

2023-2923
2023-07-06



GROUP	3	INSECTICIDE
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DANITOL[®] INSECTICIDE

EMULSIFIABLE CONCENTRATE
INSECTICIDE - MITICIDE
COMMERCIAL

ACTIVE INGREDIENT	
Fenpropathrin.....	30.9%

**KEEP OUT OF REACH OF CHILDREN
READ THE LABEL BEFORE USING**

REGISTRATION NO.: 33817
PEST CONTROL PRODUCTS ACT

NET CONTENTS: 1L - bulk



**DANGER - EYE IRRITANT
SKIN IRRITANT, POTENTIAL SKIN SENSITIZER**

Valent Canada, Inc.
201-230 Hanlon Creek Blvd.
Guelph, Ontario
N1C 0A1
www.valent.ca
1-800-682-5368

NOTICE TO USER:

This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *PEST CONTROL PRODUCTS ACT* to use this product in a way that is inconsistent with the directions on the label.

FIRST AID:

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control centre or doctor for treatment advice.

IF ON SKIN

OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control centre or doctor for treatment advice.

IF INHALED: Move the person to fresh air. If the person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice.

IF SWALLOWED: Call a poison control centre or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.

Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

TOXICOLOGICAL INFORMATION:

This product contains petroleum distillates. Vomiting may cause aspiration pneumonia. Skin exposure may cause transient sensations (tingling, burning, itching, numbness). Treat symptomatically.

ENVIRONMENTAL PRECAUTIONS:

TOXIC to aquatic organisms and terrestrial plants. Observe buffer zones and vegetative filter strips specified under DIRECTIONS FOR USE.

TOXIC to birds and small wild mammals.

TOXIC to bees. Bees may be exposed through direct spray, spray drift, and residues on leaves, pollen and nectar in flowering crops and weeds. Minimize spray drift to reduce harmful effects on bees in habitats close to the application site. Avoid applications when bees are foraging in the

treatment area in ground cover containing blooming weeds. To further minimize exposure to pollinators, refer to the complete guidance “Protecting Pollinators during Pesticide Spraying – Best Management Practices” on the Health Canada website (www.healthcanada.gc.ca/pollinators). Follow crop specific directions for application timing.

For applications on crops that are with high pollinator exposure (bushberry and caneberry, , stone fruit, pome fruit and tree nuts) or when using managed bees for pollination services:

DO NOT apply during the crop blooming period.

For applications on cucurbits:

Avoid application during the crop blooming period. If applications must be made during the crop blooming period, restrict applications to the evening after flower petals have closed.

For applications on all other crops (except for Brassica, which are harvested before bloom):

- Avoid application during the crop blooming period. If applications must be made during the crop blooming period, restrict applications to evening when most bees are not foraging.

Toxic to certain beneficial arthropods (which may include predatory and parasitic insects, spiders, and mites). Minimize spray drift to reduce harmful effects on beneficial arthropods in habitats next to the application site such as hedgerows and woodland. Fenprothrin may impact predatory and parasitic arthropod species used in IPM programs within the treatment area. Unsprayed refugia for beneficial species of at least 1 metre from treatment area will help maintain beneficial arthropod populations.

This product contains aromatic petroleum distillates that are toxic to aquatic organisms.

To reduce runoff from treated areas into aquatic habitats, avoid application to areas with a moderate to steep slope, compacted soil, or clay.

Avoid application when heavy rain is forecast.

As this product is not registered for the control of pests in aquatic systems, DO NOT use to control aquatic pests.

DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

To reduce risk to aquatic organisms from run-off, a vegetative filter strip of at least 10 metres wide between the field edge and adjacent, downhill aquatic habitats must be observed, as specified under DIRECTIONS FOR USE.

IN CASE OF EMERGENCY INVOLVING A POISONING OR MAJOR SPILL CALL

1-800-682-5368

PRECAUTIONS:

KEEP OUT OF THE REACH OF CHILDREN.

