



Status of NAFTA Joint Reviews (JR) USEPA, Canada PMRA and Mexico CICOPLAFEST

The Canadian Pest Management Regulatory Agency (PMRA) and the United States Environmental Protection Agency (USEPA), in cooperation with Mexico's *Comisión Intersecretarial para el Control del Proceso y Uso de Plaguicidas y Sustancias Tóxicas* (CICOPLAFEST), have established a process for the joint review of pest control products that contain conventional chemical pesticides and for the joint review of pest control products in which the new active ingredient is a microbial or an arthropod semiochemical (including pheromones).

This table documents joint review and workshare submissions under review and is accurate as of the date of publication indicated below. It will be updated on a regular basis to reflect ongoing changes. This document can also be found on the PMRA's website. As of 30 October 2004, 53 registrations have been granted under the Joint Review and Workshare programs, plus one minor use label expansion and one import maximum residue limit (MRL), providing a grand total of 55 registrations. This includes 23 reduced risk chemicals, 22 traditional chemicals and 6 microbials and 2 pheromones. There are currently 16 submissions undergoing joint or workshare reviews: 2 submissions are pilot antimicrobial joint reviews; 6 are traditional chemical joint reviews; 4 submissions are designated reduced risk; and 4 submissions are workshares, 2 of which are reduced risk.

Also, the PMRA is pleased to announce that three pilot, fully electronic submissions were received and are currently proceeding through the Joint Review process. The flow of these submissions through the Joint Review program is being closely monitored so that we can provide industry as well as other regulatory bodies with feedback and updates on the progress that has been made.

(publié aussi en français)

2 December 2004

**This document is published by the Alternative Strategies and Regulatory Affairs Division,
Pest Management Regulatory Agency. For further information, please contact:**

**Publications Coordinator
Pest Management Regulatory Agency
Health Canada
2720 Riverside Drive
A.L. 6605C
Ottawa, Ontario
K1A 0K9**

**Internet: pmra_publications@hc-sc.gc.ca
www.pmra-arla.gc.ca**

**Information Service:
1 800 267-6315 or (613) 736-3799
Facsimile: (613) 736-3758**



ISSN: 1703-7832

**© Her Majesty the Queen in Right of Canada, represented by the Minister of Public Works and Government Services
Canada 2004**

All rights reserved. No part of this information (publication or product) may be reproduced or transmitted in any form or by any means, electronic, mechanical photocopying, recording or otherwise, or stored in a retrieval system, without prior written permission of the Minister of Public Works and Government Services Canada, Ottawa, Ontario K1A 0S5.

Foreword

The PMRA and the USEPA, in cooperation with Mexico's CICOPLAFEST, have established a process for the joint review of pest control products that contain conventional chemical pesticides and for the joint review of pest control products in which the new active ingredient is a microbial or an arthropod semiochemical (including pheromones). In addition the reduced risk program encourages the development, registration and use of lower risk pesticides by providing an expedited time frame for those products.

While the ultimate goal is to conduct joint reviews and share the work of pesticide evaluations among all NAFTA-member countries, currently joint reviews and workshares are only taking place between USEPA and PMRA on a routine basis. Joint reviews increase the efficiency of the registration process, facilitate simultaneous registration in participating countries and increase access to new pest management tools in participating 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 *Updated Procedures for Joint Review of Chemical Pesticides*, which can be found on the PMRA website at the following location:

www.pmra-arla.gc.ca/english/pdf/nafta/naftajr/nafta-jr-pest-e.pdf

For additional information on the joint review of biopesticides, please see the document *Updated Procedures for Joint Review of Microbials and Semiochemicals*, on the PMRA website at the following location:

