

Pest Control Product Summary Table- Raspberry 2026

The information in these tables is a summary of the raspberry content in the [Ontario Crop Protection Hub \(Hub\)](#) and [product labels](#). Before applying any pest control product, always review the most current version of the product label. Links to product labels can be found under the product entry in the Hub. Refer to the Hub or the product label for more details including use precautions, resistance management strategies and raspberry-specific comments. Use products only for pests listed on the label for raspberry. Refer to the Hub for pest efficacy.

Table 1. Summary of insecticides and miticides registered for use on raspberries for common pests. For other pest not listed below (clipper weevil, inchworms and loopers, rose chafer, raspberry crown borer (larvae), raspberry cane borer) please refer to the HUB. Products are sorted by IRAC group. Entries listed as 'HUB' indicate information is too detailed to include in this table. Refer to the Hub for full details.

TSSM= Two-spotted spider mite. JB=Japanese beetle adults. SWD= Spotted wing drosophila.

Bee Toxicity: N=Non toxic. S= slightly toxic. M=moderately toxic. V=Very toxic. I= irritant. U= unknown.

NA= information is not specified on label.

Do not apply insecticides while raspberries are in bloom. Do not spray when bees and beneficials are active. See HUB for more details.

Product Name	Chemical Name	Group	REI (hr)	PHI (day)	Max. App.	Bee Toxicity	Rate	Registration status ¹						Comments	
								Aphids	Leafrollers	Leafhoppers	TSSM	JB	SWD		
Sevin XLR	carbaryl	1A	6 days ^{2,3} / 10 days ^{4,5}	11	2	V	5.25 L/ha					X			
Malathion 85 E	Malathion	1B	12 ² /24 ^{3,6}	1	2	V	880 mL/ha			X					
							1-2.5 L/ha						X		
Up-Cyde 2.5 EC	cypermethrin	3	12	2	3	V	245-285 mL/ha							X	
Pyganic 1.4 EC II	pyrethrins	3	12	12	8	V	2.32-4.65 L/ha	X		X					For best results, use high rate, adjust spray solution to pH of 5.5–7.0, and apply promptly after mixing.
Danitol	fenpropathrin	3	HUB	15	2	V	779-1169mL/ha			X		X	X		Also registered for raspberry fruitworm.
Aceta 70 WP	acetamiprid	4A	12	1	4	M	56-86 g/ha	X	X						Maximum 2 applications of products from Group 4A per season.
Assail 70 WP	acetamiprid	4A	12	1	4	M	56-86 g/ha 80 g/ha	X	X			X			
Sivanto Prime	flupyradifurone	4D	12	0	2 L/ha	M	500-750 mL/ha	X							Where possible, rotate with products outside of Group 4.
Delegate	spinetoram	5	12	1	3	V	315-420 g/ha							X	
							200 g/ha		X						
Entrust	spinosad	5	When dry	1	3	V	334-440 mL/ha							X	
							267-364 mL/ha		X						
Scorpio Ant and Insect Bait	spinosad	5	12	1	3	V	35-45 kg/ha							S	See Hub or label for application details.

Product Name	Chemical Name	Group	REI (hr)	PHI (day)	Max. App.	Bee Toxicity	Rate	Registration status ¹						Comments	
								Aphids	Leafrollers	Leafhoppers	TSSM	JB	SWD		
Success	spinosad	5	When dry	1	3	V	145-182 mL/ha		X						
							165-220 mL/ha						X		
Agri-Mek SC	abamectin	6	12	7	2	V	225 mL/ha				X				. Use an adjuvant, where permitted, for optimum control. See label for more details.
Bioprotec PLUS	<i>Bacillus thuringiensis subsp. kurstaki</i>	11	4 hr /when dry	0	NA	N	0.9-1.8 L/ha		X						Acidify spray mix to below pH 7.0 and apply on cloudy days or in the evening.
Dipel 2X DF	<i>Bacillus thuringiensis subsp. kurstaki</i>	11	4 hr /when dry	0	NA	N	525-1125 g/ha		X						
Intrepid	methoxyfenozide	18	12	3	3 (2L/ha)	N	500-750 mL/ha		X						Sequential applications must be at least 30 days apart.
Kanemite 15 SC	acequinocyl	20 B	12	1	4.1 L/ha	N	2.07 L/ha				X				
Acramite 50 WS	bifenazate	20 D	12	1	1	M	851 g/ha				X				
Nexter	pyridaben	21	24	Post-harvest	2 (2L/ha)	V	0.5-1 L/ha				X				Post-harvest application only.
Magister SC	Fenazaquin	21	12 ² /48 ³	7	1	V	1.75-2.34 L/ha				X				Apply in a minimum of 500 L water/ha.
Oberon Flowable	spiromesifen	23	12	3	3	S	880 – 1160 mL/ha				X				Avoid application during bloom.
Movento 240 SC	spirotetramat	23	12	3	3	V	220-365 mL/ha	X							Apply postbloom in a minimum of 300 L water/ha when aphids are first observed.

