



# Reduced-Risk Update

RR2005-02

## Update on Reduced-Risk Pesticides in Canada

The purpose of this document is to provide stakeholders with information on the registration of reduced-risk pest control products and uses in Canada. The reduced-risk designation is provided to uses of active ingredients that are registered through the North American Free Trade Agreement (NAFTA) Joint Review Program for Reduced-Risk Pesticides (*Updated Procedures for Joint Review of Chemical Pesticides*, March 2002) and the Pest Management Regulatory Agency (PMRA) Initiative for Reduced-Risk Pesticides (Regulatory Directive [DIR2002-02](#)). This designation includes products registered in Canada for which reduced-risk designation was received in the United States.

This document presents the reduced-risk chemical active ingredients and uses currently registered in Canada, reduced-risk chemical active ingredients registered or pending registration in Canada and in the United States, as well as biopesticides registered in Canada. This document also provides the percentage of reduced-risk chemical active ingredients currently registered or pending registration in Canada as compared to the United States. The tables will be updated on a regular basis.

*(publié aussi en français)*

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## Overview

The PMRA recognizes the need to encourage registration of new reduced-risk pesticides and has acted upon a government commitment to pursue harmonization as one of the key means of achieving efficiencies and facilitating access to new lower-risk technology. To facilitate the registration of reduced-risk pesticides, the PMRA, the United States Environmental Protection Agency (USEPA) and pesticide regulatory agencies in Mexico collaborated to establish the Joint Review Program for Reduced-Risk Chemicals in 1996, under the NAFTA Technical Working Group on Pesticides.

Expanding upon the Joint Review program, the PMRA put in place the Initiative for Reduced Risk Pesticides ([DIR2002-02](#)) to encourage pesticide manufacturers to apply for Canadian registration of reduced-risk products that are currently available in the United States. This program provides an expedited timeframe for the registration of products that qualify as reduced risk. Under this program, the PMRA uses the same criteria as the USEPA to determine eligibility of chemicals for the reduced-risk program and recognizes the USEPA's biopesticide designation.

The reduced-risk designation does not imply that a product exhibits no risk. A reduced-risk pesticide may have a slightly improved risk profile when compared to other registered pesticides with the same use pattern. Expedited review times for reduced-risk products do not compromise Canadian health and environmental safety standards as all pesticides under consideration must undergo a thorough evaluation and risk assessment. Registration of a pesticide is considered only if the health and environmental risks are acceptable and if the product is effective.

This document presents the reduced-risk chemical active ingredients and uses currently registered in Canada (Table 1), reduced-risk chemical active ingredients registered or pending registration in Canada and in the United States (Table 2) as well as biopesticides registered in Canada (Table 3). This document also provides the percentage of reduced-risk chemical active ingredients currently registered or pending registration as compared to the United States (Table 2). These tables will be updated on a regular basis.

**Table 1 Reduced-risk Chemical Active Ingredients, End-use Products and Uses Registered in Canada (31 March 2005)**

Refer to <http://eddenet.pmra-arla.gc.ca/4.0/4.01.asp> to view full label information.

Reduced-risk Chemical	# of Products	Product Name	Registration #	Uses
Acetamiprid	4	Pristine RTU (Domestic)	27126	Amaranth leafy
				Apple
				Arugula
				Broccoli
				Broccoli (Chinese)
				Broccoli raab
				Brussel sprout
				Cabbage
				Cabbage (Chinese, bok choy)
				Cabbage (Chinese mustard, gai choy)
				Cabbage (Chinese, napa)
				Cardoon
				Cauliflower
				Cavalo broccolo
				Celery
				Celery (Chinese)
				Celtuce
				Chevril
				Chrysanthemum (edible leaved)
				Chrysanthemum (garland)
				Citrus (dried pulp)
				Collards
				Corn Salad
				Crabapple
				Cress (garland)
				Cress (upland)
				Dandelion leaves
				Dock
				Endive
				Florence fennel
Flowers				
Kale				
Kohlrabi				
Lettuce (head)				
Lettuce (leaf)				
Mizuna				

Reduced-risk Chemical	# of Products	Product Name	Registration #	Uses
Acetamiprid [cont'd]				Mustard greens
				Mustard spinach
				Orach
				Ornamentals
				Parsley leaves
				Pear
				Pear (Oriental)
				Purslane (garden)
				Purslane (winter)
				Quince
				Radicchio
				Rape greens
				Rhubarb
				Spinach
				Spinach (New Zealand)
	Spinach (vine)			
	Swiss chard			
	Tomato (field)			
		Tristar 70 WSP	27127	Flowers
				Ornamentals
		Assail 70 WP	27128	Amaranth leafy
				Apple
				Arugula
				Broccoli
				Broccoli (Chinese)
				Broccoli raab
				Brussel sprout
				Cabbage
				Cabbage (Chinese, bok choy)
				Cabbage (Chinese mustard, gai choy)
				Cabbage (Chinese, napa)
				Cardoon
				Cauliflower
			Cavalo broccolo	
			Celery	
			Celery (Chinese)	
			Celtuce	
			Chevril	
			Chrysanthemum (edible leaved)	
			Chrysanthemum (garland)	
			Citrus (dried pulp)	
			Collards	

Reduced-risk Chemical	# of Products	Product Name	Registration #	Uses
Acetamiprid [cont'd]				Corn salad
				Crabapple
				Cress (garland)
				Cress (upland)
				Dandelion leaves
				Dock
				Endive
				Florence fennel
				Grape
				Kale
				Kohlrabi
				Lettuce (head)
				Lettuce (leaf)
				Mizuna
				Mustard greens
				Mustard spinach
				Orach
				Parsley leaves
				Pear
				Pear (Oriental)
				Purslane (garden)
				Purslane (winter)
				Quince
				Radicchio
				Rape Greens
				Rhubarb
				Spinach
Spinach (New Zealand)				
Spinach (vine)				
Swiss chard				
Tomato (field)				
		Assail 70 WP Seed Treatment	27286	Canola seed
				Mustard seed
Azoxystrobin	5	Quadris	26151	Canola
		Quadris Flowable	26153	Bean (adzuki)
				Bean (broad, dry)
				Bean (field)
				Bean (kidney)
				Bean (lima, dry)
				Bean (mung)
				Bean (navy)
Bean (pinto)				

Reduced-risk Chemical	# of Products	Product Name	Registration #	Uses		
Azoxystrobin [cont'd]				Canola		
				Chickpea		
				Corn seed		
				Filbert		
				Ginseng		
				Hazelnut		
				Lentil		
				Lupin (grain)		
				Lupin (sweet)		
				Lupin (white sweet)		
Azoxystrobin [cont'd]				Lupin (white)		
				Pea (field)		
				Pea (pigeon)		
				Potato		
Azoxystrobin [cont'd]				Tomato (field)		
				Abound 80 WG	26154	Grape
				Heritage	26155	Turf
Azoxystrobin [cont'd]				Abound Flowable	26536	Grape
				Bifenazate	2	Floramite SC
Bifenazate	2			Acramite 50 WS	27925	Apple
				Grape		
Boscalid (BAS 510F)	2	Lance WDG (BAS 510 02 F)	27495	Apricot		
				Bean (adzuki)		
				Bean (asparagus)		
				Bean (black)		
				Bean (broad, dry)		
				Bean (broad, succulent)		
				Bean (cranberry)		
				Bean (field)		
				Bean (kidney)		
				Bean (lima, dry)		
				Bean (lima, green)		
				Bean (moth)		
				Bean (mung)		
				Bean (navy)		
				Bean (pink)		
				Bean (pinto)		
				Bean (podded)		
Bean (rice)						
Bean (runner)						
Bean (snap)						

