

Pest Control Product Summary Table- Strawberry 2026

The information in these tables is a summary of the strawberry 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 strawberry-specific comments. Use products only for pests listed on the label for strawberry. Refer to the Hub for pest efficacy.

Table 1. Summary of insecticides and miticides registered for use on strawberries for common pests. For other pest not listed below (slugs, black vine weevil, Japanese beetle, cutworm, leafrollers) please refer to the HUB. Products are sorted by IRAC group.

SWD= Spotted wing drosophila. PLH=potato leafhopper. TPB= tarnished plant bug. CM=Cyclamen mite. TSSM= two spotted spider mite. Aphids= strawberry aphids

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

Insecticides may be very toxic to bees. Do not spray when bees are active. Spray in the evening. See HUB for more details.

Product Name	Chemical Name	Group	REI (hr)	PHI (day)	Max. App.	Bee Toxicity	Rate	Registration status ¹							Comments	
								Aphids	Clipper weevil	SWD	PLH	TPB	Thrips	CM		TSSM
Diamante 4; Lagon 480 E	dimethoate	1B	48	7	2	V	2.25 L/ha	X								Do not apply during bloom or when bees are active.
Cygon 480-AG	dimethoate	1B	48	7	2	V	2.75 L/ha					X				Do not apply during bloom or when bees are active.
							2.25 L/ha	X								
Malathion 85 E	malathion	1B	12	3	2	V	880 mL/ha					X				Do not apply when bees and beneficial insects are active.
							975 mL/ha				X					
							1-2.5 L/ha			X						
Decis 100 EC	deltamethrin	3	12	14	2	V	100 mL/ha					X			These products are toxic to bees exposed to direct treatment or residues on bloom crops and weeds. Products from this group may lead to mite or thrips outbreaks.	
Poleci 2.5 EC	deltamethrin	3	12	14	2	V	400 mL/ha					X				
Labamba; Matador 120 EC; Silencer 120 EC; Zivata	lambda-cyhalothrin	3	12	7	3	V	104 mL/ha		X				X			
							Up-Cyde 2.5 EC	cypermethrin	3	12	280 mL/ha		X			
				400 mL/ha										X		
				2	3	V	245-285 mL/ha			X						
Assail 70 WP; Aceta 70 WP	acetamiprid	4A	12	1	2	M	56-86 g/ha	X			X					These products are toxic to bees exposed to direct treatment or residues on bloom crops and weeds. Do not apply during bloom. Max. 2 applications of group 4A per season.
							84-210 g/ha					X				
Admire 240 Flowable	imidacloprid	4A	12	7	2	V	175 mL/ha	X			S					Apply Admire post-bloom only. Do not apply pre-bloom or during bloom or when bees are actively foraging.

Product Name	Chemical Name	Group	REI (hr)	PHI (day)	Max. App.	Bee Toxicity	Rate	Registration status ¹								Comments
								Aphids	Clipper weevil	SWD	PLH	TPB	Thrips	CM	TSSM	
Cormoran	Acetamiprid + novaluron	4A + 15	12	1	3	V	500-750 mL/ha	X			X					Max. 2 applications of group 4A per season. Do not apply during bloom or when bees are active.
							900 mL/ha		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	280 g/ha			X			S			These products are toxic to bees exposed to direct treatment or residues on bloom crops and weeds
Entrust	spinosad	5	When dry	1	3	V	292-364 mL/ha			X						
Success	spinosad	5	When dry	1	3	V	145-182 mL/ha			X						
Scorpio Ant and Insect Bait	Spinosad	5	12	1	3	V	35-45 kg/ha			S						See HUB or label for details on application.
Agri-Mek SC ²	abamectin	6	12	3	2	V	225 mL/ha							X	X	Apply with a surfactant at 0.1-0.5%, where permitted, for optimum control.
Rimon 10 EC	novaluron	15	12	1	3	M	835 mL/ha					X				Apply when nymphs are in early instar stages. Do not use when bees are active.
Magister SC	Fenazaquin	21	12/48 ³	1	1	V	1.75-2.34 L/ha								X	Apply in a minimum 500 L water/ha. Avoid applications during bloom or when bees are active.
							2.63 L/ha							X	Apply in a minimum 1,000 L water/ha. Use with a surfactant at 0.25%, where permitted, for optimum control.	
Nexter SC	pyridaben	21	24	10	2 (2L/ha)	V	0.5 – 1L/ha								X	Do not spray when bees are active.
Oberon Flowable	spiromesifen	23	12	3	3	S	880- 1160 mL/ha								X	Avoid application during bloom.
Nealta	cyflumetofen	25	12	1	2	N	1 L/ha								X	The use of an adjuvant may improve performance, where permitted
Exirel	cyantraniliprole	28	12	1	4 (4.5 L/ha)	V	0.5-1.5 L/ha	X								Apply with a surfactant where permitted. Do not tank-mix or make sequential applications with certain products such as Group 11, copper fungicides, captan, folpan, Bravo or Echo. Do not apply when bees and beneficial insects are active.
							1-1.5 L/ha			X		S				
Harvanta 50 SL	cyclaniliprole	28	12	1	3 (4.8 L/ha)	V	1.2-1.6 L/ha			X			S			Do not apply when bees and beneficial insects are active.