Product Name	Chemical Name	Group	REI (hr)	PHI (day)	Max. App.	Bee Toxicity	Rate	Registration status ¹						Comments
								Aphids	Leafrollers	Leafhoppers	TSSM	JB	SWD	
Exirel	cyantraniliprole	28	12	1	4 (4.5 L/ha)	V	1-1.5 L/ha						X	Use an adjuvant, where permitted, for optimum control. See label for more details. Do not tank-mix or make sequential applications with Group 11 fungicides, copper fungicides, Captan or Maestro. See product label for numerous other tank-mix restrictions.
Harvanta 50 SL	cyclaniliprole	28	12	1	3 (4.8L/ha)	V	1.2-1.6 L/ha						X	
Spear T	GS-omega/kappa-Hctx-Hv1a	32	4 hr /when dry	0	6	U	9.4-28 L/ha						S	Use a spreader/sticker or non-ionic surfactant at 0.125% where permitted. See label, and Adjuvants Used in Fruit Crops , for more information. Apply in a minimum 187 L water/ha.
Kopa	potassium salts of fatty acids	NC	When dry	0	NA	N	2% v/v in 700-1900 L water/ha	X			X			Applying soaps more than 3 times may cause plant injury. See label for details. Avoid application in direct sunlight or to plants under stress. Application within 3 days of sulphur may increase plant injury on sensitive plants.
SuffOil-X	80% Mineral Oil	NC	12	12hrs	8	N	13 L/1000L water				S			See HUB for restrictions. Do not use within 48 hours of freezing temperatures, when temperatures are high (over 30°C), prior to rain or to heat- or moisture-stressed crop. Do not use within 14 days of using Captan, Maestro, copper fungicides or sulphur.
Purespray Green Spray Oil 13 E	mineral oil	NC	12	NA	8	N	10 L/1000L water				S			
Surround WP	kaolin	NC	12	0	NA	I	25 kg/ha			X				See HUB for application directions. Do not apply during bloom or when fruit is present.
Vegol Crop Oil	canola oil	NC	12	0	HUB	N	2% v/v in 700-1900 L water/ha	X			X			See HUB for restrictions. Do not apply oil within 48 hours of freezing temperatures, when temperatures are high (above 30°C), prior to rain or to heat- or moisture-stressed crop. Do not use within 14 days of Captan, Maestro or copper and 30 days of sulphur.

¹Registration status: cells shaded indicate the product is registered for control (X) or suppression only (S) on that pest.

²general re-entry.

³handset irrigation

⁴hand pruning

⁵training

⁶harvest

Table 2. Summary of fungicides registered for use on raspberries for common pests. For other pest not listed below (cane botrytis, crown gall, fire blight) please refer to the HUB. Products are sorted by FRAC group. Entries listed as 'HUB' indicate information is too detailed to include in this table. Refer to the Hub for full details.

Rust= late leaf rust or yellow rust. PM= powdery mildew. Phytophthora= Phytophthora root rot.

Bee Toxicity: N=Non toxic. S= slightly toxic. M=moderately toxic. V=Very toxic. I= irritant. U= unknown.

NA= information is not specified on label.

