

# IMPROVED ACCESS TO BIOPESTICIDES

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# **INTRODUCTION - What are we talking about?**

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## **“BIOPESTICIDES”**

- u Microbials
- u Pheromones
- u Others



# **IMPROVED ACCESS TO BIOPESTICIDES - Why?**

## **GOAL**

- u Remove regulatory barriers
- u Maintain health and environmental protection
- u Simultaneous access
- u Sustainable pest management and risk reduction



# MECHANISM - How?

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- u North American Free Trade Agreement

Technical Working Group on Pesticides  
Risk Reduction Subcommittee  
USA/Canada/Mexico

- u Organization for Economic Cooperation and  
Development

Working Group on Pesticides



# How?

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## 1. Harmonization

- Data Requirements
- Test Guidelines - harmonized
- Formats - work initiated

## 2. Process

## 3. Linkages between registrant and user community

# RESULTS - HARMONIZATION MICROBIALS

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## **PRE-SUBMISSION CONSULTATION - HARMONIZED APPROACH**

- US/Canada
- being considered by OECD countries
- 7 data requirements
- 7 waivers

## **DATA REQUIREMENTS - HARMONIZED**

- US/Canada
- substantial progress - OECD

## **RESULTS - MICROBIALS**

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# **DATA REQUIREMENTS TAILORED TO UNIQUE ASPECTS:**

- Biological properties
- Host range
- Infectivity
- Ability to persist, multiply and disseminate

**GENETICALLY MODIFIED: US/Canada  
REGULATED AS SUBSET OF MICROBIALS  
RESULTS - PHEROMONES**

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**PRE-SUBMISSION CONSULTATION -**

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# HARMONIZED APPROACH

- US/Canada
- being considered by OECD
- 7 data requirements
- 7 waivers

# DATA REQUIREMENTS - HARMONIZED

- US/Canada
- substantial progress OECD

# RESULTS - PHEROMONES

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# REGISTRATION NOT REQUIRED





- Used in fixed-location lures for monitoring pests

## **REGISTRATION REQUIRED**

- Used in dispensers placed in large numbers for pest control
- Broadcast or sprayed



# RESULTS - PHEROMONES

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## DATA REQUIREMENTS TAILORED TO UNIQUE ASPECTS:

- Non-toxic: modify behaviour of target
- Target specific
- Use concentrations close to naturally occurring levels
- Dissipate rapidly

# HOW - PROCESS

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## Joint Reviews / Microbials and Pheromones

- NAFTA Commitment
- 12 month performance standard
- Announcement June 1997
- Revised Procedures published August 1999
- One product registered (pheromone)
- Two microbial joint reviews currently under review; 2 more proposed



# HOW - PROCESS

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## Minor Use

- 0 User Requested Minor Use Registration (URMUR)  
Directive - August 1999
  
- 0 Allows the use of reviews from OECD countries such as US for minor uses in Canada



# HOW - LINKAGES BETWEEN REGISTRANT AND USER COMMUNITY

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## IR-4 Biopesticides

- linkage with IR-4 Biopesticides program

## Integrated Pest Management Projects

- linkage with growers



# FUTURE WORK

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- ! Dossier / monograph (format)
- ! Work sharing
- ! Other types of products



# SUMMARY

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- ! Committed to facilitate access
  
- ! Remove regulatory barriers
  
- ! Harmonization:
  - o Data requirements, test guidelines
  - o Process improvements: joint reviews, URMUR
  - o NAFTA
  - o OECD
  
- ! Sustainable pest management and risk reduction

# **PEST MANAGEMENT REGULATORY AGENCY**

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## **FURTHER INFORMATION**

PMRA Web site:

<http://www.hc-sc.gc.ca/pmra-arla/indexe.html>

EPA Web site: <http://www.epa.gov>

OECD Pesticide Programme Web Site:

<http://www.oecd.org/ehs/pesticid.htm>

Information Service:

1-800-267-6315 or 613-736-3799 (Canada)

A:\Biopesticides.wpd



Health Canada  
Pest Management Regulatory Agency

Santé Canada  
Agence de réglementation de la lutte antiparasitaire