

## PMRA Re-evaluation and Special Review Activities Impacting Food Production Horticulture in 2022

### FUNGICIDE

Active Ingredient	Tebuconazole Group 3	Zoxamide Group 22	<i>Bacillus subtilis</i> cluster Group BM02	Azoxystrobin Group 11
Trade Name	FOLICUR Fungicide	ZOXIUM Fungicide	SERENADE, TAEGRO, Biofungicide	QUADRIS Fungicide
Consultation Status	Proposed Re-evaluation Decision: <b>PRVD2021-08</b> July 23, 2021. Target for Re-evaluation Decision Document: Feb 2023.	Proposed Re-evaluation Decision: <b>PRVD2022-06</b> Mar 28, 2022	Proposed Re-evaluation Decision: <b>PRVD2022-09</b> May 20, 2022	Public consultation (cyclical): Target Jan 2023
Re-evaluation Category	1	1	3	1
Proposed Re-evaluation Decisions Impacting Food Horticulture	Proposed acceptable for continued use with mitigation measures	Proposed acceptable for continued use with mitigation measures	Proposed acceptable for continued use	
Horticultural Food Uses	Asparagus	Potatoes, grapes, onion (bulb)	Asparagus, Crop Group 13 (bushberries & c aneberries), Group 13-07 (berry and small fruit), highbush & lowbush blueberry, Group 5 (cole veg), Group 6 (legume veg), Group 3 (bulb veg), Group 1 (root tuber veg), potato, sugar & garden beets, Group 9 (cucurbits), Group 8 (fruiting veg), tomato, pepper, grapes, Group 4 (leafy veg), lettuce, spinach, celery, Group 11 (pome fruit), apples, Group 12 (stone fruit), radish, turnip, rutabaga, strawberry, Group 19 (herbs & spices)	Succulent shelled pea and bean, potatoes, field tomatoes, sweet corn, ginseng, asparagus, spinach, carrots, daikon, rutabaga, turnip, garden beet, radish, ground cherries, cabbage, cranberries, celery, strawberries, blueberries, sweet potatoes, cucurbit vegetables

## FUNGICIDE

Active Ingredient	Chlorothalonil Group M5	Picoxystrobin Group 11	Fenbuconazole Group 3	Cyprodinil Group 9
Trade Name	DACONIL, BRAVO, ECHO, CHLOROTHALONIL, EQUUS Fungicide	ACAPELA, CEREFIT A Fungicide	INDAR Fungicide	VANGARD, SWITCH Fungicide
Consultation Status	Proposed Special Review Decision: <b>PSRD2022-01</b> Feb 10, 2022	Proposed Special Review Decision: <b>PSRD2022-03</b> Nov 2, 2022	Public consultation (cyclical): Target Jan-Mar 2023	Public consultation (cyclical): Target Jan 2023
Re-evaluation Category			1	1
Proposed Re-evaluation Decisions Impacting Food Horticulture	<b>PMRA proposing cancellation of all uses except on gh ornamentals due to health and environmental risks</b>	<b>Proposed acceptable for continued use</b>		
Horticultural Food Uses	Carrot, parsnip, potato, onions (dry bulb & green bunching), cole crops (broccoli, Brussels sprouts, cauliflower, cabbage), tomatoes (processing), asparagus, highbush blueberries, cherry (sweet & sour), sweet corn, peach, nectarine, cranberry	Edible podded legumes, succulent legumes, potatoes, onions	Stone fruit, blueberry (highbush)	Apple, stone fruit, grapes, onions, strawberries, blueberries (high and low), caneberries (Group 13-07A), carrots, mustard greens, turnip greens, cabbage, Crop Group 5B (rapini, bok choy etc.), Crop Group 3-07 (garlic, leek, onion, etc.), Saskatoon berries, Crop Group 1B (beet, radish, etc.), celery, ginseng, spinach, peppers (field), tomatoes (field), bushberries (Group 13- 07B), low growing berry (Group 13-07G)

Famoxadone Group 11	Fenamidone Group 11	Fluazinam Group 29	Fosetyl aluminum Group P07
TANOS Fungicide	REASON Fungicide	ALLEGRO Fungicide	ALEITTE Fungicide
Public Consultation (cyclical): Target Jul-Sep 2024	REASON Fungicide Public Consultation (cyclical): Target Oct-Dec 2023	Public Consultation (cyclical): Target Oct-Dec 2024	Special Review: Initiated Apr 2022
1	1	1	
Potatoes, field tomatoes, caneberries	Carrot, cucurbit veg, potatoes, turnip greens, tomato, succulent beans	Potatoes, Bulb Onion Crop Subgroup (3-07A), carrots, cucurbit veg, field peppers, blueberries, currant, elderberry, gooseberry, huckleberry, apples, Bok choy Chinese cabbage, broccoli, broccoli raab, Brussels sprouts, cabbages, cauliflower, cavalo broccoli, Chinese broccoli, Chinese mustard cabbage, collards, kale, kohlrabi, mizuna, mustard greens, mustard spinach, Chinese Napa cabbage, rape greens, runner, snap and wax beans, Field-Grown Cucurbit Vegetables (Crop Group 9) (chayote (fruit), Chinese waxgourd, citron melon, cucumber, gherkin, gourd, <i>Momordica</i> spp., muskmelon, pumpkin, summer squash, winter squash, watermelon)	Apples, ginseng, red/black raspberries, blackberries, cranberry, grapes, strawberries, lettuce, greenhouse lettuce in BC, spinach, onions, brassica head and stem vegetables (Crop Group 5-13) and brassica leafy vegetables (Crop Group 4-13B), greenhouse-grown brassica head and stem vegetable transplants (Crop Group 5-13), greenhouse-grown brassica leafy green transplants (Crop Subgroup 4-13B), kohlrabi, rutabaga, Belgian endive, highbush blueberries, ginseng