Product Name	Chemical Name	Group	REI (hr)	PHI (day)	Max. App.	Bee Toxicity	Rate	Registration status ¹							Comments			
								Aphids	Clipper weevil	SWD	PLH	TPB	Thrips	CM		TSSM		
Beleaf 50 SG	flonicamid	29	12	0	3 (600 g/ha)	N	120-160 g/ha	X										
							200 g/ha					S						
							200-300 g/ha						X					
Kopa	potassium salts of fatty acids	NC	When dry	0	NA	N	2% v/v in 700-1900 L/ha	X								X	Avoid application in direct sunlight or to plants under stress. Application within 3 days of sulphur may increase plant injury on sensitive plants.	
Purespray Green Spray Oil 13 E	mineral oil	NC	12	NA	8	N	10 L/1000L water									S	See HUB for restrictions. Do not use within 14 days of Bravo, Echo, Captan, Maestro, Folpan, Cygon, Lagon or sulphur.	
SuffOil-X	mineral oil	NC	12	12 hrs	8	N	10 L/1000L water										X	See HUB for restrictions. Do not use within 14 days of Captan, Maestro, Folpan, copper fungicides or sulphur. Deters aphid feeding.
Surround WP	kaolin	NC	12	0	NA	I	25 kg/ha				X							Do not apply during bloom or when fruit is present. Do not use with oil, anti-foaming agents, or spreader/stickers.
Vegol Crop Oil	canola oil	NC	12	0	4	N	2% in 700-1900 L water/ha	X							X	X	See HUB for restrictions. Do not use within 14 days of using Captan, Maestro, Folpan or copper fungicides and 30 days of sulphur.	

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

² Agri-mek: registered for cyclamen mite control pre harvest ONLY

³ Restricted entry interval: 48 hours for handset irrigation, 12 hours all other activities.

Table 2. Summary of fungicides registered for use on strawberries for common pests. For other pest not listed below (Angular leaf spot, Red stele, black root rot, nematodes, leather rot) please refer to the HUB. Products are sorted by FRAC group.

PM=powdery mildew. CLS=common leaf spot.

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

Product Name	Chemical Name	Group	REI (hr)	PHI (day)	Max. App.	Bee Toxicity	Rate	Registration status ¹				Comments
								Botrytis	Anthraco	PM	CLS	
Bravo ZNC	chlorothalonil	M	12	30	3	N	3.5 L/ha	X				Maximum 2 applications in the spring, 1 post-harvest. Do not use within 10 days of oil. Do not tank mix or make sequential applications with Exirel.
Echo NP	chlorothalonil	M	12	30	3	N	2.5 L/ha	X				
Captan 480 SC	captan	M	9 days ² /8 days ³ /12 hrs ⁴	8	6	M	5.8 L/ha	X			X	See HUB or label for restrictions and more details. Apply in 1000 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.
Sharda Captan 48 SC	Captan	M	9 days ² /8 days ³ /12 hrs ⁴	8	6	M	5.8 L/ha	X				
Supra Captan 80 WSP; Maestro 80 WSP	captan	M	9 days ² /6 days ³ /12 hrs ⁴	6	6	M	3.5 kg/ha	X			X	
Folpan 80 WDG	folpet	M	11 days ³ /12 hr ⁴	11	6	N	2.5 kg/ha	X			X	
Copper 53 W	tri-basic copper sulphate	M	48	2	5	M	3.8 kg/ha				X	Apply alone in 1000 L water/ha
Cueva	copper octanoate	M	4	1	3	N	0.5-2% solution v/v in 470-940 L water/ha			X		
Senator 50 SC; Thief 50 SC	thiophanate-methyl	1	12	1	2 or 3.08 L/ha	N	700 mL/1000 L water	X			X	Resistance develops rapidly. Tank-mix with a compatible Group M fungicide, where permitted.
Cevya	mefentrifluconazole	3	12	0	1.125 L/ha	N	250-375 mL/ha	S				
Bumper 432 EC; Fitness; Princeton	propiconazole	3	12	1	4	N	300 mL/ha				X	Do not make more than 2 sequential applications. REI for Fitness or until sprays have dried.
Mettle 125 ME	tetraconazole	3	12	0	4	N	219-365 mL/ha			X		