Fatal or poisonous if swallowed. Severely irritating to the eye. **DO NOT** get in eyes. Causes skin irritation. **DO NOT** get on skin. Potential skin sensitizer. Wear protective eyewear (goggles or face shield). Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Remove contaminated clothing and wash clothing before reuse.

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove personal protective equipment (PPE) immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

Airblast: Wear coveralls over a long-sleeved shirt, long pants, chemical-resistant gloves, socks and chemical-resistant footwear during mixing, loading, application, clean-up and repair. In addition, wear chemical-resistant headgear during open cab airblast application. Chemical-resistant headgear includes Sou'Wester hat, chemical-resistant rain hat or large brimmed waterproof hat and hood with sufficient neck protection. Gloves are not required during application within a closed cab. In addition, wear protective eyewear (goggles or faceshield) during mixing, loading, application, clean-up and repair. When applying more than 39 L of Danitol Insecticide per day, chemical resistant coveralls are required.

All other application equipment: Wear coveralls over long-sleeved shirt and long pants, chemical-resistant gloves, socks and chemical-resistant footwear during mixing, loading, application, clean up and repair. In addition, wear protective eyewear (goggles or face shield) during mixing and loading. Gloves are not required during application within a closed cab.

DO NOT apply using handheld mist blower/ airblast or handheld fogging equipment.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Apply only when the potential for drift to areas of human habitation or areas of human activity such as houses, cottages, schools and recreational areas is minimal. Take into consideration wind speed, wind direction, temperature inversions, application equipment and sprayer settings. Do not apply under conditions involving possible drift to food, forage or other plantings that might be damaged or the crop thereof, rendered unfit for sale, use or consumption.

Do not apply this product through any type of irrigation system. Not for use in or around residential areas.

DO NOT enter or allow worker entry into treated areas during the restricted-entry intervals (REIs) specified in the following table:

Crop	Postapplication activity	Restricted-entry interval (REI) and/or Pre-harvest interval (PHI)
Bushberry and Caneberry Crop Subgroups	Hand set irrigation (all berries)	17 days
	Tying/training (raspberry), hand harvesting (all berries excluding lowbush blueberries), mechanically-assisted harvesting (all berries)	15 days
	Hand harvesting (lowbush blueberry), scouting (lowbush blueberry)	13 days
	Scouting (all berries excluding lowbush blueberries), hand weeding (all berries), hand pruning (all berries), bird control (Saskatoon berry), frost control (Saskatoon berry)	7 days
	Mechanical harvesting (all berries)	3 days
	All other activities (all berries)	24 hours
Succulent Peas	Hand set irrigation	11 days
	Harvesting	7 days
	All other activities	24 hours
Cucumbers	Hand set irrigation	15 days
	Harvesting, training	7 days
	All other activities	24 hours
Cucurbit Vegetables Crop Group (except cucumbers)	Hand set irrigation	20 days
	Hand harvesting, mechanically-assisted harvesting, training	9 days
	Mechanical harvesting	7 days
	All other activities	24 hours
Tomatoes	Hand set irrigation	17 days
	Hand harvesting, mechanically assisted harvesting, tying/training	6 days
	Mechanical harvesting	3 days
	All other activities	24 hours
Fruiting Vegetables Crop Group (except tomatoes)	Hand set irrigation	11 days
	Hand harvesting, mechanically assisted harvesting, tying/training	7 days
	Mechanical harvesting	3 days
	All other activities	24 hours
	Thinning	23 days

Pome and Stone Fruit Crop Groups	Hand harvesting, mechanically assisted harvesting	16 days
	Mechanical harvesting of pome fruit	14 days
	Scouting, hand pruning	7 days
	Mechanical harvesting of stone fruit	3 days
	All other activities	24 hours
Tree Nuts Crop Group	Scouting, hand pruning	7 days
	Mechanical harvesting	3 days
	All other activities	24 hours

If this pest control product is to be used on a commodity that may be exported to the U.S. and you require information on acceptable residue levels in the U.S., contact Valent Canada, Inc.