www.pmra-arla.gc.ca/english/pdf/nafta/naftajr/nafta_jr_micro-e.pdf

COMPLETED (REGISTERED) JOINT REVIEWS: GROUP 1—REDUCED RISK CHEMICALS				
ACTIVE INGREDIENT	REGISTRANT	PRODUCT NAME	USE(S)	COMPLETION DATE
Cyprodinil	Syngenta Crop Protection Canada Inc. (formerly Novartis)	Cyprodinil Technical	Fungicide for apples, stone fruit and grapes	April 1998
		Vanguard 75 WG Fungicide		
		Vanguard 75WP Fungicide		
Diflufenzopyr	BASF	Diflufenzopyr Technical	Herbicide for corn and non-agricultural sites	February 1999
		Distinct Herbicide (Agricultural)		
Fenhexamid	Tomen Agro	Fenhexamid Technical	Fungicide for grapes, strawberries, ornamentals	May 1999
		Elevate 50 WDG Fungicide		
Zoxamide ¹	Rohm & Haas	RH-117281 Technical	Fungicide for grapes and potatoes	March 2001 USEPA
		Zoxium 80W Fungicide		May 2001 PMRA
		Gavel MZ DF Fungicide		July 2001 CICOPLAFEST registered Gavel MZ DF Fungicide

ACTIVE INGREDIENT	REGISTRANT	PRODUCT NAME	USE(S)	COMPLETION DATE
Acetamiprid ³	Bayer CropScience Inc. (formerly Aventis)	Acetamiprid Technical	Insecticide	March 2002 USEPA
		Pristine RTU Insecticide	<p>– Flowers and ornamental plants</p> <p>– Leafy vegetables: amaranth, arugula, cardoon, celery, celtuce, chervil, chrysanthemum, corn salad, cress, dandelion, dock, endive, Florence fennel, lettuce (head, leaf), orach, parsley, purslane, radicchio, rhubarb, spinach, Swiss chard</p> <p>– Cole crops: broccoli, Brussels sprouts, cabbage, cauliflower, collards, kale, kohlrabi, mizuna, mustard greens, mustard spinach, rape greens</p> <p>– Tomato</p> <p>– Pome fruits: apple, crabapple, pear</p>	June 2002 PMRA

ACTIVE INGREDIENT	REGISTRANT	PRODUCT NAME	USE(S)	COMPLETION DATE
		Assail 70WP Insecticide	<p>– Leafy vegetables: amaranth, arugula, cardoon, celery, celtuce, chervil, chrysanthemum, corn salad, cress, dandelion, dock, endive, Florence fennel, lettuce (head, leaf), orach, parsley, purslane, radicchio, rhubarb, spinach, Swiss chard</p> <p>– Cole crops: broccoli, Brussels sprouts, cabbage, cauliflower, collards, kale, kohlrabi, mustard greens, mustard, spinach, rape greens</p> <p>– Tomato</p> <p>– Pome fruits: apple, crabapple, pear</p> <p>– Grapes</p>	
		Chipco Tristar 70WSP	Ornamentals and flowering plants grown outdoors as well as in greenhouses, shadehouses and lathhouses	
		Assail 70 WP Seed Treatment	Canola and mustard seed	October 2002
Mustard seed and sodium olefin sulfonate	Exit Holdings	EH-2001 Rodenticide (ISP)	Rodenticide for control of Richardson's ground squirrels	March 2003
		EH-2001 (EP)		
BAS 510 ¹	BASF	BAS 510F Technical	Foliar fungicide for beans, canola, lettuce, fruiting and bulb vegetables, potato, carrots, stone fruit, strawberries, grapes, turf and berries	October 2003
		BAS 510 02F Crop		
		BAS 510 02F Turf		

COMPLETED (REGISTERED) JOINT REVIEWS: GROUP 2—NON REDUCED RISK CHEMICALS				
ACTIVE INGREDIENT	REGISTRANT	PRODUCT NAME	USE(S)	COMPLETION DATE
Clothianidin ^{1,2} (TI435)	Bayer CropScience Inc.	Clothianidin Technical	Insecticide for corn and canola seed treatment	May 2003
		Clothianidin 600FS		
		Clothianidin TM 600		
COMPLETED (REGISTERED) JOINT REVIEWS: GROUP 3—NEGOTIATED JOINT REVIEWS				
ACTIVE INGREDIENT	REGISTRANT	PRODUCT NAME	USE(S)	COMPLETION DATE
Pyraclostrobin ^{1,2}	BASF	BAS 500F	Fungicide	September 2002 USEPA
		Headline EC Fungicide	Wheat, barley, rye, chickpeas, lentils, dry field peas, dry beans, faba bean, potato, sugar beets, grasses grown for seed (bluegrasses, fescues, ryegrasses)	December 2002 PMRA

