



NAFTA Technical Working Group on Pesticides
Grupo de Trabajo Técnico del TLCAN sobre Plaguicidas
Le groupe de travail technique de l'ALENA sur les pesticides

PROJECT SHEET

SUBCOMMITTEE: Risk Reduction

PROJECT TITLE: Joint Review of Microbials, and Pheromones and “Other” Biopesticides

PROJECT ID: RR04-99-1105

PROJECT LEADS: United States: Brian Steinwand
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INITIATION: 1999

UPDATE: May 2006

GOAL: To reach joint registration decisions for microbial and pheromone pesticides.

PROJECT DESCRIPTION:

Health Canada’s Pest Management Regulatory Agency (PMRA) and the United States Environmental Protection Agency (EPA) have established a process for the joint review of pest control products in which the new active ingredient is a microbial or an arthropod semiochemical (including pheromones). The procedure entails a joint presubmission consultation to establish specific data requirements for the product; the proposed use pattern must be common to both countries. We are proposing to remove regulatory barriers in order to increase the number of biopesticides with NAFTA registrations.

RATIONALE:

The PMRA and the EPA are committed to joint reviews and worksharing of pesticide evaluations on a regular basis. Joint reviews will increase the efficiency of the registration process, facilitate simultaneous registration in Canada and the United States, and increase access to new pest management tools in both countries. Efficient worksharing requires a shared understanding of the responsibilities of each agency, as well as common procedures and timeframes. Biopesticides are generally safer pest management tools than most conventional chemical pesticides; therefore, having more biopesticide products can lead to risk reduction. However, most biopesticide companies are small and need incentives and/or regulatory changes to encourage registration in both the United States and Canada.

WORK PLAN

SUBCOMMITTEE: Risk Reduction

PROJECT TITLE: Joint Review of Microbials and Pheromones

UPDATE: November 2005

JOINT REVIEW SUBMISSIONS

COMPLETED (REGISTERED) JOINT REVIEWS: PHEROMONES				
ACTIVE INGREDIENT	REGISTRANT	PRODUCT NAMES	USES	COMPLETION DATE
9-dodecenyl acetate	Bedoukian	9-dodecenyl acetate Technical	Control of eastern pine shoot borer in forests and woodlands	November 1999
		3M MEC Eastern Pine Shoot Borer Pheromone		
COMPLETED (REGISTERED) JOINT REVIEWS				
<i>Cydia pomonella</i> GV	Biotepp	<i>Cydia pomonella</i> Granulovirus	Control of codling moths on apples	June 2000 (PMRA)
		Virosoft CP4 Bio-Insecticide		July 2000 (EPA)
<i>Pseudozyma flocculosa</i>	Plant Products Co.	<i>Pseudozyma flocculosa</i>	Control of powdery mildew on greenhouse-grown cut roses, and English seeded cucumbers	May 2002 (PMRA)
		Sporodex WP Biological Fungicide		September 2002 (EPA)
<i>Chondrostereum purpureum</i>	Mycologic Inc.	CP-PFC2139	Biological herbicide for control of hardwoods in right of ways and forestry	September 2004 (PMRA)
		Chontrol Paste		October 2004 (EPA)

CURRENTLY UNDER JOINT REVIEW: MICROBIALS				
ACTIVE INGREDIENT	REGISTRANT	PRODUCT NAMES	USES	PROPOSED COMPLETION DATE
<i>Pantoea agglomerans</i> C9-1	Nufarm	<i>Pantoea agglomerans</i> C9-1 Technical	Apples	Summer 2006
		Blightban		
<i>Pantoea agglomerans</i> E325	Northwest Agricultural	<i>Pantoea agglomerans</i> E325 Technical	Apples	Summer 2006
		Bloomtime		
CURRENTLY UNDER JOINT REVIEW: PHEROMONES				
None currently under review				
POTENTIAL JOINT REVIEWS				
TYPE OF PESTICIDE	USES		PROPOSED SUBMISSION DATE	
Insecticide	Mites in bees	Late 2005		

INCREASING THE BIOPESTICIDE PRODUCTS AVAILABLE

GOAL	ACTIVITY	TIMEFRAME
Determine barriers to biopesticide joint reviews and registration in only one country	<p>Canada meet with the American biopesticide industry to identify barriers</p> <p>United States meet with the American biopesticide industry to identify barriers</p> <p>United States/Canada meet with Canadian biopesticide industry to identify barriers</p>	<p>Completed—report being prepared</p> <p>January 2005</p> <p>To be determined</p>
Analysis of barriers	Using the identified barriers, determine possible mechanisms to overcome these and find what it would take to accomplish barrier elimination	Late 2005
Develop work plan to implement barrier elimination	To be determined based on barrier analysis	2006 and beyond
Harmonize data requirements for biochemicals other than pheromones	Following framework used to harmonize microbial and pheromone data requirements, the PMRA and the EPA's Biopesticide and Pollution Prevention Division will work to harmonize other biochemical data requirements	To be determined