



Status of NAFTA Joint Reviews (JR) of Conventional Pesticides - U.S. EPA, Canada PMRA, and Mexico CICOPALFEST

The Canadian Pest Management Regulatory Agency (PMRA), the United States Environmental Protection Agency (EPA), and Mexico's CICLOPLAFEST have established a process for the joint review of reduced risk chemical pesticides.

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 U.S., 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 time frames. For additional information on the joint review of chemicals, please see the document *Procedures for Joint Review Applications for Chemical Pesticides*, which can be found on the EPA and PMRA web sites at the following locations:

<http://www.hc-sc.gc.ca/pmra-arla/english/pdf/intern/jrproc2e.pdf>

[http://yosemite.epa.gov/opp/naftatwg.nsf/eb47f145de360ce0852564ac00524a75/12b860f2bff34e86852567df006a620a/\\$FILE/JRprocedures.PDF](http://yosemite.epa.gov/opp/naftatwg.nsf/eb47f145de360ce0852564ac00524a75/12b860f2bff34e86852567df006a620a/$FILE/JRprocedures.PDF)

This table documents joint review and workshare submissions under review and is accurate as of the date of publication indicated. It will be updated bimonthly to reflect ongoing changes.

This document can also be found on both the EPA and PMRA web sites.

(publié aussi en français)

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COMPLETED (REGISTERED) JOINT REVIEWS: GROUP 1 - REDUCED RISK CHEMICALS				
ACTIVE INGREDIENT	REGISTRANT	PRODUCT NAMES	USES	REGISTRATION DATE
Cyprodinil	Novartis	Cyprodinil Technical	Fungicide for fruit	April 1998
		Vanguard 75 WG Fungicide		
Diflufenzopyr	BASF	Diflufenzopyr Technical	Herbicide for corn	February 1999
		Distinct Herbicide (Agricultural)		
Fenhexamid	Tomen Agro	Fenhexamid Technical	Fungicide for grapes, strawberries, and ornamentals	May 1999
		Elevate 50 WDG Fungicide		
Zoxamide*	Rohm & Haas	RH-117281 Technical	Fungicide for grapes and potatoes	March 2001 EPA May 2001 PMRA July 2001 CICOPLAFEST (Gavel only)
		Zoxium 80W Fungicide		
		Gavel MZ DF Fungicide		
COMPLETED (REGISTERED) WORKSHARE REVIEWS (WSRs)				
Sulfosulfuron	Monsanto	MON 37500 Technical	Herbicide for wheat	March 1999 PMRA May 1999 EPA
		Outrider Herbicide		
		Maverick C/A Herbicide		
		MON 37535W Herbicide		
Flucarbazone Sodium*	Bayer	Flucarbazone Sodium Technical	Herbicide for wheat	March 2000 PMRA Sept. 2000 EPA
		Everest 70DF Herbicide		
		Everest Solupak 70DF Water Dispersible Granular Herbicide		
Thiamethoxam Seed Treatment Uses Helix and Helix Xtra (also contains difenoconazole, metalaxyl-M, and fludioxonil fungicides)	Novartis	Thiamethoxam Technical	Insecticide /insecticide with fungicides for use as a seed treatment for canola and mustard	Nov. 2000 PMRA Dec. 2000 EPA
		Helix Insecticide with Fungicides		
		Helix Xtra Insecticide with Fungicides		

ACTIVE INGREDIENT	REGISTRANT	PRODUCT NAMES	USES	REGISTRATION DATE
Iprovalicarb	Bayer	Iprovalicarb Import MRL/ Tolerance	Fungicide for imported grapes, raisins, and wine	May 2001 PMRA EPA target: March 31, 2002

CURRENTLY UNDER REVIEW: GROUP 1A - REDUCED RISK JOINT REVIEWS

ACTIVE INGREDIENT	REGISTRANT	PRODUCT NAMES	USES	PROPOSED COMPLETION DATE
Pyraclostrobin	BASF	BAS 500F	Fungicide for grains and fruiting vegetables	End of 2001
		Headline EC Fungicide		
		Cabrio EG Fungicide		
Mustard Seed and Sodium Olefin Sulfonate	Exit Holdings	EH-2001 Rodenticide	Rodenticide for control of Richardson's Ground Squirrels	TBD

CURRENTLY UNDER REVIEW: GROUP 1B - NEGOTIATED REDUCED RISK CHEMICALS

Acetamiprid***	Aventis	Acetamiprid Technical	Insecticide	Spring 2002
		Pristine RTU Insecticide	Homeowner use - leafy/cole crops/ fruiting vegetables/ ornamentals	
		Chipco Tristar 70WSP	Professional use - indoor/outdoor ornamentals	
		Adjust 70WP	Canola and mustard seed use	
		Assail 70WP	Leafy/cole crops/ fruiting vegetables/ pome fruits/grapes	