DISPOSAL:

For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill and for clean-up of spills.

Container Disposal Recyclable container

Do not reuse this container for any purpose. This is a recyclable container, and is to be disposed of at a container collection site. Contact your local distributor/dealer or municipality for the location of the nearest collection site. Before taking the container to the collection site:

1. Empty container thoroughly into spray tank. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank
2. Make the empty, rinsed container unsuitable for further use.

If there is no container collection site in your area, dispose of the container in accordance with provincial requirements.

STORAGE:

To prevent contamination store and transport this product away from food or feed. Keep pesticide in original container. Store in a cool, dry, secure, well-ventilated area. Do not put formulation or dilute spray solution into food or drink containers. Not for use or storage in or around the home.

RESISTANCE MANAGEMENT:

For resistance management, please note that *Danitol Insecticide* contains a Group 3 insecticide. Any insect population may contain individuals naturally resistant to *Danitol Insecticide* and other Group 3 insecticides. The resistant individuals may dominate the insect population if this group of insecticides is

used repeatedly in the same fields. Other resistance mechanisms that are not linked to site of action but are specific for individual chemicals, such as enhanced metabolism, may also exist. Appropriate resistance-management strategies should be followed.

To delay insecticide resistance:

- Where possible, rotate the use of *Danitol Insecticide* or other Group 3 insecticides with different groups that control the same pests.
- Use tank mixtures with insecticides from a different group that is effective on the target pest when such use is permitted.
- Insecticide use should be based on an IPM program that includes scouting, record keeping, and considers cultural, biological and other chemical control practices.
- Monitor treated pest populations for resistance development.
- Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and/or IPM recommendations for the specific site and pest problems in your area.
- For further information and to report suspected resistance, contact Valent Canada, Inc. at 1-800-682-5368 or at www.valent.ca.

DIRECTIONS FOR USE

GENERAL INFORMATION

As this product is not registered for the control of pests in aquatic systems, **DO NOT** use to control aquatic pests.

In some cases, tank mixing a pest control product with another pest control product or a fertilizer can result in biological effects that could include, but are not limited to: reduced pest efficacy or increased host crop injury. The user should contact Valent Canada, Inc. at 519-767-9262 for information before mixing any pesticide or fertilizer that is not specifically recommended on this label.

ROTATIONAL CROP RESTRICTIONS

A 12 month plant-back interval is required on all crops not listed on this label.

MIXING INSTRUCTIONS

Danitol Insecticide mixes readily with water.

1. Prior to mixing, clean the spray tank by following the sprayer clean-up recommendations on the previously sprayed product label.
2. Fill the spray tank one-half full of water and start agitation.
3. Add the required amount of *Danitol Insecticide* to the tank.
4. Continue agitation while filling tank to the desired spray volume.
5. Maintain agitation during mixing and spraying. **DO NOT** allow the spray mixture to stand without agitation.
6. After use, thoroughly rinse and clean the spray tank. Flush the spray equipment thoroughly following each use and apply the rinsate to a previously treated area.

Vegetative Filter Strips

A Vegetative Filter Strip (VFS) of at least 10 metres wide must be constructed and maintained. The VFS is required between the field edge and adjacent, downhill aquatic habitats to reduce risk to aquatic organisms from run-off. Aquatic habitats include, but are not limited to, lakes, reservoirs, rivers, permanent streams, marshes or natural ponds, and estuaries.

The VFS is to be composed of grasses and may also include shrubs, trees, or other vegetation. Additional guidance can be found on the PMRA Environmental Risk Mitigation webpages.

Both VFS and spray drift buffer zones must be observed.