Product Name	Chemical Name	Group	REI (hr)	PHI (day)	Max. App.	Bee Toxicity	Rate	Registration status ¹						Comments	
								Anthraco	Spur blight	Botrytis	Leaf spot	Rust	PM		Phytophthora
Lime Sulphur	calcium polysulphide	M	48	¼ inch green	NA	N	26 L/1000 L water		X			X			Do not use later than ¼-inch green. Do not spray on wet foliage.
Maestro 80 WSP; Supra Captan 80 WSP	captan	M	12hrs ² /6 days ^{4,6} /7 days ³	6	6	M	2.5 kg/ha			X					Apply in 1,000 L water/ha. Do not use within 14 days of oil or as a tank-mix or sequential application with products such as Exirel, Fontelis or Timorex Gold. Note REI is 6 -8 days for hand harvest.
Captan 480 SC	captan	M	12hrs ² /6 days ⁴ /7 days ³	8	6	M	4.15 L/1,000 L water/ha		X	X					
Senator 50 SC	Thiophanate-methyl	1	12 ² /24 ^{3,4}	1	2 (3.08 L/ha)	N	700 mL/1000L water			X	R		X		
Thief 50 SC	Thiophanate-methyl	1	12 ² /24 ^{3,4}	1	3.08 L/ha	N	700 mL/1000L water			X	R		X		
Bumper 432 EC	propiconazole	3	12	30	2	N	300 mL/ha					X			Registered for yellow rust. Apply in a minimum of 500 L water/ha.
Fitness	propiconazole	3	4 ⁵ /72 ²	30	2	N	300 mL/ha					X			
Princeton	propiconazole	3	4 ⁵ /72 ²	30	2	N	300 mL/ha					X			
Nova	myclobutanil	3	12	6	3	N	340 g/ha						X		Registered for yellow rust. Apply with a minimum of 250 L water/ha.
							175 g/ha					X			

Product Name	Chemical Name	Group	REI (hr)	PHI (day)	Max. App.	Bee Toxicity	Rate	Registration status ¹							Comments
								Anthraco	spur blight	Botrytis	Leaf spot	Rust	PM	Phytophthora	
Orondis Gold	metalaxyl-M and S-isomer + oxathiapiprolin	4+49	12	30	2	U	4.57 L/ha							X	Make first application before plants start to grow in the spring. Apply as a drench or through irrigation water. Use at least 2000 L water/ha. For effective control, ensure that the product solution thoroughly wets the target root zone.
Ridomil Gold 480 SL	metalaxyl-M and S	4	12	Post-harvest	NA	N	37 mL/100m of row							X	Apply as a soil drench in a 1 m band centred over the row. Use at least 2,500 L of water/ha. Apply before mid to late October (before the ground is frozen). See HUB or label for directions for use on non-bearing plants.
Cantus WDG; Cabil	boscalid	7	12	0	4	N	560 g/ha			X					
Fontelis	penthiopyrad	7	12	0	5 (5.25 L/ha)	N	1-1.75 L/ha					X			Registered for late leaf rust and yellow rust. Fontelis contains mineral oil in the formulation. Tank-mixing or rotating with oil-sensitive products (e.g., captan, sulphur) may cause crop safety issues. See label for tank-mix restrictions.
Kenja 400 SC	isofetamid	7	12	7	3	N	0.987-1.24 L/ha			X					
Sercadis	fluxapyroxad	7	12	0	3	N	250-666 mL/ha			S	X				
Pristine WG; Empire	boscalid + pyraclostrobin	7+11	When dry ² /24 ^{4,6,7}	1	4	N	1.3-1.6 kg/ha			X					Do not tank-mix or make sequential applications with Exirel.
Scala SC; Impala	pyrimethanil	9	12	0	2	N	2 L/ha			X					
Switch 62.5 WG; Button	cyprodinil + fludioxonil	9+12	12	1	3	N	775-975 g/ha			X					
Tanos	famoxadone + cymoxanil	11+27	9 days ² / 11 days ³	9	3	N	840 g/ha	X	X						Do not tank-mix or make sequential applications with Exirel.
Elevate 50 WDG	fenhexamid	17	12	1	4	N	1.7 kg/ha			X					