ACTIVE INGREDIENT	REGISTRANT	PRODUCT NAMES	USES	PROPOSED COMPLETION DATE
BAS 510*	BASF	BAS 510F Technical	Foliar fungicide for beans/ canola/ lettuce/ fruiting vegetables/ potato/ bulb vegetables/ carrots/ stone fruit/ strawberries/ grapes/ turf	Winter 2003
		BAS 510 02F Crop		
		BAS 510 02F Turf		
CURRENTLY UNDER REVIEW: GROUP 2 - NON REDUCED RISK CHEMICALS				
Clothianidin* (TI435)**	Bayer	Clothianidin Technical	Insecticide for corn and canola seed treatment	March 2003
		Clothianidin 600FS		
CURRENTLY UNDER REVIEW: GROUP 3 - NEGOTIATED JOINT REVIEWS				
Famoxadone (with Cymoxanil fungicide)*	DuPont	Famoxadone Technical	Fungicide for potatoes, tomatoes	Spring 2003
		Tanos 50DF (with Cymoxanil)		
CURRENTLY UNDER REVIEW: WORKSHARE REVIEWS				
Thiamethoxam Seed Treatment	Syngenta (formerly Novartis)	Adage 5FS	Seed treatment for use on wheat, barley, and sorghum	Late fall 2001 PMRA
Tolyfluanid	Bayer	Tolyfluanid Technical	Import MRL/ Tolerance for imported apples, grapes, hops, and tomatoes	Fall 2002 EPA Winter 2003 PMRA
Foramsulfuron and Iodosulfuron-methyl sodium**	Aventis	Foramsulfuron Technical	Herbicide for corn	Spring 2002 EPA Summer 2002 PMRA
		Iodosulfuron-methyl sodium Technical		
		Safener		
		Tribute Solo 32DF		
		Tribute 2.25 SC		
		Tribute 35DF		
Pyraclostrobin Turf uses	BASF	Insignia 20% EG	Fungicide for turf uses	Summer 2002

ACTIVE INGREDIENT	REGISTRANT	PRODUCT NAMES	USES	PROPOSED COMPLETION DATE
PILOT PROJECTS				
PROJECT	REGISTRANT	PRODUCT NAMES	USES	PROPOSED COMPLETION DATE
IR-4/Minor Use: Fenhexamid	IR-4	Elevate 50 WDG Fungicide	Fungicide for use on raspberries	Winter 2002
POTENTIAL JOINT REVIEWS/WORKSHARE REVIEWS				
TYPE OF PESTICIDE	USES			PROPOSED SUBMISSION DATE
Insecticide	Insecticide for apples, pears, grapes, peaches			TBD
Insect Growth Regulator	Insect growth regulator for pome fruits			TBD
Fungicide	Fungicide for foliar use on barley, canola, wheat			TBD

- * Electronic Submission
- ** OECD Dossier Format
- *** EC Monograph

**Status of NAFTA Joint Reviews (JRs) of Microbial and Semiochemical Pesticides -
U.S. EPA, Canada PMRA, and Mexico CICOPALAFEST**

The Canadian 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 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 U.S., 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 time frames. For additional information on the joint review of biopesticides, please see the document *Procedures for the Joint Review of Microbials and Semiochemicals*, which can be found on both the PMRA and EPA web sites at the following locations:

<http://www.hc-sc.gc.ca/pmra-arla/english/pdf/intern/nafta/JRofMicrobialsSemiochemicals-e.pdf>

http://www.epa.gov/pesticides/biopesticides/nafta/nafta_joint_review.htm

This table documents joint review and workshare submissions under review and is accurate as of the date of publication indicated. It will be updated bimonthly to reflect ongoing changes. This document can also be found on both the EPA and PMRA web sites.

COMPLETED (REGISTERED) JOINT REVIEWS: PHEROMONES				
ACTIVE INGREDIENT	REGISTRANT	PRODUCT NAMES	USES	REGISTRATION 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: MICROBIALS				
<i>Cydia pomonella</i> GV	Biotepp	<i>Cydia pomonella</i> Granulovirus	Control of codling moths on apples	June 2000 (PMRA); July 2000 (EPA)
		Virosoft CP4 Bio-Insecticide		

CURRENTLY UNDER JOINT REVIEW: MICROBIALS				
ACTIVE INGREDIENT	REGISTRANT	PRODUCT NAMES	USES	PROPOSED COMPLETION DATE
<i>Mamestra configurata</i> NPV	Biotepp	<i>Mamestra configurata</i> NPV	Control of Bertha army worm	Spring 2002
		Virosoft BA3		
<i>Pseudozyma flocculosa</i>	Plant Products Co.	<i>Pseudozyma flocculosa</i>	Control of powdery mildew on greenhouse-grown cut roses, and English seeded cucumbers	Summer 2002
		Sporodex WP Biological Fungicide		
<i>Chondrostereum purpureum</i>	Mycologic Inc.	CP-PFC2139	Biological herbicide for control of hardwoods in right of ways and forestry	Fall 2002
		Chontrol Paste		
CURRENTLY UNDER JOINT REVIEW: PHEROMONES				
None currently under review				
POTENTIAL JOINT REVIEWS				
TYPE OF PESTICIDE	USES		PROPOSED SUBMISSION DATE	
Biofungicide	For post-harvest control of several decay-causing pathogens		TBD	
Biofungicide	For control of grey and pink snow mould in turf (golf courses)		TBD	
Microbial	Insecticide for control of oblique-banded leafroller		TBD	
Microbial	Fungicide for control of apple scab		TBD	
Pheromone	Pilot second entry pheromone for control of leaf miner and codling moth on apples		TBD	