Spray Drift Buffer Zones

Spray drift buffer zones are to protect terrestrial and aquatic habitats from spray drift. Spray drift buffer zones are a separate requirement from VFS which are required to mitigate risks from run-off.

Field sprayer application: **DO NOT** apply during periods of dead calm. Avoid application of this product when winds are gusty. **DO NOT** apply when wind speed is greater than 8 km/h at the site of application. **DO NOT** apply with spray droplets smaller than the American Society of Agricultural Engineers (ASAE S572.1) medium classification. Boom height must be 60 cm or less above the crop or ground.

Airblast application: **DO NOT** apply during periods of dead calm. Avoid application of this product when winds are gusty. **DO NOT** direct spray above plants to be treated. Turn off outward pointing nozzles at row ends and outer rows. **DO NOT** apply when wind speed is greater than 16 km/h at the application site as measured outside of the treatment area on the upwind side.

Do not apply by air

Buffer zones:

The buffer zones specified in the table below are required between the point of direct application and the closest downwind edge of sensitive terrestrial habitats (such as grasslands, forested areas, shelter belts, woodlots, hedgerows, riparian areas and shrublands), sensitive freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands) and estuarine/marine habitats.

Method of application	Crop	Buffer Zones (metres) Required for the Protection of:				
		Freshwater Habitat of Depths:		Estuarine/Marine Habitat of Depths:		Terrestrial Habitat:
		Less than 1 m	Greater than 1 m	Less than 1 m	Greater than 1 m	
	Caneberry, Bushberry	20	2	20	10	1

Field sprayer	Cucurbit vegetables, excluding cucumber	25	3	20	10	1
	Cucumber	10	1	20	10	0

	Pea, Fruiting Vegetable, except tomato	10	1	15	5	0	
	Tomato	25	3	15	5	1	
Airblast	Pome fruits, Stone fruits, Tree nuts	Early growth stage	70	45	75	65	1
		Late growth stage	60	35	65	55	1

For tank mixes, consult the labels of the tank-mix partners and observe the largest (most restrictive) buffer zone of the products involved in the tank mixture and apply using the coarsest spray (ASAE) category indicated on the labels for those tank mix partners.

The buffer zones for airblast application of this product can be modified based on weather conditions and spray equipment configuration by accessing the Buffer Zone Calculator on the Pest Management Regulatory Agency web site. Buffer zones for field sprayer CANNOT be modified using the Buffer Zone Calculator.

DIRECTIONS FOR USE ON CROP SUBGROUP 13-07A: Caneberries: blackberry (includes Andean blackberry, arctic blackberry, bingleberry, black satin berry, boysenberry, brombeere, California blackberry, Chesterberry, Cherokee blackberry, Cheyenne blackberry, common blackberry, coryberry, darrowberry, dewberry, Dirksen thornless berry, evergreen blackberry, Himalayaberry, hullberry, lavacaberry, lowberry, Lucretiaberry, mammoth blackberry, marionberry, mora, mures deronce, nectarberry, Northern dewberry, olallieberry, Oregon evergreen berry, phenomenalberry, rangeberry, ravenberry, rossberry, Shawnee blackberry, Southern dewberry, tayberry, youngberry, zarzamora, as well as cultivars, varieties and/or hybrids of these), loganberry, raspberry (red and black), wild raspberry, as well as cultivars, varieties and/or hybrids of these commodities.