Reduced-risk Chemical	# of Products	Product Name	Registration #	Uses
Boscalid (BAS 510F) [cont'd]				Bean (teparty)
				Bean (urd)
				Bean (wax)
				Bean (yardlong)
				Blackberry
				Blackeyed pea
				Blueberry (highbush and lowbush)
				Canola
				Carrot
				Catang
				Cherry (ground)
				Cherry (sweet and tart)
				Chickpea
				Cowpea
				Currant
				Eggplant
				Elderberry
				Garlic
				Garlic (great-headed)
				Gooseberry
				Grape
				Huckleberry
				Jackbean
				Leek
				Lentil
				Lettuce (field—head and leaf)
				Loganberry
				Longbean (Chinese)
				Lupin (grain)
				Lupin (sweet)
				Lupin (white)
				Lupin (white sweet)
				Nectarine
				Onion (dry bulb and green)
				Onion (Welch)
				Pea (Crowder)
				Pea (southern)
				Peach
				Pepino
				Pepper (bell)
Pepper (chili)				



Reduced-risk Chemical	# of Products	Product Name	Registration #	Uses
Boscalid (BAS 510F) [cont'd]				Pepper (cooking)
				Pepper (field)
				Pepper (sweet)
				Pimento
				Plum
				Plum (chickasaw)
				Plum (damson)
				Plum (Japanese)
				Plumcot
				Potato
				Prune
				Raspberry (black and red)
				Shallot
				Strawberry
Tomatillo				
Tomato (field)				
		Cadence WDG (BAS 510 02 F Turf)	27496	Turf
Cyprodinil	2	Vangard 75 WG	25509	Apple
				Apricot
				Grape
				Nectarine
				Peach
				Plum
				Prune
		Vangard 75 WP	25577	Apple
				Apricot
				Grape
				Nectarine
				Peach
				Plum
				Prune
Diflufenzopyr	2	Distinct Herbicide (Agricultural)	25811	Corn (field)
		Distinct WDG	26406	Corn (field)
Fenamidone	1	Reason 500 SC	27462	Potato
Fenhexamid	2	Elevate 50 WDG	25900	Cherry
				Grape
				Nectarine

Reduced-risk Chemical	# of Products	Product Name	Registration #	Uses
Fenhexamid [cont'd]		Decree 50 WDG	26132	Peach
				Strawberry
				Flowers
				Lettuce (greenhouse)
				Ornamentals
				Tomato (greenhouse)
Fluazinam	1	Allegra 500 F	27517	Potato
Flucarbazone sodium	3	Everest 70 DF	26447	Wheat (durum)
				Wheat (spring)
		Everest Solupak 70 DF	26448	Wheat (durum)
				Wheat (spring)
Florasulam F	27240	Wheat (Spring)		
Fludioxonil	5	Maxim 480 FS Seed Treatment	24732	Corn (field) seed
				Corn (sweet) seed
				Popcorn seed
				Soybean seed
		Maxim PSP Potato Seed Protectant	26647	Potato seed
		Maxim 480 FS Colourless Seed Treatment	27001	Amaranth (Chinese)
				Amaranth (leafy)
				Amaranth (spinach)
				Amaranth (tampala)
				Artichoke (Chinese)
				Artichoke (Jerusalem)
				Barley seed
				Bean (adzuki)
				Bean (asparagus)
				Bean (broad)
				Bean (field)
				Bean (kidney)
				Bean (lablab)
				Bean (lima)
				Bean (moth)
Bean (mung)				
Bean (navy)				
Bean (pinto)				
Bean (rice)				
Bean (runner)				
Bean (snap)				

Reduced-risk Chemical	# of Products	Product Name	Registration #	Uses
Fludioxonil [cont'd]				Bean (sword)
				Bean (tepyary)
				Bean (urd)
				Bean (wax)
				Bean (yardlong)
				Blackeyed pea
				Broccoli
				Broccoli (Chinese)
				Broccoli (raab)
				Brussel sprout
				Buckwheat seed
				Burdock (edible)
				Cabbage
				Cabbage (Chinese, bok choy)
				Cabbage (Chinese, mustard)
				Cabbage (Chinese, napa)
				Carrot
				Cassava
				Catjang
				Celery
				Celery (Chinese)
				Celery (root)
				Celtuce
				Chervil
				Chickpea
				Chicory
				Chinese waxgourd
				Citron melon
				Collards
				Corn (field) seed
				Corn salad
				Corn (sweet) seed
				Cowpea
				Cress (garden)
				Cress (upland)
				Cucumber
				Dandelion
				Dock
				Eggplant seed
				Endive

Reduced-risk Chemical	# of Products	Product Name	Registration #	Uses
Fludioxonil [cont'd]				Fennel (finocchio)
				Garlic seed
				Garlic (great headed)
				Gherkin
				Ginger
				Gourd edible
				Gourd edible (Chinese okra)
				Gourd edible (cucuzza)
				Gourd edible (hechima)
				Gourd edible (hyotan)
				Grain sorghum seed
				Guar
				Herbs and spices seed
				Horseradish
				Jackbean
				Kale
				Kohlrabi
				Leek seed
				Lentil
				Lettuce (head and leaf)
				Longbean (Chinese)
				Lupin (grain)
				Lupin (sweet)
				Lupin (white)
				Millet (pearl) seed
				Millet (proso) seed
				Momordica
				Muskmelon (all)
				Mustard greens
				Mustard spinach
				Oat seed
				Onion (dry bulb and green) seed
				Onion welch seed
Parsley				
Parsnip				
Pea (crowder)				
Pea (dwarf)				
Pea (edible-pod)				
Pea (English)				
Pea (field)				

Reduced-risk Chemical	# of Products	Product Name	Registration #	Uses
Fludioxonil [cont'd]				Pea (garden)
				Pea (green)
				Pea (pigeon)
				Pea (snow)
				Pea (southern)
				Pea (sugar snap)
				Peanut seed
				Pepper
				Pepper (bell) seed
				Pepper (chili) seed
				Pepper (cooking) seed
				Pepper (pimento) seed
				Pepper (sweet) seed
				Popcorn seed
				Pumpkin
				Purslane (garden)
				Purslane (winter)
				Raddicchio
				Radish
				Radish (Oriental)
				Rape greens
				Rapeseed
				Rhubarb
				Rice (wild)
				Rutabaga
				Rye seed
				Salsify (black)
				Salsify (oyster)
				Salsify (spinach)
				Shallot seed
				Soybean seed
				Spinach
				Spinach (New Zealand)
				Spinach (vine)
Squash (all)				
Sunflower seed				
Swiss chard				
Triticale seed				
Tomato seed				
Turnip				