## FUNGICIDE

Active Ingredient	Trifloxystrobin Group 11	Boscalid Group 7	Pyraclostrobin Group 11
Trade Name	STRATEGO, FLINT, TRILEX AL, CGA279202, EVERGOL, LUNA SENSATION Fungicide	LANCE, PRISTINE, CANTUS Fungicide	HEADLINE, CABRIO, PRISTINE Fungicide
Consultation Status	Scoping phase completed	Scoping phase completed	Scoping phase completed
Re-evaluation Category	1	1	1
Proposed Re-evaluation Decisions Impacting Food Horticulture			
Horticultural Food Uses	Sweet corn, grapes, pome fruits, cherries, succulent and snap bean, asparagus, stone fruits, fruiting veg, cucurbits, celery, Chinese celery, root veg, strawberry, succulent lima bean, pea, cowpea, pigeon pea, moth bean & southern pea, root veg, leafy green & petiole veg, brassica leafy veg, low growing berries	Succulent beans and peas, potatoes, berry group, Belgian endive, Brassica vegetables group, bulb vegetables group, carrots, celeriac, cucurbit crop group, grapes, GH cucumbers, lettuce, fruiting vegetables, peppers, tomatoes, leafy vegetables (except brassica), pome fruit group, stone fruits group, strawberries	Edible-podded legumes (Group 6A), Succulent shelled beans and peas (Group 6-B), potatoes, blueberries (highbush & lowbush), bulb vegetables, cucurbits, fruiting vegetables, garden beet tops, radish tops, root vegetables, stone fruit, strawberries, berries, Belgian endive, Brassica vegetables, grapes, GH cucumbers, GH lettuce, GH peppers, GH tomatoes, leafy vegetables, pome fruit

## INSECTICIDES

Active Ingredient	Pyrethrins Group 3	Abamectin Group 6	Acetamiprid Group 4A
Trade Name	SAFER'S, BUG-X, etc. Insecticide	AVID, AGRI-MEK Insecticide/ Miticide	ASSAIL Insecticide
Consultation Status	Proposed Re-evaluation Decision: <b>PRVD2020-08</b> Sep 17, 2020. Target for Re-evaluation Decision Document: October 2022	Public Consultation (cyclical): Target Nov 2022	Public Consultation (cyclical): Target Oct-Dec 2023
Re-evaluation Category	Legacy active	1	1
Proposed Re-evaluation Decisions Impacting Food Horticulture	<p>Food uses proposed for continuation are limited to the crops and uses on Commercial Class labels: GH peppers, blueberry, grape, raspberry, herbs, spices, pears, pinto, snap &amp; wax beans, tomato.</p> <p>All food uses on Domestic Class labels other than those listed above were not assessed and are proposed for cancellation.</p>		
Horticultural Food Uses		GH tomatoes, GH peppers, GH cucumbers, apples, pears, caneberries (Subgroup 13-07A), strawberries, celery, potatoes, grapes, bulb onions (Subgroup 3-07A), green onion (Subgroup 3-07B)	Leafy vegetables, Cole crops (Group 5), field tomato, pome fruit, potato, Leafy Vegetables (Group 4), ground cherry, field peppers, stone fruit, strawberries, blueberries (lowbush and high-bush), Bushberries (Group 13-07B), grapes, sweet corn, rutabaga, Succulent shelled pea and bean (Subgroup 6B), edible podded pea, asparagus, Caneberries (13-07A)