PESTS	PRODUCT RATES mL/ha	SPECIAL INSTRUCTIONS
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<p>Cherry Fruitworm Japanese Beetle Leafhoppers Plum Curculio European Red Mite Twospotted Spider Mite Spotted Wing Drosophila Weevils (including Black Vine Weevil, Obscure Root Weevil, Rough Strawberry Weevil, Strawberry Root Weevil) Western Raspberry Fruitworm</p>	<p>779-1169 (224-336 g a.i./ha)</p>	<p>Apply with ground equipment in adequate water for uniform coverage (minimum of 200 L/ha by ground). Begin applications when first pest activity is noticed. A second application may be used with a minimum application interval of 14 days.</p> <p>Resistance Management: Do not make more than 2 <i>Danitol Insecticide</i> applications per year as part of a Resistance Management Program. Use non-pyrethroid products at other timings to control pests.</p> <p>Spotted Wing Drosophila: Spray may be directed to the soil to control insects present on fallen berries.</p> <p>Weevils: Monitor for pest presence and apply when adults are actively feeding on foliage.</p>
<ul style="list-style-type: none"> • Do not exceed 2 applications per year with a minimum application interval of 14 days. • Do not exceed 2.33 L/ha (672 g a.i./ha) total application of <i>Danitol Insecticide</i> per year. • Toxic to bees. DO NOT apply during bloom. 		

DIRECTIONS FOR USE ON CROP SUBGROUP 13-07B: Bushberries: aronia berry, highbush blueberry, lowbush blueberry, buffalo currant, Chilean guava, black currant, red currant, elderberry, European barberry, gooseberry, highbush cranberry, edible honeysuckle, huckleberry, jostaberry, Juneberry (Saskatoon berry), lingonberry, native currant, salal, sea buckthorn, as well as cultivars, varieties and/or hybrids of these commodities.

PESTS	PRODUCT RATES mL/ha	SPECIAL INSTRUCTIONS
Blueberry Maggot Cherry Fruitworm Japanese Beetle Leafhoppers Plum Curculio European Red Mite Twospotted Spider Mite Spotted Wing Drosophila Weevils (including Black Vine Weevil, Obscure Root Weevil, Rough Strawberry Weevil, Strawberry Root Weevil)	779-1169 (224-336 g a.i./ha)	<p>Apply with ground equipment in adequate water for uniform coverage (minimum of 200 L/ha by ground). Begin applications when first pest activity is noticed. A second application may be used with a minimum application interval of 14 days.</p> <p>Resistance Management: Do not make more than 2 <i>Danitol Insecticide</i> applications per year as part of a Resistance Management Program. Use non-pyrethroid products at other timings to control pests.</p> <p>Spotted Wing Drosophila: Spray may be directed to the soil to control insects present on fallen berries.</p> <p>Weevils: Monitor for pest presence and apply when adults are actively feeding on foliage.</p>
<ul style="list-style-type: none"> • Do not exceed 2 applications per year with a minimum application interval of 14 days. • Do not exceed 2.33 L/ha (672 g a.i./ha) total application of <i>Danitol Insecticide</i> per year. • Toxic to bees. Do not apply during bloom. 		

DIRECTIONS FOR USE ON Cucurbit Vegetables (EXCEPT CUCUMBERS): Chinese waxgourd (Chinese preserving melon), citron melon, gherkin, edible gourd (includes hyotan, cucuzza, hechima, Chinese okra), *Momordica* spp. (includes balsam apple, balsam pear, bitter melon, Chinese cucumber), muskmelon (includes true cantaloupe, cantaloupe, casaba, crenshaw melon, golden pershaw melon, honeydew melon, honey balls, mango melon, Persian melon, pineapple melon, Santa Claus melon and snake melon), pumpkin, summer squash (includes crookneck squash, scallop squash, straightneck squash, vegetable marrow, zucchini), winter squash (includes butternut squash, calabaza, hubbard squash, *Cucurbita mixta*, *C. pepo*, acorn squash, spaghetti squash), watermelon (includes hybrids and/or varieties of *Citrullus lanatus*).

