



PMRA Joint Review Update

JR2004-01

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

The Canadian Pest Management Regulatory Agency (PMRA) and United States Environmental Protection Agency (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 of those 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 Web site. As of December 1, 2003, 50 registrations have been granted under the Joint Review/Workshare programs, plus one minor use label expansion and one import maximum residue limit (MRL). This includes 20 traditional chemicals, 24 reduced risk chemicals, 4 microbials and 2 pheromones (active ingredients and end-use products). There are currently 12 submissions undergoing joint or workshare reviews, of which 8 are traditional chemicals and 4 are microbials.

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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.hc-sc.gc.ca/pmra-arla/

Information Service:
1-800-267-6315 or (613) 736-3799
Facsimile: (613) 736-3798



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Foreword

The Canadian PMRA and 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 of those 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 timeframe for those products.

While the ultimate goal is to conduct joint reviews and share the work of pesticide evaluations among all NAFTA countries, currently joint reviews and workshares are only taking place on a routine basis between the USEPA and the PMRA. 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 timeframes. 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 Web site at:

<http://www.hc-sc.gc.ca/pmra-arla/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 Web site at:

http://www.hc-sc.gc.ca/pmra-arla/english/pdf/nafta/naftajr/nafta_jr_micro-e.pdf

ACTIVE INGREDIENT	REGISTRANT	PRODUCT NAMES	USES	COMPLETION DATE
COMPLETED (REGISTERED) JOINT REVIEWS: GROUP 1 – REDUCED RISK CHEMICALS				
Cyprodinil	Syngenta (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
Acetamiprid ³	Bayer (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 NAMES	USES	COMPLETION DATE
Acetamiprid ³ (cont'd)	Bayer (formerly Aventis) (cont'd)	Assail 70WP Insecticide	– 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 – Cole crops: broccoli, Brussels sprouts, cabbage, cauliflower, collards, kale, kohlrabi, mustard greens, mustard, spinach, rape greens – Tomato – Pome fruits: apple, crabapple, pear – Grapes	March 2002 USEPA June 2002 PMRA (cont'd)
		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 use	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 & bulb vegetables, potato, carrots, stone fruit, strawberries, grapes, turf	October 2003
		BAS 510 02F Crop		
		BAS 510 02F Turf		
COMPLETED (REGISTERED) JOINT REVIEWS: GROUP 2 – NON REDUCED RISK CHEMICALS				
Clothianidin ^{1,2} (TI435)	Bayer	Clothianidin Technical	Insecticide for corn and canola seed treatment	May 2003
		Clothianidin 600FS		

ACTIVE INGREDIENT	REGISTRANT	PRODUCT NAMES	USES	COMPLETION DATE
COMPLETED (REGISTERED) JOINT REVIEWS: GROUP 3 – NEGOTIATED JOINT REVIEWS				
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	– Blueberry: 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)				
Sulfosulfuron	Monsanto	MON 37500 Technical	Herbicide for wheat	March 1999 PMRA
		Outrider Herbicide		May 1999 USEPA
		Maverick C/A Herbicide		
		MON 37535W Herbicide		

ACTIVE INGREDIENT	REGISTRANT	PRODUCT NAMES	USES	COMPLETION DATE
Flucarbazone Sodium ¹ (Reduced Risk)	Bayer	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 Helix and Helix Xtra (also contains difenoconazole, metalaxyl-M, and fludioxonil fungicides)	Syngenta (formerly Novartis)	Thiamethoxam Technical	Insecticide with fungicides for use as a seed treatment for canola and mustard	November 2000 PMRA
		Helix Insecticide with Fungicides		December 2000 USEPA
		Helix Xtra Insecticide with Fungicides		
Thiamethoxam Seed Treatment	Syngenta (formerly Novartis)	Adage 5FS	Seed treatment for sorghum	June 2002 PMRA
Foramsulfuron and Iodosulfuron-methyl-sodium ²	Bayer (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				
Iprovalicarb	Bayer	Improvalicarb Import MRL/Tolerance	Fungicide for imported grapes, raisins and wine	July 2001 PMRA August 2002 USEPA
COMPLETED MINOR USE LABEL EXPANSIONS (PILOT)				
Fenhexamid Minor Use pilot project	Bayer/IR-4	Elevate 50 WDG Fungicide	Fungicide for use on raspberries	April 2002