## INSECTICIDES

Active Ingredient	Clothianidin (general) Group 4A	Thiamethoxam (general) Group 4A	Spinetoram Group 5
Trade Name	CLUTCH Insecticide	CRUISER, ACTARA Insecticide	RADIANT, DELEGATE Insecticide
<b>Consultation Status</b>	Public Consultation (cyclical): Target Apr-June 2023	Public Consultation (cyclical): Target Apr-June 2023	Public Consultation (cyclical): Target Apr-Jun 2024
<b>Re-evaluation Category</b>	1	1	1
<b>Proposed Re-evaluation Decisions Impacting Food Horticulture</b>			
<b>Horticultural Food Uses</b>	Potato (Nipsit seed piece treatment), sweet potato, pome fruit, grape, strawberry, cucurbit vegetables, stone fruit	Sweet corn, beans, peas, cucurbit vegetables, potatoes, Leafy Vegetables (Group 4), Brassica Vegetables (Group 5), Fruiting Vegetables (Group 8-09), apples, crabapples, pear, oriental pear, root vegetables, cane berries, bushberries, cherries, low growing berries, field pepper, GH peppers	Pome Fruits CG 11-09, apple, asparagus, highbush and lowbush blueberries, caneberries (raspberry, blackberry), cole crops (Brassica leafy veg), fruiting veg & okra, grape, Leafy Veg CG 4-13, turnip & beet greens, carrot, horseradish, radish, Oriental radish, rutabaga, turnip, Stone Fruit CG 12-09, strawberry, Berries CSG 13-07A, 13-07B, 13-07G, Brassica Head & Stem Veg CG 5-13, Fruiting Veg CG 8-09, Leaves of Root & Tuber Veg CG 2, potatoes, root veg, Leaf Petioles Veg SCG 22B, Stalk & Stem Veg CSG 22A, Bulb Veg CG 3, snap bean, basil, dill, ginseng, sweet corn, Bushberries CSG 13-07B, Caneberries CSG 13-07A, Low Growing Berry CSG 13-07G, GH veg, mint

Glufosinate ammonium Group 10	MCPA Group 4	Desmedipham Group 5	Dicamba Group 4	Fatty Acid Cluster
IGNITE, LIBERTY Herbicide	MCPA AMINE, etc. Herbicide	BETAMAX Herbicide	BANVEL, ORACLE, DYCLEER, HAWKEYE, M1691, FEXAPAN, ENGENIA, XTENDIMAX 2, DISHA, AMMO Herbicide	AXXE Herbicide
Public consultation (Special Review & cyclical): Target Oct-Dec 2023	Special Review: Initiated Mar 2022	Special Review: Initiated Mar 2022	Public Consultation (Special Review): Target Apr-Jun 2023	Information gathering phase
1	1			3
Raspberry, apples, apricots, cherries, (sweet and sour), blueberries grapes, nectarines, pears, plums, peaches, strawberries, asparagus, carrots, lettuce, onions, potatoes	Vegetable crops, asparagus, sweet corn, legumes (incl. peas), peas for canning	Garden beets, strawberries	Blueberries (lowbush)	Food crops, greenhouses

## OTHER TYPES OF PRODUCTS

Active Ingredient	1-Methylcyclopropene (1-MCP)	Chondrostereum purpureum (Strain: PFC2139)	Methyl Bromide
Trade Name	SMARTFRESH, ETHYLBLOC, RIPELOCK, EASYFRESH, HARVISTA, FYSIUM PGR	CHONTROL, LALICIDE CHONDRO PGR	TERR-O-GAS Fumigant
Consultation Status	Proposed Re-evaluation Decision: <b>PRVD2022-05</b> Mar 24, 2022	Proposed Re-evaluation Decision: <b>PRVD2022-03</b> Mar 22, 2022	Public Consultation (Special Review & cyclical): Target Mar 2023
Re-evaluation Category	3	3	
Proposed Re-evaluation Decisions Impacting Food Horticulture	Proposed acceptable for continued use	Proposed acceptable for continued use	
Horticultural Food Uses	apples, pears, tomatoes	Sprout inhibition in choke cherry and buckthorn	Tomatoes



Putrescent whole egg solids	6-benzylaminopurine	Gibberelins cluster: gibberellic acid, gibberellins A4A7	Nonylphenoxypoly ethoxyethanol
DEER-AWAY, HORTI-KURE Repellent	PROMALIN, ACCEL, MAXCEL, PERLAN, CILIS PGR	ACTIVOL PGR	AGROL 90, AG-SURF, etc. Surfactant
Proposed Re-evaluation Decision: <b>PRVD2022-11</b> Jun 16, 2022	Public Consultation (cyclical): Target Mar 2023	Public Consultation (cyclical): Target Mar 2023	Public Consultation (cyclical): Target Mar 2023
3	3	3	3
Proposed acceptable for continued use with mitigation measures			
Fruit trees	Apples, pears, sweet cherries	Sweet and sour cherries, rhubarb	Non-ionic spreading agent for use with pesticides including those applied to fruits and vegetables

#### Sources:

The information in the above tables is based on:

- Part A, Table 1; Part A, Table 2a of REV2022-01, dated May 6, 2022. Pest Management Regulatory Agency Re-evaluation and Special Review Work Plan 2022-2027: <https://www.canada.ca/content/dam/hc-sc/documents/services/consumer-product-safety/pesticides-pest-management/decisions-updates/reevaluation-note/2022/special-review-work-plan-2022-2027/rev2022-01-eng.pdf>
- PMRA's Pesticides and Pest Management Consultations: <https://www.canada.ca/en/health-canada/services/consumer-product-safety/pesticides-pest-management/public/consultations.html>
- PMRA Pesticide Label Search Tool: <https://pr-rp.hc-sc.gc.ca/lr-re/index-eng.php>

#### Note:

Some Trade Name products listed above contain additional active ingredients and in some cases these combination products list more crops on their labels than are found on labels for the active ingredient alone.