Product Name	Chemical Name	Group	REI (hr)	PHI (day)	Max. App.	Bee Toxicity	Rate	Registration status ¹				Comments
								Botrytis	Anthraco	PM	CLS	
Fullback 125 SC	flutriafol	3	12	8	2.05 L/ha	M	512-1024 mL/ha			X		Use an adjuvant, where permitted, for optimum control
Nova	myclobutanil	3	12 ⁴ /48 ^{3,5}	3	6	N	340 g/ha			X		
Inspire Super	difenoconazole + cyprodinil	3 + 9	12	1	3	N	1161-1475 mL/ha	X	S			Do not apply more than 2 applications of Inspire Super or other Group 9 containing fungicide before alternating to a fungicide with a different mode of action. Maximum 1 application of a group 9 containing fungicide is recommended for botrytis control per 3 fungicide treatments. Do not make more than 4 applications of cyprodinil-containing products (Switch, Inspire Super) on strawberries per year.
Quadris Top	difenoconazole + azoxystrobin	3 + 11	12	1	3	N	0.87-1 L/ha		X R	X		Do not tank-mix or make sequential applications with Exirel.
Cantus WDG	boscalid	7	12	0	5	N	560 g/ha	X				Use once then rotate to a different fungicide group.
Sercadis	fluxapyroxad	7	12	0	3	N	250-333 mL/ha			X		
							500-666 mL/ha	S				
Kenja 400 SC	isofetamid	7	12	0	5	N	0.987- 1.24 L/ha	X				
Fontelis	penthiopyrad	7	12	0	5.25 L/ha	N	1-1.75 L/ha	X		X		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.
Luna Tranquility	fluopyram + pyrimethanil	7+9	12	1	2	N	1.2 L/ha	X		X	X	
Luna Sensation	fluopyram & trifloxystrobin	7+ 11	12	0	1.98 L/ha	N	500-600 mL/ha	X	X R			Do not tank-mix or make sequential applications with Exirel.
							300-400 mL/ha			X		

Product Name	Chemical Name	Group	REI (hr)	PHI (day)	Max. App.	Bee Toxicity	Rate	Registration status ¹				Comments	
								Botrytis	Anthraco	PM	CLS		
Merivon	Fluxapyroxad + pyraclostrobin	7+ 11	24 ^{3,5} /12 ⁴	1	3	N	400-800 mL/ha		X	R			Do not tank-mix or make sequential applications with Exirel.
							600-800 mL/ha	S					
							400-600 mL/ha			X			
Pristine WG; Empire WG	boscalid + pyraclostrobin	7+ 11	24 hr ^{3,5} /when dry ⁴	1	5	N	1.3-1.6 kg	X	X	R		X	
							1.6 kg/ha			X			
Miravis Prime	pydiflumetofen + fludioxonil	7+ 12	12	1	2L/ha	N	1 L/ha	X	X				Do not make more than 4 applications of fludioxonil-containing products (e.g. Switch, Miravis Prime, Button, Scholar) on strawberries per year.
Impala; Scala	Pyrimethanil	9	12	1	3	N	2 L/ha	X					
Switch 62.5 WG; Button	cyprodinil + fludioxonil	9+ 12	12	1	3	N	775-975 g/ha		X				Do not make more than 4 applications of fludioxonil-containing products (e.g. Switch, Miravis Prime, Button, Scholar) on strawberries per year. Do not make more than 4 applications of cyprodinil-containing products (Switch, Inspire Super) on strawberries per year.
							975 g/ha	X					
Cabrio EG	pyraclostrobin	11	12	1	5	N	1 kg/ha		X	R			Do not tank mix or make sequential applications with Exirel.
Evito	fluoxastrobin	11	12	0	4 (1.12 L/ha)	U	146-280 mL/ha		X	R			
Flint Extra	trifloxystrobin	11	12	0	3	N	145 mL/ha				X		
Intuity	mandestrobin	11	12	0	3.5 L/ha	N	439-877 mL/ha	X					
Elevate 50 WDG	fenhexamid	17	12	1	4	N	1.7 kg/ha	X					
Diplomat 5 SC	polyoxin D zinc salt	19	When dry	0	2.778 L/ha	N	463-926 mL/ha		X				
							259-926 mL/ha	S		S			