Reduced-risk Chemical	# of Products	Product Name	Registration #	Uses
Fludioxonil [cont'd]				Watermelon
				Wheat
		Maxim XL Seed Treatment	27071	Corn (field)
				Corn (sweet)
				Popcorn
		Apron Maxx RTA	27577	Bean (cranberry)
				Bean (dark red kidney)
				Bean (light red kidney)
				Bean (white)
				Chickpea
				Lentil
				Pea (dry)
				Pea (field)
Soybean				
Glyphosate (glyphosate acid)	13	Roundup Original	13644	Apple
				Bean (dry)
				Canola
				Cherry (sour)
				Cherry (sweet)
				Corn
				Flax
				Forage
				Lentil
				Non-cropland areas
				Pea
				Plum
				Soybean
		Turf		
		Wheat		
		Roundup Quik Stik (Domestic)	23786	Lawn
		Touchdown DG	24460	Apple
				Cherry (sour)
				Cherry (sweet)
				Forage grass
Forage legume				
Plum				
Roundup Dry	24874	Apple		
		Bean (dry)		

Reduced-risk Chemical	# of Products	Product Name	Registration #	Uses	
Glyphosate (glyphosate acid) [cont'd]				Canola	
				Cherry (sour)	
				Cherry (sweet)	
				Corn (field)	
				Corn (sweet)	
				Flax	
				Forage establishment	
				Lentil	
				Non-cropland areas	
				Ornamentals (woody)	
				Pea	
				Pea (field)	
				Plum	
				Soybean	
				Wheat	
	Roundup Renew			24985	Bean (dry)
					Canola
					Flax
					Forage
					Lentil
					Pea
					Soybean
					Wheat
	Roundup Transorb			25344	Apple
					Bean (dry)
					Canola
					Canola (rapeseed)
					Cherry (sour)
					Cherry (sweet)
					Chickpea
					Corn (field)
					Corn (sweet)
					Flax
Forage (grass)					
Forage (legumes)					
Lentil					
Nursery stock (woody ornamentals)					
Pea (field)					
Plum					
Recreational					

Reduced-risk Chemical	# of Products	Product Name	Registration #	Uses	
Glyphosate (glyphosate acid) [cont'd]				Rights-of-way	
				Shelterbelts	
				Soybean	
				Wheat (winter)	
		Ipc0 Roundup Transorb	25455		Apple
					Bean (dry)
					Canola
					Cherry (sour)
					Cherry (sweet)
					Flax
					Forage
					Lentil
					Non-cropland areas
					Pea
					Plum
					Soybean
					Turf
					Wheat
		Wheat (winter)			
		Nufarm Credit	25866		Apple
					Bean (dry)
					Canola
					Cherry (sour)
					Cherry (sweet)
					Flax
					Forage
					Lentil
					Non-cropland areas
					Pea
					Plum
Soybean					
Turf					
Wheat					
MON 77569	26917		Apple		
			Bean (dry)		
			Canola		
			Cherry (sour)		
			Cherry (sweet)		
				Corn	



Reduced-risk Chemical	# of Products	Product Name	Registration #	Uses
Glyphosate (glyphosate acid) [cont'd]				Flax Forage Lentil Non-cropland areas Pea Plum Soybean Turf Wheat
		MON 78077	26918	Apple Bean (dry) Canola Cherry (sour) Cherry (sweet) Corn Flax Forage Lentil Non-cropland areas Pea Plum Soybean Turf Wheat
		MON 78112	26964	Apple Bean (dry) Canola Cherry (sour) Cherry (sweet) Corn Flax Forage Lentil Non-cropland areas Pea Plum Soybean Turf Wheat

Reduced-risk Chemical	# of Products	Product Name	Registration #	Uses
Glyphosate (glyphosate acid) [cont'd]	MON 78754	27041	Apple	
			Bean (dry)	
			Canola	
			Cherry (sour)	
			Cherry (sweet)	
			Corn	
			Flax	
			Forage	
			Lentil	
			Non-cropland areas	
			Pea	
			Plum	
			Soybean	
			Turf	
	Wheat			
	Touchdown IQ	27192	Apple	
			Bean (dry)	
			Bean (white)	
			Canola	
			Cherry (sour)	
			Cherry (sweet)	
			Chickpea	
			Corn (field)	
			Corn (sweet)	
			Flax	
			Forage (grass)	
			Forage (legumes)	
Forage (seed)				
Lentil				
Pea (field)				
Plum				
Soybean				
Wheat (spring)				
Wheat (winter)				
Glyphosate (mono-ammonium salt)	5	Roundup Dry	23084	Apple
				Bean (dry)
				Canola
				Cherry (sour)
				Cherry (sweet)

Reduced-risk Chemical	# of Products	Product Name	Registration #	Uses
Glyphosate (mono-ammonium salt) [cont'd]				Corn
				Flax
				Forage
				Lentil
				Non-cropland areas
				Pea
				Plum
				Soybean
				Turf
				Wheat
		Roundup Dry-Pak	23723	Turf
		Roundup Dry	23857	Apple
				Bean (dry)
				Canola
				Cherry (sour)
				Cherry (sweet)
				Corn
				Flax
				Forage
				Lentil
				Non-cropland areas
				Pea
				Plum
				Soybean
		Turf		
		Wheat		
		Roundup Renew	24708	Bean (dry)
				Canola
Corn				
Flax				
Forage grass				
Legume				
Lentil				
Pea				
Soybean				
Wheat				
MON 78015	27018	Apple		
		Bean (dry)		

Reduced-risk Chemical	# of Products	Product Name	Registration #	Uses
Glyphosate (mono-ammonium salt) [cont'd]				Canola
				Cherry (sour)
				Cherry (sweet)
				Corn (field)
				Flax
				Forage
				Lentil
				Non-cropland areas
				Pea
				Plum
				Soybean
				Turf
Wheat				
Glyphosate (isopropylamine salt)	61	Vision Silviculture	19899	Forestry
				Woodlands
		Wrangler	20862	Apple
				Bean (dry)
				Canola
				Cherry (sour)
				Cherry (sweet)
				Corn
				Flax
				Forage
				Lentil
				Pea
				Plum
				Soybean
		Wheat		
		Laredo	20863	Apple
				Bean (dry)
				Canola
				Cherry (sour)
				Cherry (sweet)
				Corn
Flax				
Forage				
Lentil				
Pea				

Reduced-risk Chemical	# of Products	Product Name	Registration #	Uses
Glyphosate (isopropylamine salt) [cont'd]				Plum
				Soybean
				Wheat
		Renegade	20864	Apple
				Bean (dry)
				Canola
				Cherry (sour)
				Cherry (sweet)
				Corn
				Flax
				Forage
				Lentil
				Pea
				Plum
				Soybean
				Wheat
		IpcO Roundup Original	20865	Apple
				Bean (dry)
				Canola
				Cherry (sour)
				Cherry (sweet)
				Corn
				Flax
				Forage
				Lentil
				Non-cropland areas
				Pea
				Plum
				Soybean
				Turf
		Wheat		
EZJECT	21262	Forestry		
		Non-cropland areas		
Expedite	21593	Non-cropland areas		
Gel Cap-G	21992	Forestry		
		Non-cropland areas		
Manage 780	22412	Apple		
		Bean (dry)		
		Canola		
		Cherry (sour)		

