

# PMRA NEW REGISTRATION ACTIVITIES FY2007-2008

## As of June 30, 2007

### INTRODUCTION

The *PMRA New Registration Activities* report is a summary of registration decisions concerning new active ingredients, their associated end-use products, new uses for currently registered active ingredients, and emergency registrations made by the Pest Management Regulatory (PMRA) of Health Canada during the current fiscal year. This was initiated in 2006 to meet the goals of a more open and transparent pesticide regulatory system, and will be updated on a quarterly basis.

The *PMRA New Registration Activities* is published in a table format that summarizes each registration decision, including, the pesticide product's name and registration number under the *Pest Control Products Act*, registrant, pesticide type (e.g., insecticide), the specific site or host (where and on what the pesticide can be applied), and the date on which the certificate of registration was issued. The tables also identify both the major and minor crop uses registered and include a listing of emergency registrations with the organization that applied for it. Detailed label information can be obtained from the product label system found at [http://pr-rp.pmra-arla.gc.ca/portal/page?\\_pageid=34,17551&\\_dad=portal&\\_schema=PORTAL](http://pr-rp.pmra-arla.gc.ca/portal/page?_pageid=34,17551&_dad=portal&_schema=PORTAL).

Table 1: Overall Summary of Conventional Chemical, Reduced-risk (Chemical and Biopesticide) and Non-agricultural Registrations

1A: Summary of the Number of New Uses Registered

1B: Summary of the Number of New Active Ingredients Registered and Their Associated New Uses

Table 2: Listing of Conventional Chemical, Reduced-risk (Chemical and Biopesticide) and Non-agricultural Registrations (New Uses)

Table 3: Detailed Summary of Conventional Chemical, Reduced-risk (Chemical and Biopesticide) and Non-agricultural Registrations

Table 4: Listing of Emergency Registrations

### Notes:

1. A "new use" is defined as a host/site not previously registered for the active ingredient listed.
2. The overall total number of new uses includes new non-crop uses which cannot otherwise be classified as major or minor crop uses (e.g., forestry, roadsides).
3. Table 2 row shading is indicative of new active ingredient registrations and associated products.
4. Reduced-risk new uses appear in BOLD.
5. The summary numbers of new uses excludes emergency registrations.
6. PMRA's fiscal year begins on April 1st of the current calendar year and ends March 31st of the following year.

### **TABLE 1: OVERALL SUMMARY OF CONVENTIONAL CHEMICAL, REDUCED-RISK (CHEMICAL & BIOPESTICIDE) AND NON-AGRICULTURAL REGISTRATIONS**

**Table 1A - Summary of the Number of New Uses Registered**

		Major Crop Uses	Minor Crop Uses	Agricultural Uses	Non-Agricultural Uses
Total Food Uses	146	0	146	146	0
Total Non-Food Uses	83	0	62	60	23
<b>OVERALL TOTAL</b>	229	0	208	206	23

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**Table 1B - Summary of the Number of New Active Ingredients Registered and Their Associated New Uses**

Total New Actives	6 (0)
New Uses	112
Conventional chemical	1 (0)
New Uses	7
Reduced-risk chemical	0
New Uses	0
Reduced-risk biopesticide	5 (0)
New Uses	105
Antimicrobial	0
New Uses	0

(#) = Number of new active ingredients registered through joint reviews or work sharing with other countries.

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**TABLE 2: LISTING OF CONVENTIONAL CHEMICAL, REDUCED-RISK (CHEMICAL & BIOPESTICIDE) AND NON-AGRICULTURAL REGISTRATIONS (NEW USES)**