		Cabrio EG Fungicide	<ul style="list-style-type: none"> – Blueberries (lowbush, highbush) – Root vegetables: carrots, garden beet, horseradish, Oriental radish, rutabaga, turnip, radish – Cucurbit vegetables: field cucumber, gherkin, citron melon, muskmelon, summer squash, winter squash, pumpkin, watermelon – Fruiting vegetables: field tomato, field pepper (bell, chilli, cooking, pimento, sweet), eggplant – Bulb vegetables: onions (all varieties), garlic, leeks, shallot – Strawberries – Stone fruits: apricot, cherry (sweet and tart), nectarine, peach, plum, prune 	
Famoxadone (with cymoxanil fungicide) ¹	DuPont	Famoxadone Technical	Fungicide for potatoes, tomatoes	May 2003
		Tanos 50DF (with cymoxanil)		

COMPLETED (REGISTERED) WORKSHARE REVIEWS (WSRs)				
ACTIVE INGREDIENT	REGISTRANT	PRODUCT NAME	USE(S)	COMPLETION DATE
Sulfosulfuron	Monsanto	MON 37500 Technical	Herbicide for wheat	March 1999 PMRA
		Outrider Herbicide		May 1999 USEPA
		Maverick C/A Herbicide		
		MON 37535W Herbicide		
Flucarbazone sodium ¹ (Reduced risk)	Bayer CropScience Inc.	Flucarbazone Sodium Technical	Herbicide for wheat	March 2000 PMRA
		Everest 70DF Herbicide		September 2000 USEPA
		Everest Solupak 70DF Water Dispersible Granular Herbicide		
Thiamethoxam Seed Treatment Uses	Syngenta Crop Protection Canada Inc. (formerly Novartis)	Thiamethoxam Technical	Insecticide with fungicides for use as a seed treatment for canola and mustard	November 2000 PMRA
		Helix Insecticide with Fungicides (also contains difenoconazole, metalaxyl-M, and fludioxonil fungicides)		December 2000 USEPA
		Helix Xtra Insecticide with Fungicides (also contains difenoconazole, metalaxyl-M, and fludioxonil fungicides)		
Thiamethoxam Seed Treatment	Syngenta Crop Protection Canada Inc. (formerly Novartis)	Adage 5FS	Seed treatment for sorghum	June 2002 PMRA
Clothianidin ^{1,2} (TI435)	Bayer CropScience Inc.	Prosper FL Flowable Insecticide and Fungicide Seed Treatment	Seed treatment for canola and rapeseed	December 2003 PMRA

Foramsulfuron and iodosulfuron-methyl sodium ²	Bayer CropScience Inc. (formerly Aventis)	Foramsulfuron Technical	Herbicide for corn	April 2003 PMRA
		Iodosulfuron-methyl sodium Technical		
		Tribute Solo 32DF		
		Tribute 2.25 SC		
		Tribute 35DF		

COMPLETED IMPORT MRL/TOLERANCE

ACTIVE INGREDIENT	REGISTRANT	PRODUCT NAME	USE(S)	COMPLETION DATE
Iprovalicarb	Bayer CropScience Inc.	Iprovalicarb	Fungicide for imported grapes, raisins and wine	July 2001 PMRA August 2002 USEPA

COMPLETED MINOR USE LABEL EXPANSIONS (pilot)

ACTIVE INGREDIENT	REGISTRANT	PRODUCT NAME	USE(S)	COMPLETION DATE
Fenhexamid (Minor use pilot project)	Bayer CropScience Inc. / IR-4	Elevate 50 WDG Fungicide	Fungicide for use on raspberries	April 2002