Reduced-risk Chemical	# of Products	Product Name	Registration #	Uses
Glyphosate (isopropylamine salt) [cont'd]				Cherry (sweet)
				Corn
				Flax
				Forage
				Lentil
				Non-cropland areas
				Pea
				Plum
				Soybean
				Turf
				Wheat
	Roundup Concentrate (Domestic)	22627		Lawn
				Non-cropland areas
	Roundup Super Concentrated (Domestic)	22759		Lawn
				Non-cropland areas
	Victor	22806		Apple
				Bean (dry)
				Canola
				Cherry (sour)
				Cherry (sweet)
				Corn
				Flax
				Forage
				Lentil
				Non-cropland areas
				Pea
				Plum
				Soybean
				Turf
	Wheat			
	Roundup Ready-to-use Non-selective (Domestic)	22807		Lawn
				Non-cropland areas
	Roundup Ready-to-use Grass & Weed (Domestic)	24299		Lawn
Non-cropland areas				
Glyfos	24359		Apple	
			Bean (dry)	
			Canola	

Reduced-risk Chemical	# of Products	Product Name	Registration #	Uses
Glyphosate (isopropylamine salt) [cont'd]				Cherry (sour) Cherry (sweet) Corn Flax Forage grass Forage legume Lentil Non-cropland areas Pea Plum Soybean Turf Wheat
		Vantage Plus	26171	Apple Bean (dry) Canola Cherry (sour) Cherry (sweet) Corn Flax Forage grass Forage legume Lentil Non-cropland areas Pea Plum Soybean Turf Wheat
		Vantage	26172	Apple Bean (dry) Canola Cherry (sour) Cherry (sweet) Corn Flax Forage grass Forage legume Lentil Non-cropland areas

Reduced-risk Chemical	# of Products	Product Name	Registration #	Uses
Glyphosate (isopropylamine salt) [cont'd]				Pea
				Plum
				Soybean
				Turf
				Wheat
		Roundup Ready-to-use Pull'n Spray (Domestic)	26263	Lawn
				Non-cropland areas
		Maverick	26429	Apple
				Bean (dry)
				Canola
				Cherry (sour)
				Cherry (sweet)
				Corn
				Flax
				Forage
				Lentil
				Non-cropland areas
				Pea
				Plum
				Soybean
		Turf		
		Wheat		
		Glyphos 143 Concentrate (Domestic)	26609	Lawn
Non-cropland areas				
TotalEx (Domestic)	26609.01	Lawn		
		Recreational areas		
		Rights-of-way		
		Shrub		
		Trees		
Glyphos 7 (Domestic)	26610	Lawn		
		Non-cropland areas		
TotalEx Ready-to-Use (Domestic)	26610.01	Lawn		
		Recreational areas		
		Rights-of-way		
		Shrub		
		Trees		
Eclipse B	26634	Canola		



Reduced-risk Chemical	# of Products	Product Name	Registration #	Uses	
Glyphosate (isopropylamine salt) [cont'd]		Nufarm Credit TMP	26704	Apple	
				Bean (dry)	
				Canola	
				Cherry (sour)	
				Cherry (sweet)	
				Corn	
				Flax	
				Forage	
				Lentil	
				Pea	
				Plum	
				Soybean	
				Wheat	
			Nufarm Razor TMP	26706	Non-cropland areas
					Turf
			Nufarm Razor	26707	Non-cropland areas
					Turf
			TotalEx (Domestic)	26827.01	Lawn
					Recreational areas
					Rights-of-way
					Shrub
			Cheminova	26828	Apple
					Bean (dry)
					Canola
					Cherry (sour)
					Cherry (sweet)
					Flax
Forage grass					
Forage legume					
Legumes					
Lentil					
Non-cropland uses					
Pea					
Plum					
Soybean					
Turf					
Wheat					

Reduced-risk Chemical	# of Products	Product Name	Registration #	Uses	
Glyphosate (isopropylamine salt) [cont'd]		Glyphosate Herbicide	26846	Apple	
				Bean (dry)	
				Canola	
				Cherry (sour)	
				Cherry (sweet)	
				Flax	
				Forage grass	
				Forage legume	
				Legumes	
				Lentil	
				Non-cropland uses	
				Pea	
				Plum	
	Soybean				
	Turf				
	Wheat				
			Vantage Forestry	26884	Forestry
			MON 77280	26916	Apple
	Bean (dry)				
	Canola				
	Cherry (sour)				
	Cherry (sweet)				
	Corn				
	Flax				
	Forage				
	Lentil				
	Non-cropland areas				
	Pea				
	Plum				
	Soybean				
	Turf				
	Wheat				
			Roundup Tansorb Max	26920	Apple
				Bean (dry)	
				Canola	
				Cherry (sour)	
				Cherry (sweet)	
				Corn	
				Flax	
				Forage	

Reduced-risk Chemical	# of Products	Product Name	Registration #	Uses
Glyphosate (isopropylamine salt) [cont'd]				Lentil
				Non-cropland areas
				Pea
				Plum
				Soybean
				Turf
				Wheat
		Co-op Glyphosate Ready-to-Use (Domestic)	27006	Lawn
				Non-cropland uses
		Co-op Control® Super Concentrate Glyphosate (Domestic)	27007	Lawn
				Non-cropland uses
		Co-op Glyphosate Concentrate (Domestic)	27012	Lawn
		Grass & Weed Killer Ready to use (Domestic)	27013	Lawn
				Non-cropland uses
		Grass & Weed Killer Concentrate (Domestic)	27014	Lawn
				Non-cropland uses
		Grass & Weed Killer Super Concentrate (Domestic)	27015	Lawn
				Non-cropland uses
		Ipcó Factor	27090	Apple
				Bean (dry)
				Canola
				Cherry (sour)
				Cherry (sweet)
		Corn		
		Flax		
		Forage		
		Lentil		
		Pea		
		Plum		
		Soybean		
		Wheat		
Weedaway Factor	27104	Apple		
		Bean (dry)		
		Canola		
		Cherry (sour)		

Reduced-risk Chemical	# of Products	Product Name	Registration #	Uses
Glyphosate (isopropylamine salt) [cont'd]				Cherry (sweet)
				Corn
				Flax
				Forage
				Lentil
				Pea
				Plum
				Soybean
				Wheat
	Catena	27199	Non-cropland uses	
			Turf	
	Glyfos AU	27287	Apple	
			Bean (dry)	
			Canola	
			Cherry (sour)	
			Cherry (sweet)	
			Corn	
			Flax	
			Forage grass	
			Forage legume	
			Lentil	
			Non-cropland uses	
			Pea	
			Plum	
			Soybean	
			Turf	
			Wheat	
	Glyphosate 18% (Domestic)	27351	Non-cropland uses	
			Turf	
	Glyphosate 0.96% (Domestic)	27352	Non-cropland uses	
			Turf	
Prepass B	27394	Wheat (spring)		
Laredo	27405	Apple		
		Bean (dry)		
		Canola		
		Cherry (sour)		
		Cherry (sweet)		
		Corn		
		Flax		
		Forage		