<u>Active Name</u>	<u>Pesticide Type</u>	<u>Product Name</u>	<u>Regn</u>	<u>Total # New Uses</u>	<u>Major Crop Uses</u>	<u>Minor Crop Uses</u>	<u>New Uses (Host/Site)</u>	<u>Registrant</u>	<u>Registration Date</u>
3-methyl-2-cyclohexen-1-one	Insect repellent	MCH Bubble Cap	28637	3	N/A	N/A	<i>Douglas fir trees, Spruce trees, Douglas/Spruce tree stands (Reduced-risk biopesticide)</i>	Phero Tech Inc.	12-JUN-2007
<i>Bacillus subtilis</i> QST 713	Fungicide	Serenade MAX	28549	91	0	91	<i>Asparagus, Crop Group 13 - Berry Group, Crop Group 5 - Cole Crops, Beans (adzuki, broad, dry, field, kidney, lablab, lima, moth, mung, navy, pink, pinto, rice, runner, snap, Tepary, urd, wax, yardlong, catjang, chickpea, cowpea, guar, jack), Peas (black-eyed, crowder, dwarf, edible podded, English, field, garden, green, pigeon, snow, southern, succulent, sugar snap), lentils, Crop Group 3 - Bulb Vegetables, Crop Group 9 - Cucurbits, Crop Group 8 - Fruiting Vegetables, grape, lettuce, celery, Crop Group 11 - Pome Fruit, strawberry (Reduced-risk biopesticide)</i>	Agraquest Inc.	23-APR-2007
Cellulose	Rodenticide	Rode-trol ® Rodent Control Bait for Rats	28683	4	N/A	N/A	<i>Buildings, warehouses, barns and empty feed storage areas (Reduced-risk biopesticide)</i>	Rode-Trol, LLC	28-JUN-2007
Clethodim	Herbicide	Select Emulsifiable Concentrate Post-emergence Herbicide	22625	1	0	1	Oriental mustard (oilseed)	Arysta Lifescience Corporation	09-MAY-2007
Cyhalothrin-lambda	Insecticide	Demand CS Insecticide	27428	8	N/A	N/A	Homes, apartments, hospitals, daycares, schools, nursing homes, hotels, motels	Syngenta Crop Protection Canada Inc.	07-JUN-2007

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**TABLE 2: LISTING OF CONVENTIONAL CHEMICAL, REDUCED-RISK (CHEMICAL & BIOPESTICIDE) AND NON-AGRICULTURAL REGISTRATIONS (NEW USES)**

<u>Active Name</u>	<u>Pesticide Type</u>	<u>Product Name</u>	<u>Regn</u>	<u>Total # New Uses</u>	<u>Major Crop Uses</u>	<u>Minor Crop Uses</u>	<u>New Uses (Host/Site)</u>	<u>Registrant</u>	<u>Registration Date</u>
Fludioxonil	Fungicide	Scholar 50 WP Fungicide	28568	18	0	18	Crop Group 11 - Pome Fruit: Apple, crabapple, loquat, mayhaw, pear, pear (Oriental), quince; <b>Crop Group 12 - Stone Fruit: Apricot, nectarine, peach, plum, plum (chickasaw), plum (damson), plum (Japanese), plumcot, prune (fresh), cherry (sweet), cherry (tart) (Reduced-risk chemical)</b>	Syngenta Crop Protection Canada Inc.	10-MAY-2007
Fosetyl-AI	Fungicide	Chipco Aliette T&O Fungicide	27557	25	0	25	Greenhouse, container and field-grown ornamental plants in nurseries and landscapes, plantings and conifers grown in nurseries and plantations	Bayer Cropscience Inc.	20-APR-2007
Greater Peachtree Borer Pheromone	Insecticide	Isomate-P Pheromone	27141	4	0	4	<b>Apple, pear, Hawthorne, Mountain Ash (Reduced-risk biopesticide)</b>	Pacific Biocontrol Corporation	30-MAY-2007
Imidacloprid	Insecticide	Admire 240 Flowable Systemic Insecticide	24094	1	0	1	Strawberry	Bayer Cropscience Inc.	24-APR-2007
Imidacloprid	Insecticide	Admire 240 Flowable Systemic Insecticide	24094	19	0	19	Ginseng, peach, nectarine, <u>Crop Group 5 - Brassica Leafy Vegetables</u> : broccoli, Chinese broccoli, broccoli raab, Brussels sprouts, cabbage, Chinese cabbage, Chinese mustard cabbage, cauliflower, cavolo broccolo, collards, kale, kohlrabi, mizuna, mustard greens, mustard spinach, rape greens	Bayer Cropscience Inc.	25-JUN-2007
Metalaxyl-M	Fungicide	Subdue MAXX Fungicide	27055	25	0	25	Greenhouse, container and field-grown ornamental plants in nurseries and landscapes, plantings and conifers grown in nurseries and plantations	Syngenta Crop Protection Canada Inc.	20-APR-2007
Peachtree Borer Pheromone	Insecticide	Isomate-P Pheromone	27141	4	0	4	<b>Apple, pear, Hawthorne, Mountain Ash (Reduced-risk biopesticide)</b>	Pacific Biocontrol Corporation	30-MAY-2007