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

ACTIVE INGREDIENT	REGISTRANT	PRODUCT NAME	USE(S)	PROPOSED COMPLETION DATE
Pinoxaden ¹	Syngenta Crop Protection Canada Inc.	Pinoxaden Technical	Barley and wheat	Summer 2005
		A12303C 100EC Herbicide		
Aminopyralid ¹	DOW	Aminopyralid Technical	Ranges, pastureland, rights of way, cereal grains	Summer 2005
		Aminopyralid Liquid Concentrate Herbicide		

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

None currently under review

CURRENTLY UNDER REVIEW: GROUP 2—NON REDUCED RISK CHEMICALS

None currently under review

CURRENTLY UNDER REVIEW: GROUP 3—NEGOTIATED JOINT REVIEWS

ACTIVE INGREDIENT	REGISTRANT	PRODUCT NAME	USE(S)	PROPOSED COMPLETION DATE
Spirodiclofen ^{1,2}	Bayer CropScience Inc	Spirodiclofen Technical	Insecticide for pome fruit, stone fruit and grapes. Import MRL/tolerances for citrus fruit and tree nuts	Winter 2005
		Envidor 240SC Miticide		
Polymeric betaine	Reutgers	Polymeric Betaine Technical	Heavy duty wood preservative	Spring 2005
		Impralit KDS		
BAS670H	BASF	BAS670H Technical Herbicide	Corn	Spring 2005
		BAS670 336 SC Herbicide		

CURRENTLY UNDER REVIEW: WORKSHARE REVIEWS

ACTIVE INGREDIENT	REGISTRANT	PRODUCT NAME	USE(S)	PROPOSED COMPLETION DATE
Cyazofamid (Reduced risk)	ISK Biosciences Corp	Technical Cyazofamid Fungicide	Fungicide for potatoes	Spring 2005 PMRA
		Ranman 400SC Fungicide		September 2004 USEPA
Novaluron	Makhteshim	Rimon Technical	Insect growth regulator for pome fruits and potatoes	June 2004 (USEPA)
		Rimon 7.5 WDG Insecticide		Spring 2005 (PMRA)
		Rimon 10 EC Insecticide		

PILOT PROJECTS		
TYPE OF PESTICIDE	USES	PROPOSED SUBMISSION DATE
'Other' biopesticide	Personal insect repellent	Fall 2004
POTENTIAL JOINT REVIEWS/WORKSHARE REVIEWS		
TYPE OF PESTICIDE	USES	PROPOSED SUBMISSION DATE
Fungicide	Barley, canola, wheat (peanuts in the United States only)	March 2004
Insecticide	Wheat and oats	October 2006

- ¹ ELECTRONIC SUBMISSION
- ² Organisation for Economic Cooperation and Development (OECD) DOSSIER FORMAT
- ³ European Commission (EC) MONOGRAPH

COMPLETED (REGISTERED) JOINT REVIEWS: PHEROMONES				
ACTIVE INGREDIENT	REGISTRANT	PRODUCT NAME	USE(S)	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: MICROBIALS				
ACTIVE INGREDIENT	REGISTRANT	PRODUCT NAME	USE(S)	COMPLETION DATE
<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 USEPA
<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 USEPA
<i>Chondrostereum purpureum</i>	Mycologic Inc.	CP-PFC2139	Biological herbicide for control of hardwoods in rights of way and forestry	September 2004
		Chontrol Paste		
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 armyworm	Withdrawn
		Virosoft BA3		
CURRENTLY UNDER JOINT REVIEW: PHEROMONES				
None currently under review				
POTENTIAL JOINT REVIEWS				
TYPE OF PESTICIDE	USES		PROPOSED SUBMISSION DATE	
'Other' biopesticide	Personal insect repellent		TBD	

TYPE OF PESTICIDE	USES	PROPOSED SUBMISSION DATE
'Other' biopesticide	Fungicide	TBD
Pheromone (Pilot second entry)	Pheromone for control of leaf miner and codling moth on apples	TBD