PESTS	PRODUCT RATES mL/ha	SPECIAL INSTRUCTIONS
Fall Armyworm Striped Cucumber Beetle Yellowstriped Armyworm	779-1169 (224-336 g a.i./ha)	Apply with ground equipment in adequate water for uniform coverage (minimum of 200 L/ha). Begin applications when first pest activity is noticed. A total of 3 applications may be used with a minimum application interval of 7 days. Under severe pest pressure use the higher recommended rate.
<ul style="list-style-type: none"> • Do not exceed 3 applications per year with a minimum application interval of 7 days. • Do not exceed 3.118 L/ha (896 g a.i./ha) total application of <i>Danitol Insecticide</i> per year. • Toxic to bees. Avoid application during the crop blooming period. If applications must be made during the crop blooming period, restrict applications to the evening after flower petals have closed. 		

DIRECTIONS FOR USE ON CUCUMBERS		
PESTS	PRODUCT RATES mL/ha	SPECIAL INSTRUCTIONS
Fall Armyworm Striped Cucumber Beetle Yellowstriped Armyworm	779-1169 (224-336 g a.i./ha)	Apply with ground equipment in adequate water for uniform coverage (minimum of 200 L/ha). Apply when first pest activity is noticed. Under severe pest pressure use the higher recommended rate.
<ul style="list-style-type: none"> • Do not exceed 1 application per year. • Do not exceed 1169 mL/ha (336 g a.i./ha) total application of <i>Danitol Insecticide</i> per year. • Toxic to bees. Avoid application during the crop blooming period. If applications must be made during the crop blooming period, restrict applications to the evening after flower petals have closed. 		

DIRECTIONS FOR USE ON Fruiting Vegetables (EXCEPT TOMATOES): eggplant, African eggplant, pea eggplant, scarlet eggplant, garden huckleberry, goji berry, groundcherry, martynia, okra, pepino, bell pepper, non-bell pepper, sunberry, tomatillo, currant tomato, as well as cultivars, varieties and/or hybrids of these commodities.		
PESTS	PRODUCT RATE mL/ha	SPECIAL INSTRUCTIONS
Armyworm Tomato Fruitworm Spotted Wing Drosophila Stink Bugs (excluding Brown Marmorated Stink Bug) Tobacco Hornworm Tomato Hornworm Twospotted Spider Mite	779 (224 g a.i./ha)	Apply with ground equipment in adequate water for uniform coverage (a minimum of 250 L/ha). Apply when first pest activity is noticed. Twospotted Spider Mites: Treatment is recommended when mite populations are just beginning to build (less than 5 motiles/leaf). DO NOT tank mix with any copper formulations.
<ul style="list-style-type: none"> • Do not exceed 1 application per year. • Do not exceed 779 mL/ha (224 g a.i./ha) total application of <i>Danitol Insecticide</i> per year. • Toxic to bees. Avoid application during the crop blooming period. If applications must be made during the crop blooming period, restrict applications to evening when most bees are not foraging. When using managed bees for pollination services, DO NOT apply during the crop blooming period. 		

DIRECTIONS FOR USE ON TOMATOES		
PESTS	PRODUCT RATE mL/ha	SPECIAL INSTRUCTIONS
Armyworm Tomato Fruitworm Spotted Wing Drosophila Stink Bugs (excluding Brown Marmorated Stink Bug) Tobacco Hornworm Tomato Hornworm Twospotted Spider Mite	779 (224 g a.i./ha)	Apply with ground equipment in adequate water for uniform coverage (a minimum of 250 L/ha). Begin applications when first pest activity is noticed. A total of 4 applications may be used with a minimum application interval of 7 days. Twospotted Spider Mites: Treatment is recommended when mite populations are just beginning to build (less than 5 motiles/leaf). DO NOT tank mix with any copper formulations.
<ul style="list-style-type: none"> • Do not exceed 4 applications per year with a minimum application interval of 7 days. • Do not exceed 3.118 L/ha (896 g a.i./ha) total application of <i>Danitol Insecticide</i> per year. • Toxic to bees. Avoid application during the crop blooming period. If applications must be made during the crop blooming period, restrict applications to evening when most bees are not foraging. When using managed bees for pollination services, DO NOT apply during the crop blooming period. 		

