrawn by registrant</b>	58	NA	58
<b>Phased Out (or proposed for phase out) as a result of PMRA review</b>	6***	2	8
<b>Registration con't – label modifications</b>	14	48	62
<b>Registration con't – no label changes</b>	2		2



# Harmonization

## 2 NAFTA Projects to ensure coordination

- ❖ **Cooperative Re-evaluation of HDWP**
- ❖ **Coordination of Re-evaluation/  
Reregistration activities**
  - **monthly conference calls**
  - **ongoing science discussions**
  - **“FQPA” documents**



# PMRA Activities

- PMRA will attend May PPDC meeting
- PMRA May 19, 2004 Meeting on Re-evaluation



# Decision Making Framework

- Integrated science based decisions based on principles of risk assessment and risk management and consistent with Agency's Decision Framework



# Re-evaluation Outcomes

## ❖ Mitigations

- Application rate: limit number of applications
- Establish re-entry intervals
- Invoke product stewardship
- Re-classification – commercial to restricted
- Monitoring data
- Label Improvement
- Buffer Zones
- Identification of data requirements



# Re-evaluation Outcomes (cont'd)

## ❖ Engineering Mitigation

- Personal Protective equipment
- Closed systems
- Ventilation requirements
- Packaging modifications
- Reformulation

## ❖ Discontinuation/Cancellation

- Discontinue certain (or all) uses



# New PCPA

- ❖ Provisions of new PCPA strengthen legislative foundation for Re-evaluation program
- ❖ Must initiate re-evaluation for products for which last major decision made prior to April 1, 2005
- ❖ 15 year cyclical review
- ❖ Provisions for Special Reviews





# SUMMARY

- ❖ PMRA re-evaluation program builds on International assessments where possible
- ❖ Decisions at or near the same time as EPA, harmonized where possible.



# Question

- ▶ Does the Council have further advice for PMRA concerning the direction that we are taking in re-evaluation?