Reduced-risk Chemical	# of Products	Product Name	Registration #	Uses
Glyphosate (isopropylamine salt) [cont'd]				Lentil
				Pea
				Plum
				Soybean
				Wheat
		Roundup Original 360	27457	Apple
				Bean (dry)
				Canola
				Cherry (sour)
				Cherry (sweet)
				Corn
				Flax
				Forage
				Lentil
				Non-cropland uses
				Pea
				Plum
				Soybean
				Turf
		Wheat		
		Roundup Ready to use Non-selective (Domestic)	27460	Non-cropland uses
				Turf
		MON 78460	27486	Apple
				Bean (dry)
				Canola
				Canola (rapeseed)
				Cherry (sour)
				Cherry (sweet)
				Chickpea
				Corn (field)
				Corn (sweet)
				Flax
				Forage
Lentil				
Nursery stock (woody ornamental)				
Pea (field)				
Plum				
Recreational				
Rights-of-way				

Reduced-risk Chemical	# of Products	Product Name	Registration #	Uses	
Glyphosate (isopropylamine salt) [cont'd]				Shelterbelts	
				Soybean	
				Turf grass renovation	
				Wheat (winter)	
		Roundup Weathermax	27487		Apple
					Bean (dry)
					Canola
					Cherry (sour)
					Cherry (sweet)
					Corn
					Flax
					Forage
					Lentil
					Non-cropland uses
					Pea
					Plum
					Soybean
					Turf
		Wheat			
		MON 78271	27488		Apple
					Bean (dry)
					Canola
					Cherry (sour)
					Cherry (sweet)
					Corn
					Flax
					Forage
Lentil					
Non-cropland uses					
Pea					
Plum					
Soybean					
Turf					
Wheat					
Roundup Ready-to-use Pull'n Spray (Domestic)	27506		Non-cropland uses		
			Turf		
			Vegetable gardens		

Reduced-risk Chemical	# of Products	Product Name	Registration #	Uses	
Glyphosate (isopropylamine salt) [cont'd]		Roundup Ready-to-use Pull'n Spray Foam (Domestic)	27507	Non-cropland uses	
				Turf	
				Vegetable gardens	
			Vantage Plus Max	27615	Apple
					Bean (dry)
					Canola
					Cherry (sour)
					Cherry (sweet)
					Corn
					Flax
					Forage
					Lentil
					Non-cropland uses
					Pea
					Plum
					Soybean
					Turf
	Wheat				
			Roundup Ultra	27707	Apple
					Bean (dry)
					Canola
					Cherry (sour)
					Cherry (sweet)
					Corn
					Flax
					Forage
					Lentil
Non-cropland uses					
Pea					
Plum					
Soybean					
Turf					
Wheat					
		Roundup Max	27763	Apple	
				Bean (dry)	
				Canola	
				Cherry (sour)	
				Cherry (sweet)	
				Flax	

Reduced-risk Chemical	# of Products	Product Name	Registration #	Uses	
Glyphosate (isopropylamine salt) [cont'd]				Forage	
				Lentil	
				Non-cropland uses	
				Pea	
				Plum	
				Soybean	
				Turf	
				Wheat	
		Roundup Ultra Liquid	27764		Apple
					Bean (dry)
					Canola
					Cherry (sour)
					Cherry (sweet)
					Corn
					Flax
					Forage
					Lentil
					Non-cropland uses
					Pea
					Plum
					Soybean
					Turf
		Wheat			
		Deputy Liquid Herbicide	27772		Apple
					Bean (dry)
					Canola
					Canola (rapeseed)
					Cherry
					Corn
					Flax
Forage					
Lentil					
Pea					
Plum					
Soybean					
Tree plantings					
Wheat					



Reduced-risk Chemical	# of Products	Product Name	Registration #	Uses	
Glyphosate (isopropylamine salt) [cont'd]		Laredo Plus	27810	Apple	
				Bean (dry)	
				Canola (rapeseed)	
				Cherry	
				Corn	
				Flax	
				Forage	
				Lentil	
				Non-cropland (industrial)	
				Non-cropland (public areas)	
				Non-cropland (recreational)	
				Non-cropland (rights-of-way)	
				Non-cropland (turf grass renovation)	
				Pea	
		Plum			
		Soybean			
		Tree plantings			
		Wheat			
		Credit Plus		27950	Apple
					Bean (dry)
					Canola (rapeseed)
					Cherry
					Corn
					Flax
					Forage
					Lentil
Non-cropland (industrial)					
Non-cropland (public areas)					
Non-cropland (recreational)					
Non-cropland (rights-of-way)					
Non-cropland (turf grass renovation)					
Pea					
Plum					
Soybean					
Tree plantings					
Wheat					
Glyphosate (potassium salt)	1	Vision Max Silviculture	27736	Forest	
				Woodland	

Reduced-risk Chemical	# of Products	Product Name	Registration #	Uses					
Glyphosate (trimethylsulfonium salt)	5	Touchdown 480	23971	Apple					
				Cherry (sour)					
				Cherry (sweet)					
				Corn					
				Flax					
				Forage grass					
				Forage legume					
				Lentil					
				Plum					
				Soybean					
				Wheat					
	Glyphosate Trimesium 640			25272	Apple				
					Bean (dry)				
					Canola				
					Cherry (sour)				
					Cherry (sweet)				
					Corn				
					Flax				
					Forage grass				
					Forage legume				
					Lentil				
					Non-cropland uses				
					Pea				
					Plum				
					Soybean				
					Turf				
					Wheat				
					Glyphosate Trimesium 480			25273	Apple
									Bean (dry)
	Canola								
Cherry (sour)									
Cherry (sweet)									
Corn									
Flax									
Forage grass									
Forage legume									
Lentil									
Non-cropland uses									
Pea									

Reduced-risk Chemical	# of Products	Product Name	Registration #	Uses	
Glyphosate (trimethylsulfonium salt) [cont'd]				Plum	
				Soybean	
				Turf	
				Wheat	
	Touchdown 600			26458	Apple
					Bean (dry)
					Canola
					Cherry (sour)
					Cherry (sweet)
					Corn
					Flax
					Forage grass
					Forage legume
					Lentil
Pea					
Plum					
Soybean					
Wheat					
Glyphosate Trimesium 480 LG (Domestic)			26576	Turf	
Imazamox	4	Viper WDG	25110	Soybean	
		AC 299,263 70 WDG	25496	Canola	
				Wheat	
		Meridian WDG	26463	Soybean	
AC 299,263 120 AS	26705	Wheat			
Mefenoxam	5	Ridomil Gold 480 EC	25384	Apple	
				Bean (snap)	
				Blueberry (highbush)	
				Cucumber	
				Ginseng	
				Hops	
				Potato	
				Raspberry	
				Strawberry	
				Tobacco (field)	
	Tobacco (greenhouse) seed				
	Apron XL LS			25585	Alfalfa
					Barley (export only)
Bean (field)					