¹ Electronic submission

² Organisation for Economic Cooperation and Development dossier format

³ European Commission monograph

ACTIVE INGREDIENT	REGISTRANT	PRODUCT NAMES	USES	PROPOSED COMPLETION DATE
CURRENTLY UNDER REVIEW: GROUP 1A – REDUCED RISK JOINT REVIEWS				
None				
CURRENTLY UNDER REVIEW: GROUP 1B – NEGOTIATED REDUCED RISK CHEMICALS				
None				
CURRENTLY UNDER REVIEW: GROUP 2 – NON REDUCED RISK CHEMICALS				
None				
CURRENTLY UNDER REVIEW: GROUP 3 – NEGOTIATED JOINT REVIEWS				
Spirodiclofen ^{1,2}	Bayer	Spirodiclofen Technical	Insecticide for pome fruit, stone fruit and grapes. Import MRL/Tolerances for citrus fruit and tree nuts	Winter 2005
		Envidor 240SC Miticide		
CURRENTLY UNDER REVIEW: WORKSHARE REVIEWS				
Tolylfluanid ¹	Bayer	Tolylfluanid Technical	Inport MRL/Tolerance for imported apples, grapes, hops and tomatoes	Withdrawn
Cyazofamid	ISK Biosciences Corp	Technical Cyazofamid Fungicide	Fungicide for potatoes Reduced Risk product	TBD
		Ranman 400SC Fungicide		
Propamocarb	Bayer	Previcur N Aqueous Solution	Fungicide for field and greenhouse cucurbits, lettuce, peppers and tomatoes	TBD

¹ Electronic submission

² Organisation for Economic Cooperation and Development dossier format

PILOT PROJECTS		
TYPE OF PESTICIDE	USES	PROPOSED SUBMISSION DATE
Antimicrobial	Heavy duty wood preservative	TBD
POTENTIAL JOINT REVIEWS/WORKSHARE REVIEWS		
TYPE OF PESTICIDE	USES	PROPOSED SUBMISSION DATE
Fungicide	Barley, canola, wheat (peanuts - U.S. only)	TBD
Insecticide	Insect growth regulator for pome fruits and potatoes	TBD
Herbicide	Corn	TBD
Herbicide	Range and pastureland, rights-of-way, cereal grains	TBD
Herbicide	Barley and wheat	TBD

ACTIVE INGREDIENT	REGISTRANT	PRODUCT NAMES	USES	COMPLETION DATE
COMPLETED (REGISTERED) JOINT REVIEWS: PHEROMONES				
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				
Cydia pomonella GV	Biotepp	Cydia pomonella Granulovirus	Control of codling moths on apples	June 2000 PMRA
		Virosoft CP4 Bio-Insecticide		July 2000 USEPA
Pseudozyma flocculosa	Plant Products Co.	Pseudozyma flocculosa	Control of powdery mildew on greenhouse-grown cut roses, and English seeded cucumbers	May 2002 PMRA
		Sporodex WP Biological Fungicide		September 2002 USEPA
CURRENTLY UNDER JOINT REVIEW: MICROBIALS				
Mamestra configurata NPV	Biotepp	Mamestra configurata NPV	Control of Bertha army worm	TBD
		Virosoft BA3		
Chondrostereum purpureum	Mycologic Inc.	CP-PFC2139	Biological herbicide for control of hardwoods in right of ways and forestry	May 2004
		Chontrol Paste		
CURRENTLY UNDER JOINT REVIEW: PHEROMONES				
None				

POTENTIAL JOINT REVIEWS		
TYPE OF PESTICIDE	USES	PROPOSED SUBMISSION DATE
Microbial	For postharvest control of several decay-causing pathogens	TBD
Microbial	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