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**TABLE 2: LISTING OF CONVENTIONAL CHEMICAL, REDUCED-RISK (CHEMICAL & BIOPESTICIDE) AND NON-AGRICULTURAL REGISTRATIONS (NEW USES)**

Active Name	Pesticide Type	Product Name	Regn	Total # New Uses	Major Crop Uses	Minor Crop Uses	New Uses (Host/Site)	Registrant	Registration Date
Propiconazole	Fungicide	Banner MAXX Fungicide	27003	8	0	8	Dogwood, Maple, crabapple, apple, pyracanthas, roses, azalea, rhododendron	Syngenta Crop Protection Canada Inc.	11-MAY-2007
<i>Sclerotinia minor</i> IMI 3144141	Herbicide	Sarritor Granular Biological Herbicide (Commercial)	28545	4	0	2	<b>Commercial lawns, golf courses, municipal parks, turf farms (Reduced-risk biopesticide)</b>	4260864 Canada Inc.	18-APR-2007
<i>Sclerotinia minor</i> IMI 3144141	Herbicide	Sarritor Domestic Granular Biological Herbicide	28546	1	N/A	N/A	<b>Domestic lawns (Reduced-risk biopesticide)</b>	4260864 Canada Inc.	18-APR-2007
Soap + (Pyrethrins)	Insecticide	Safer's Trounce Yard & Garden Insecticide	20564	1	N/A	N/A	Turf	Woodstream Canada Corporation	02-MAY-2007
Spinosad	Insecticide	Entrust 80 W Naturalyte Insect Control Product	27825	1	0	1	<b>Cranberry (Reduced-risk chemical)</b>	Dow Agrosiences Canada Inc.	06-JUN-2007
Spirodiclofen	Acaricide	Envidor 240SC Miticide	28051	2	0	2	Plum, prune	Bayer Cropscience Inc.	05-APR-2007
Spruce Budworm Pheromone	Insecticide	Hercon Disrupt Micro-Flake SBW Spruce Budworm Mating Disruptant	28695	2	N/A	N/A	<b>Forests and woodlands (Reduced-risk biopesticide)</b>	Aberdeen Road Company D/B/A Hercon Environmental	16-MAY-2007
Thiacloprid	Insecticide	Calypso 480 SC Insecticide	28429	7	0	7	Crop Group 11 - Pome Fruit: Apple, crabapple, loquat, mayhaw, pear, pear (Oriental), quince	Bayer Cropscience Inc.	19-APR-2007
<b>TOTAL</b>				<b>229</b>	<b>0</b>	<b>208</b>			

**LEGEND**

(ACTIVE NAME) = Product includes multiple actives, uses are not new to the active ingredients in brackets.

JR = Joint Review registration with other countries

WS = Work Share registration with other countries

\*\* = Ornamentals as a standard are counted as a minimum of 25 uses

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**TABLE 3: DETAILED SUMMARY OF CONVENTIONAL CHEMICAL, REDUCED-RISK (CHEMICAL & BIOPESTICIDE) AND NON-AGRICULTURAL REGISTRATIONS**

		Major Crop Uses	Minor Crop Uses	Agricultural Uses	Non-Agricultural Uses
<b>Total Food Uses</b>	<b>146</b>	<b>0</b>	<b>146</b>	<b>146</b>	<b>0</b>
Reduced-risk biopesticide	95	0	95	95	0
Reduced-risk chemical	12	0	12	12	0
Conventional chemical	39	0	39	39	0
Antimicrobial	0	0	0	0	0
<b>Total Non-Food Uses</b>	<b>83</b>	<b>0</b>	<b>62</b>	<b>60</b>	<b>23</b>
Reduced-risk biopesticide	18	0	6	4	14
Reduced-risk chemical	0	0	0	0	0
Conventional chemical	65	0	56	56	9
Antimicrobial	0	0	0	0	0
<b>OVERALL TOTAL</b>	<b>229</b>	<b>0</b>	<b>208</b>	<b>206</b>	<b>23</b>