Product Name	Chemical Name	Group	REI (hr)	PHI (day)	Max. App.	Bee Toxicity	Rate	Registration status ¹				Comments
								Botrytis	Anthraco	PM	CLS	
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
							2-3 L/ha			S		
Property 300 SC	pyriofenone	50	12	0	1.2 L/ha	N	300-366 mL/ha			S		Do not make more than 2 consecutive applications before rotating to a different fungicide group.
Ecoswing	<i>Swinglea glutinosa extract</i>	BM1	4 hr/when dry	0	10	U	1.75-2.35 L/ha	S				Partial suppression of botrytis only.
ProBLAD	BLAD polypeptide	BM1	12	0	5	N	1.5-3.3 L/ha	X		S		Maintain agitation of spray mix.
Double Nickel LC	<i>Bacillus amyloliquefaciens</i>	BM2	When dry	0	NA	N	5-12.5 L/ha	S		S		
Rootshield HC	<i>Trichoderma harzianum</i> strain KRL-AG2	BM2	4 hr/when dry	0	NA	U	10 kg/1000 L water	S				Agitation required to maintain suspension.
Serenade OPTI	<i>Bacillus subtilis</i>	BM2	4 hr/when dry	0	NA	N	1.7-3.3 kg/ha	S				
Serifel	<i>Bacillus amyloliquifaciens</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.
Actinovate SP	<i>Streptomyces lydicus</i>	BM2	4 hr/when dry	0	NA	N	425 g/ha in 1100 L water/ha	S		S		May reduce symptoms of but does not provide control or suppression of anthracnose. Do not combine with other pesticides, adjuvants, surfactants, or foliar fertilizers.
Milstop	potassium bicarbonate	NC	4 hr/when dry	0	10	N	2.8-5.6 kg/ha			S		See HUB or label for details on application. Do not tank-mix with pH adjusters, oil or products not compatible with mild alkaline solutions.
OxiDate	hydrogen peroxide + peroxyacetic acid	NC	4 hr/when dry	0	8	M	1% v/v	S				See HUB or label for restrictions and more details on application. Do not spray during conditions of intense heat, drought, or poor plant vigour.
Purespray Green Spray Oil 13 E	mineral oil	NC	12	NA	8	N	10 L/1000L water			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 Bravo, Echo, Captan, Maestro, Folpan, Cygon, Lagon or sulphur.
SuffOil-X	mineral oil	NC	12	12hr	8	N	13 L/1000 L water			S		

Product Name	Chemical Name	Group	REI (hr)	PHI (day)	Max. App.	Bee Toxicity	Rate	Registration status ¹				Comments
								Botrytis	Anthraco	PM	CLS	
Vegol Crop Oil	canola oil	NC	12	0	4	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, Folpan, or copper fungicides and 30 days of sulphur.
Tivano Plus	citric acid + lactic acid	NC	4 hr/when dry	0	NA	N	1-1.4 % v/v			S		Use a surfactant, where permitted, for optimum control. Also registered for angular leaf spot suppression at a rate of 1.7% v/v. Do not use silicone-based surfactant if angular leaf spot disease is active.
LifeGard WG	<i>Bacillus mycoides</i> isolate J	P6	4 hr/when dry	0	NA	M	70-333 g/ha	S	X	S	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.
Regalia Maxx	extract of <i>Reynoutria sachalinensis</i>	P5	When dry	0	NA	N	0.125-0.25% v/v			S		Apply in 500-1000 L water/ha
							0.25% v/v	S				
Gatten	Flutianil	U13	12	0	5	U	440-590 mL/ha			X		Apply in 470-1870 L water/ha. The registrant recommends the addition of a registered surfactant to improve coverage. Contact Cohort Wholesale for more information.

¹Registration status: cells shaded indicate the product is registered for control (X) or suppression only (S) on that pest. XR indicates pathogen resistance to the fungicide or fungicide group has occurred in some areas.

² Restricted entry interval for handset irrigation

³ Restricted entry interval for hand harvest

⁴ General re-entry

⁵ Restricted entry interval for pinching, pruning, training