Reduced-risk Chemical	# of Products	Product Name	Registration #	Uses
Mefenoxam [cont'd]				Bean (green)
				Bean (kidney)
				Bean (lima)
				Bean (navy)
				Bean (pole)
				Bean (snap)
				Bean (string)
				Bean (wax)
				Canola
				Carrot (export only)
				Chickpea
				Clover
				Corn (field)
				Corn (sweet)
				Forage grass
				Garden beet (export only)
				Lentil
				Oat (export only)
				Onion
				Pea
				Pea (field)
				Pea (garden)
				Popcorn
				Rye (export only)
				Sainfoin
				Sorghum (export only)
				Soybean
				Spinach (export only)
				Spinach seed
				Sugar beet
				Sunflower
				Trefoil
				Turf grass
Vetch				
Wheat				
		Ridomil Gold 1G	26612	Carrot
				Ginseng
				Lettuce (head)

Reduced-risk Chemical	# of Products	Product Name	Registration #	Uses
Mefenoxam [cont'd]		Subdue Maxx	27055	Conifers (nursery)
				Ornamentals
				Turf
		Maxim XL	27071	Corn (field)
				Corn (sweet)
Popcorn				
Mesotrione	1	Callisto 480 SC	27833	Corn (field)
				Corn (seed)
				Corn (sweet)
Methoxyfenozide	1	Intrepid 240 F	27786	Apple
Mustard seed and $\alpha$ -olefin sulfonate, sodium	1	Exit™ Concentrate Rodenticide	27400	Richardson's ground squirrels
Pymetrozine	2	Endeavor 50 WG	27273	Greenhouse ornamentals
		Fulfill 50 WG	27274	Potato
s-Metolachlor	4	Dual Magnum Agricultural	25728	Apple
				Apricot
				Bean (green snap)
				Bean (kidney)
				Bean (lima)
				Bean (pinto)
				Bean (white)
				Bean (yellow snap)
				Bean (black)
				Bean (cranberry)
				Bean (kidney)
				Broccoli
				Cabbage
				Cauliflower
				Strawberry
				Cherry (sour)
				Cherry (sweet)
				Corn (hybrid)
				Corn (silage)
				Corn (sweet)
Corn seed				
Lupin (white sweet)				
Pea (processing)				
Peach				
Pear				

Reduced-risk Chemical	# of Products	Product Name	Registration #	Uses
s-Metolachlor [cont'd]				Pine (Jack)
		Pine (Red)		
		Pine (White)		
		Plum		
		Poplar stoolbeds		
		Potato		
		Rutabaga		
		Soybean		
		Spruce (Black)		
		Spruce (Norway)		
		Spruce (White)		
		Sugar beet		
		Tomato		
		Dual II Magnum	25729	Bean (green snap)
		Bean (kidney)		
		Bean (lima)		
		Bean (pinto)		
		Bean (white)		
		Bean (yellow snap)		
		Broccoli		
		Cabbage		
		Cauliflower		
		Corn (hybrid)		
		Corn (silage)		
		Corn (sweet)		
		Bean (black)		
		Bean (cranberry)		
		Bean (kidney)		
Broccoli				
Cabbage				
Cauliflower				
Corn (sweet)				
Strawberry				
Tomato				
Corn seed				
Fruit tree (bearing)				
Fruit tree (non-bearing)				
Lupin (white sweet)				
Pea (processing)				
Pine (Jack)				

Reduced-risk Chemical	# of Products	Product Name	Registration #	Uses
s-Metolachlor [cont'd]				Pine (Red)
				Pine (White)
				Poplar stoolbeds
				Potato
				Rutabaga
				Soybean
				Spruce (Black)
				Spruce (Norway)
				Spruce (White)
				Strawberry
				Sugar beet
		Tomato		
		Dual II Magnum SI	26418	Corn (hybrid)
				Corn (silage)
		Corn (sweet)		
		Corn seed		
		Soybean		
Dual Magnum Soybean	27363	Soybean		
Spinosad	5	Conserve 480 SC	26834	Turf
		Success 480 SC	26835	Apple
				Apricot
				Arugula
				Bean (snap)
				Broccoli
				Broccoli (Chinese)
				Broccoli (raab/rapini)
				Broccolo cavalo
				Brussels sprout
				Cabbage
				Cabbage (Chinese)
				Cabbage (Chinese, bok choy)
				Cabbage (Chinese, mustard)
				Cabbage (Chinese, napa)
				Cardoon
				Cauliflower
				Celery
				Celery (Chinese)
				Celtuce
Cherry (ground)				
Cherry (sweet)				

Reduced-risk Chemical	# of Products	Product Name	Registration #	Uses
Spinosad [cont'd]				Cherry (tart)
				Chervil
				Collards
				Corn (sweet)
				Crabapple
				Cress (garden)
				Cress (upland)
				Cucumber (greenhouse)
				Eggplant
				Endive
				Florence fennel
				Horseradish
				Kale
				Kohlrabi
				Lettuce (head)
				Lettuce (leaf)
				Mustard greens
				Nectarine
				Orach
				Parsley
				Peach
				Pear
				Pear (Oriental)
				Pepino
				Pepper (bell)
				Pepper (chili)
				Pepper (non-bell)
				Pepper (sweet non-bell)
				Plum
				Plum (chickasaw)
				Plum (damson)
				Plum (Japanese)
				Potato
				Prune
Quince				
Radicchio				
Radish				
Radish (Oriental)				
Rape greens				
Rhubarb				



Reduced-risk Chemical	# of Products	Product Name	Registration #	Uses
Spinosad [cont'd]				Rutabaga
				Spinach
				Spinach (mustard)
				Spinach (New Zealand)
				Spinach (vine)
				Swiss chard
				Tomatillo
		Conserve 120 SC	27278	Turf
		Conserve 120 SC (Domestic)	27285	Turf
		Entrust 80W	27825	Potato
Tebufenozide	2	Mimic 240 LV	24502	Forestry
				Woodlands
		Confirm 240 F	24503	Apple
				Crabapple
				Cranberry
				Greenhouse ornamentals
				Lettuce (greenhouse)
				Pear
Pepper (greenhouse)				
Tomato (greenhouse)				
Trifloxystrobin	3	Compass 50 WG	27527	Ornamentals
				Turf
		Stratego 250 EC	27528	Wheat (spring)
				Wheat (winter)
		Flint 50 WG	27529	Apple
				Crabapple
				Grape
				Grape (table)
				Grape (wine)
				Loquat mayhaw
				Pear
Pear (Oriental)				
Quince				
Wheat (Canada prairie)				
Wheat (durum)				

Reduced-risk Chemical	# of Products	Product Name	Registration #	Uses
Trifloxystrobin [cont'd]				Wheat (hard red)
				Wheat (soft white)
				Wheat (spring)
				Wheat (winter)
Zoxamide	1	Zoxium 80 W	26840	Grape