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**TABLE 4: LISTING OF EMERGENCY REGISTRATIONS**

<u>Active Name</u>	<u>Pesticide Type</u>	<u>Product Name</u>	<u>Regn</u>	<u>Registrant</u>	<u>Sponsoring Province(s)</u>	<u>Host/Site - Pest</u>	<u>Applicant</u>	<u>Use Time Interval</u>	<u>Registration Date</u>
Carbofuran	Insecticide	Furadan 480F Systemic Liquid Insecticide	10828	Bayer Cropscience Inc.	British Columbia	Turnips and rutabagas - Cabbage root maggot	British Columbia Ministry of Agriculture, Food and Fisheries	Until August 31, 2007	03-APRIL-2007
Carbofuran	Insecticide	Furadan 480F Systemic Liquid Insecticide	10828	Bayer Cropscience Inc.	Nova Scotia	Turnips and rutabagas - Wireworm	Nova Scotia Agriculture Resource Stewardship Division	Until August 31, 2007	23-MAY-2007
Clethodim	Herbicide	Select Emulsifiable Concentrate Post-Emergence Herbicide	22625	Arysta Lifescience Corporation	Quebec	Red garden beet Grassy weeds	Ministère de l'Agriculture, des Pêcheries et de l'Alimentation du Québec	Until August 31, 2007	30-MAY-2007
Clomazone	Herbicide	Command 360 ME	27827	FMC Corporation	Ontario, Quebec	Field cucumber, watermelon, muskmelon, squash, processing pumpkin - Labelled weeds	Ontario Ministry of Agriculture, Food and Rural Affairs	Until August 31, 2007	27-APRIL-2007
Cymoxanil + Famoxadone	Fungicide	Tanos 50DF Fungicide	27435	E.I. Du Pont Canada Company	Ontario, Quebec, New Brunswick, Prince Edward Island, Nova Scotia	Field cucumber, melon, pumpkin, squash - Downy mildew	Ministère de l'Agriculture, des Pêcheries et de l'Alimentation du Québec	Until October 31, 2007	25-MAY-2007
Cyprodinil + Fludioxonil	Fungicide	Switch 62.5 WG Fungicide	28189	Syngenta Crop Protection Canada Inc.	Ontario	Greenhouse broccoli, cauliflower transplants - <i>Alternaria</i> leaf blight	Ontario Ministry of Agriculture and Food	Until March 31, 2008	20-APRIL-2007

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Imidacloprid	Insecticide	Confidor 200 SL Systemic Insecticide	28132	Bayer Cropscience Inc.	Alberta	Ash tree - Cottony ash psyllid; Elm tree - European elm scale	City of Calgary - Parks and Recreation	Until August 31, 2007	27-APRIL-2007
Mesotrione	Herbicide	Callisto 480SC Herbicide	27833	Syngenta Crop Protection Canada Inc.	British Columbia	Bearing cranberry beds - Labelled weeds including creeping buttercup and vetch spp.	British Columbia Ministry of Agriculture and Lands	Until December 31, 2007	03-APRIL-2007
Mesotrione	Herbicide	Callisto 480SC Herbicide	27833	Syngenta Crop Protection Canada Inc.	New Brunswick, Nova Scotia, Prince Edward Island	Established non-bearing lowbush blueberry - Labelled broadleaved weeds	New Brunswick Department of Agriculture, Fisheries and Aquaculture	Until December 31, 2007	16-APRIL-2007
Propamocarb + Chlorothalonil	Fungicide	Tattoo C Suspension Concentrate Fungicide	24544	Bayer Cropscience Inc.	Ontario, Quebec, New Brunswick, Prince Edward Island, Nova Scotia	Field cucumber, melon, pumpkin, squash - Downy mildew	Ontario Ministry of Agriculture and Food	Until October 31, 2007	27-MAY-2007
Pymetrozine	Insecticide	Fulfill 50WG Insecticide	27274	Syngenta Crop Protection Canada Inc.	British Columbia	Highbush blueberry - Aphids	British Columbia Ministry of Agriculture and Lands	Until September 30, 2007	05-APRIL-2007