Product Name	Chemical Name	Group	REI (hr)	PHI (day)	Max. App.	Bee Toxicity	Rate	Registration status ¹							Comments	
								Anthraco	spur blight	Botrytis	Leaf spot	Rust	PM	Phytophthora		
Diplomat 5 SC	polyoxin D zinc salt	19	When dry	0	2.77 L/ha	N	463-926 mL/ha			S						
							926 mL/ha						X			
Torrent 400 SC	cyazofamid	21	12	90	2	U	250 mL/ha								X	Apply in up to 1,000 L water/ha in early spring but at least 90 days before harvest. Reapply after harvest when conditions favour disease development (high soil moisture and cool temperatures). Apply as a high-volume soil drench. Do not use with a surfactant.
Timorex Gold	tea tree oil	46	4 hr /when dry	2	NA	N	1.5-2 L/ha			X						Do not tank-mix or alternate with captan or sulphur products. See label for precautions on compatibility.
Property 300 SC	pyriofenone	50	12	0	1.2 L/ha	N	300-366 mL/ha						S			
Ecoswing	<i>Swinglea glutinosa extract</i>	BM1	4hr/ when dry	0	10	U	1.75-2.35 L/ha			S						Partial suppression of botrytis only.
ProBLAD	BLAD polypeptide	BM1	12	0	5	U	2-3.3 L/ha			X						Maintain agitation of spray mix.
Serifel	<i>Bacillus amyloliquifaciens strain MBI 600</i>	BM2	4 hr/when dry	0	NA	N	0.25-0.5 kg/ha			S						Should be applied shortly after mixing. Do not store mixed suspension overnight.
Serenade OPTI	<i>Bacillus subtilis strain QST 713</i>	BM2	4 hr/when dry	0	NA	N	1.7-3.3 kg/ha			S						
MustGrow	Oriental mustard meal	NC	24 after activation with water in soil.	NA	1	U	1121-2240 kg/ha								S	Apply in early spring, when soil temperatures are above 10°C, but at least 2 weeks before planting. Incorporate into the upper soil layer to a depth of 10–15 cm, followed by irrigation to ensure the top 10–15 cm of soil is well-moistened.

Product Name	Chemical Name	Group	REI (hr)	PHI (day)	Max. App.	Bee Toxicity	Rate	Registration status ¹						Phytophthora	Comments
								Anthraco	spur blight	Botrytis	Leaf spot	Rust	PM		
SuffOil-X	80% Mineral Oil	NC	12	12hrs	8	N	13 L/1000L water						S		See HUB for restrictions. Do not use within 48 hours of freezing temperatures, when temperatures are high (over 30°C), prior to rain or to heat- or moisture-stressed crop. Do not use within 14 days of using Captan, Maestro, copper fungicides or sulphur. Do not apply to wet foliage.
Purespray Green Spray Oil 13 E	<i>mineral oil</i>	NC	12	NA	8	N	10 L/1000 L water						S		
Vegol Crop Oil	canola oil	NC	12	0	HUB	N	2% v/v in 700-1900 L water/ha						S		See HUB for restrictions. Do not apply oil within 48 hours of freezing temperatures, when temperatures are high (above 30°C), prior to rain or to heat- or moisture-stressed crop. Do not use within 14 days of Captan, Maestro or copper and 30 days of sulphur. Do not apply to wet foliage.
LifeGard WG	<i>Bacillus mycoides</i> isolate J	P6	4 hr/when dry	0	NA	M	70-333 g/ha			S					Apply 0.33 g per L water. See label for suggested volumes. This product works by activating the plant's defense mechanism and is most effective when it is applied before infection. Do not apply to stressed plants.
Aliette	<i>fosetyl al</i>	P7	12 ² /48 ³	60	4	N	5.5 kg/ha							X	Do not tank-mix with copper, foliar fertilizers or surfactants. Apply after bud break at 7 cm of new growth. Apply to foliage. Reapply 3–4 weeks later, if needed. For post-harvest applications apply at least 30 days before leaf drop. Maximum 2 applications in the spring, and 2 applications in the fall.
Phostrol	<i>mono- and dibasic sodium, potassium and ammonium phosphites</i>	P7	12	0	4	N	5.2 L/ha							S	Do not tank-mix with copper, foliar fertilizers or surfactants. Apply to foliage. Reapply 3–4 weeks later, if needed. For post-harvest applications, apply at least 30 days before leaf drop.

¹ Registration status: cells shaded indicate the product is registered for control (X) or suppression only (S). XR indicates resistance to this disease has occurred in some areas.

² general re-entry.

³ handset irrigation

⁴ training

⁵ re-entry with personal protective equipment for short term tasks that do not require hand labour

⁶ hand harvest

⁷ hand pruning