**Table 2 Reduced-risk Chemical Active Ingredients Registered or Pending Registration in Canada and the United States (31 March 2005)**

Reduced-risk Active Ingredient	Registered and Pending Active Ingredients	
	United States	Canada
Acetamiprid <sup>(JR)</sup>	1	1
Acequinocyl	1	(1)
Aminopyralid <sup>(JR)</sup>	(1)	(1)
Azoxystrobin	1	1
Boscalid (BAS 510F) <sup>(JR)</sup>	1	1
Bifenazate	1	1
Buprofezin	1	—
Carfentrazone-ethyl	1	—
Cyazofamid <sup>(WS)</sup>	(1)	(1)
Cyhalofop-butyl	1	*
Cyprodinil <sup>(JR)</sup>	1	1
Diflubenzuron	1	1
Diflufenzopyr <sup>(JR)</sup>	1	1
Ecolyst	1	*
Etoxazole	1	—
Fenamidone	1	1
Fenhexamid <sup>(JR)</sup>	1	1
Fenpyroximate	1	—
Fluazinam	1	1
Flucarbazone sodium <sup>(WS)</sup>	1	1
Fludioxonil	1	1
Flumiclorac-pentyl	1	—
Fluroxypyr	1	—
Glufosinate-ammonium	1	1*
Glyphosate	1	1
Hexaflumuron	1	—
Hymexazol	1	—
Imazamox	1	1
Imazapic	1	—
Imazethapyr	1	1*
Indoxacarb	1	—
Lambda-cyhalothrin	1	1

Reduced-risk Active Ingredient	Registered and Pending Active Ingredients	
	United States	Canada
Macalaya extract	1	—
Mefenoxam	1	1
Mesosulfuron-methyl	1	—
Mesotrione	1	1
Methoxyfenozide	1	1
Methyl anthranilate	1	1
Mustard seed and $\alpha$ -olefin sulfonate, sodium <sup>(JR)</sup>	1	1
Novaluron <sup>(WS)</sup>	1	(1)
Noviflumuron	1	—
Pinoxaden <sup>(JR)</sup>	(1)	(1)
Prohexadione calcium	1	(1)
Pymetrozine	1	1
Pyrimethanil	(1)	(1)
Pyriproxyfen	1	1
Quinoxifen	1	—
s-Dimethenamid	1	—
s-Metolachlor	1	1
Spinosad	1	1
Tebufenozide	1	1
Trifloxystrobin	1	1
Zoxamide <sup>(JR)</sup>	1	1
<b>TOTAL</b>	<b>53</b>	<b>36</b>
<b>% COMPARISON CANADA / UNITED STATES</b>	<b>69.4</b>	

\* USEPA use pattern not applicable to Canada (e.g., rice, cotton, citrus). These active ingredients were not included in the percentage comparison.

(#) Pending registration

(JR) Joint review

(WS) Work share

**Table 3 Biopesticides Registered in Canada (31 March 2005)**

Products containing a biopesticide active ingredient and additional non-reduced-risk chemical active ingredients are not included.

Refer to <http://eddenet.pmra-arla.gc.ca/4.0/4.01.asp> to view full label information.

Biopesticide	# of Products	Product Name	Registration #
1-Methylcyclopropene (MCP)	1	SmartFresh Technology	27778
Acetic acid	4	EcoClear (Commercial)	25528
		EcoClear (Domestic)	26522
		President's Choice Weed Controller Herbicide	27109
		Scotts Ecosense	27933
<i>Agrobacterium radiobacter</i>	1	Dygal	21106
Aminoethoxyvinylglycine hydrochloride (AVG)	1	ReTain	25609
<i>Bacillus thuringiensis</i> Berliner ssp. <i>kurstaki</i>	16	DiPel WP	11252
		Thuricide-HPC	11302
		Thuricide 48LV	17980
		DiPel 176	20599
		Safer's BTK	24536
		Foray 76B	24976
		Foray 48B	24977
		Foray 48BA	24978
		DiPel 2X DF	26508
		Bioprotec Aqueous	26535
		Bioprotec CAF	26854
		Bioprotec HP	27099
		Bioprotec ECO	27251
		Foray 96B	27489
Bioprotec XHP	27749		
Bioprotec 3P	27750		

Biopesticide	# of Products	Product Name	Registration #
<i>Bacillus thuringiensis</i> serotype H-14	12	VectoBac-200G Restricted	18158
		Teknar Granules	19239
		Teknar HP-D	19241
		VectoBac 600L	19455
		VectoBac 200G (Commercial)	19466
		VectoBac-1200L	21062
		Aquabac <sub>xt</sub>	26860
		Aquabac 200G (Commercial)	26862
		Aquabac 200G (Restricted)	26863
		Aquabac 200G (Domestic)	27374
		Aquabac II <sub>xt</sub>	27376
Gnatrol DG	27821		
<i>Bacillus thuringiensis</i> ssp. <i>tenebrionis</i>	1	Novodor Flowable	24068
Bedoukian TPW pheromone	1	3M Sprayable Pheromone	27335
Benzyladenine	4	Promalin	16636
		Accel	24593
		Fascination	27135
		Promalin	27137
Black pepper oil	2	Scentagone	25789
		Havahart	25829
Capsaicin	39	Counter Assault Bear Deterrent	22137
		Dog-Gone	22979
		Bear Scare	22991
		Defiance Dog Repellent	23115
		Pepper Spray	23308
		Bear Gone	23507
		Pitbull	23547
		The Original Black Max	23548
		Outdoorsman	23797

Biopesticide	# of Products	Product Name	Registration #
Capsaicin [cont'd]		Bear D'Fense	24202
		Dog D'Fense	24203
		The Original Black Max	24901
		BearShield	25126
		Dog D'Fense Clip Model	25153
		Spike Bear Deterrent	25589
		Tactical O.C.	25590
		Scentagone	25789
		Havahart	25829
		Squirrel Proof Premier	26479
		Squirrel Proof Seed Saver	26480
		Bearier Bear Deterrent (0.80%)	26521
		Guard Alaska	26529
		Frontiersman	26619
		MSI Mace	26690
		Squirrel Proof Suet Sunflower Blend	26853
		Bearier Bear Deterrent (0.75%)	26871
		Sabre	27051
		Back-Off	27380
		Bear Beware	27381
		Bear Beware Plus	27382
		Dog Beware	27383
		Bear D'Fense Professional	27685
		Jogger Fogger	27689
Spike Dog Repellent	27690		
UDAP	27714		
UDAP Pepper Power	27715		
Trailguard	27744		

Biopesticide	# of Products	Product Name	Registration #
Capsaicin [cont'd]		Defiance Bear Repellent	27748
		Counter Assault Dog Deterrent	27771
<i>Chondostereum purpureum</i>	1	Myco-Tech Paste	27020
<i>Chondostereum purpureum</i> (North American Strain Pathovar PFC2139)	1	Chontrol Paste	27823
Codling moth pheromone	2	Isomate-C Plus Codling Moth Pheromone	22899
		Paramount Aerosol	27369
Codling moth and leaf roller pheromone	1	Isomate-CM/LR Pheromone	27776
<i>Colletotrichum gloeosporioides</i> f.sp. <i>malvae</i>	1	BioMal	22359
Corn gluten meal	4	TurfMaize	27491
		Nutrite Pre-emergent (Domestic)	27727
		Nutrite Pre-emergent (Commercial)	27728
		TurfMaize Pro	27865
Diatomaceous earth (100%)	24	Chemfree Insectigone (Commercial)	19166
		Chemfree Insectigone Agricultural	19215
		Chemfree Insectigone Crawling Insect Killer	19216
		Chemfree Insectigone (Commercial)	19230
		Insect Stop (Domestic)	21038
		Insect Stop (Commercial)	21039
		Insecolo	21149
		Insectigone Cockroach and Ant Killer	21340
		Insectigone Earwig Killer	21341
		Insectigone Ant Killer	21342
		Green Earth DIO	21936
		Insect Stop Insect Control	21951
		Insecto	22489
Protect-It	24259		



<b>Biopesticide</b>	<b># of Products</b>	<b>Product Name</b>	<b>Registration #</b>
Diatomaceous earth (100%) [cont'd]		Watkins	24921
		C-I-L Mother Earth Ant & Roach Killer	25366
		Insect Stop Cockroach & Ant Killer	25596
		Insect Stop Silverfish & Cockroach Killer	25597
		Insect Stop Earwig Killer	25598
		Insect Stop Ant Killer	25599
		Green Earth Indoor/Outdoor	26622
		Green Earth Ant & Roach Insect Dust	26679
		Raid EarthBlends	27185
		Barn Fresh	27265
Diatomaceous earth (fresh water fossils)	1	PI2 Ready-To-Use	26194
Dried blood	4	Plantskydd Soluble Powder Concentrate (Commercial)	27411
		Plantskydd Deer Repellent Pre-Mixed RTU Solution (Domestic)	27413
		Plantskydd Deer Repellent Pre-Mixed RTU Solution (Commercial)	27656
		Plantskydd Deer Repellent Soluble Powder (Domestic)	27657
Ethylene	9	Eco Sprout 2%	26851
		Eco Sprout 3%	27076
		Eco Sprout 5%	27077
		Eco Sprout 8%	27078
		Eco Sprout 13%	27079
		Eco Sprout 21%	27080
		Eco Sprout 35%	27081
		Eco Sprout 69%	27082
		Eco Sprout 100%	27083

<b>Biopesticide</b>	<b># of Products</b>	<b>Product Name</b>	<b>Registration #</b>
Gibberellic acid	2	Activol	11904
		Falgro	27653
Gibberellin A4 mixed with gibberellin A7	4	Promalin (500 ml)	16636
		Accel	24593
		Fascination	27135
		Promalin (10 × 500 ml)	27137
Grape berry moth pheromone	3	Isomate-GBM	25147
		3M MEC-GBM	26517
		Isomate-GBM Plus	27525
Greater peachtree borer pheromone	1	Isomate-P Pheromone	27141
Hydrogen peroxide	1	Biosafe Oxidate	27432
Iron phosphate (ferric phosphate)	5	NEU1165M	26102
		Safer's	26240
		Ferramol	27085
		Sluggo	27096
		Safer's Ferramol	27157
Isopropyl (2E,4E,7S)-11-methoxy-3,7,11-trimethyl-2,4-dodecadienoate	15	APEX EC	17247
		Kabat Tobacco Protector	17324
		Precor EC	21573
		Altosid	21809
		Altosid Restricted	22676
		Vet-Kem Ovicollar for Cats	23120
		Vet-Kem Ovicollar for Dogs	23121
		Zodiac Collar for Cats	23852
		Zodiac Collar for Dogs	23853
		Hartz Reference 114	26255
		Hartz Control	26491
		Zodiac Fleatrol	26496

Biopesticide	# of Products	Product Name	Registration #
Isopropyl (2E,4E,7S)-11-methoxy-3,7,11-trimethyl-2,4-dodecadienoate [cont'd]		Vet-Kem Ovispot	26497
		Apex EC	27473
		Altosid XR	27694
Kaolin	1	Surround WP	27469
Muscalure	1	Farnam Fly Terminator	27438
NPV douglas fir tussock moth	2	Virtuss	17786
		TM Biocontrol-1	19293
NPV of the gypsy moth	1	NPV for Gypsy Moth Larvae	24869
NPV of red-headed pine sawfly	1	Lecontvirus	20291
<i>Ophiostoma piliferum</i> fungus	1	Sylvanex	27560
Oriental fruit moth pheromone	3	Isomate-M100	26981
		Isomate-M Rosso	27339
		3M Sprayable Pheromone	27647
Piperine	2	Scentagone	25789
		Havahart	25829
p-Menthane-3,8-diol	1	OFF!	27194
<i>Pseudozyma flocculosa</i>	1	Sporodex L	27161
Putrescent whole egg solids	4	Deer-Away (Commercial)	17667
		Deer-Away (Domestic)	17955
		Deer-Away Ready-to-Use (Domestic)	18122
		Horti-Kure	23455
Silica aerogel	2	Protect-It	24259
		PI2	26194
Soap	22	Safer's Insecticidal Soap Concentrate	14668
		Safer's Insecticidal Soap (Agricultural)	14669
		Safer's Insecticidal Soap for Houseplants	16561
		Green Cross® Insecticidal Soap for Flowers & Vegetables	16607

Biopesticide	# of Products	Product Name	Registration #
Soap [cont'd]		Safer's Flea Soap for Dogs	17307
		Safer's Flea Soap for Cats	17709
		Safer's De-Moss	18141
		Safer's Rose & Flower Insecticide RTU	18355
		Safer's De-Moss Concentrate	18418
		Safer's Aphid & Whitefly	19444
		Safer's Spider Mite	19445
		Safer's Rose & Flower	19929
		Safer's Rose & Flower Insecticide	20793
		Green Earth Insecticidal Soap	21111
		Green Earth Ready-to-spray Insecticidal Soap	21112
		Green Earth Indoor Insecticidal Soap	21113
		Green Earth Insecticidal Soap Hose Spray	21321
		Raid Insecticidal Soap	21916
		Safer's Insecticidal Soap Concentrate	22208
		Safer's Multi-Purpose Insecticidal Soap	22772
Safer's Insecticidal Soap	23651		
Pro Insecticidal Soap (Domestic)	27812		
Soybean oil	4	Blocker (oil)	25749
		Blocker (lotion)	25750
		Blocker (light herbal scent lotion)	25751
		Blocker (spray)	25752
<i>Streptomyces griseoviridis</i>	1	Mycostop	26265
<i>Trichoderma harzianum</i> Rifai str. KRL-AF2	2	Rootshield Drench	27115
		Rootshield Granules	27116
z-11-Tetradecenyl acetate	2	3M Sprayable Pheromone	25880
		3M MEC-LR Sprayable	27216