DIRECTIONS FOR USE ON SUCCULENT SHELLED PEA (includes English pea, garden pea, green pea)		
PESTS	PRODUCT RATE mL/ha	SPECIAL INSTRUCTIONS
Leafhoppers Twospotted Spider Mite	779 (224 g a.i./ha)	Apply with ground equipment in adequate water for uniform coverage. Begin as a ground application in a minimum water volume of 100 L/ha. Apply when first pest activity is noticed.
<ul style="list-style-type: none"> • Do not exceed 1 application per year. • Do not exceed 779 mL/ha (224 g a.i./ha) total application of <i>Danitol Insecticide</i> per year. • Toxic to bees. Avoid application during the crop blooming period. If applications must be made during the crop blooming period, restrict applications to evening when most bees are not foraging. When using managed bees for pollination services, DO NOT apply during the crop blooming period. 		

DIRECTIONS FOR USE ON CROP GROUP 11-09: Pome Fruits: apple, azarole, crabapple, mayhaw, medlar, pear, Asian pear, quince, Chinese quince, Japanese quince, tejocote, as well as cultivars, varieties and/or hybrids of these commodities.

PESTS	PRODUCT RATES mL/ha	SPECIAL INSTRUCTIONS
<p>Apple Maggot Codling Moth European Red Mite Japanese Beetle Leafhoppers Obliquebanded Leafroller Oriental Fruitmoth Redbanded Leafroller Spotted Tentiform Leafminer Spotted Wing Drosophila Tufted Apple Budmoth Twospotted Spider Mite</p> <p><u>For Use On Pears Only:</u> Green Fruitworm Pear Psylla (suppression)</p>	<p>779-1559 (224-448 g a.i./ha)</p>	<p>Begin application at delayed dormant through first cover as common to the production area and the target pest.</p> <p>Codling Moth: Make application at Biofix + 250 degree days.</p> <p>Overwintering Obliquebanded leafrollers: Apply at pink stage of tree growth.</p> <p>Pear Psylla (Overwintering Adults): Apply in a minimum of 750 L/ha by ground with airblast equipment in the dormant/delayed period. Apply with a petroleum spray oil as recommended on the spray oil label.</p> <p>Make pyrethroid insecticide applications according to local IPM programs and guidelines.</p>
Spotted lanternfly	<p>1169-1559 (336-448 g a.i./ha)</p>	<p>Make a foliar application as soon as the pest is detected. When possible, target smaller (first to third) instar nymphs for optimal efficacy.</p>
<ul style="list-style-type: none"> • Apply by ground with airblast equipment as a full coverage spray. • Do not exceed 1 application per year. • Do not exceed 1559 mL/ha (448 g a.i./ha) total application of <i>Danitol Insecticide</i> per year. • Do not apply as an Ultra Low Volume (ULV) spray. • Do not feed or allow livestock to graze on cover crops from treated orchards. • Toxic to bees. DO NOT apply during bloom. 		

DIRECTIONS FOR USE ON CROP GROUP 12-09: Stone Fruits: apricot, Japanese apricot, black cherry, Nanking cherry, sweet cherry, tart cherry, Chinese jujube, nectarine, peach, plum, American plum, beach plum, Canada plum, cherry plum, Chicksaw plum, Damson plum, Japanese plum, Klamath plum, prune plum, plumcot, sloe, as well as cultivars, varieties and hybrids of these commodities.

PESTS	PRODUCT RATE mL/ha	SPECIAL INSTRUCTIONS
Codling Moth Japanese Beetle Leafhoppers Obliquebanded Leafroller Peach Twig Borer Spotted Wing Drosophila Tarnished Plant Bug Twospotted Spider Mite	779-1559 (224-448 g a.i./ha)	Begin application as common to the production area and the target pest.
Spotted lanternfly	1169-1559 (336-448 g a.i./ha)	Make a foliar application as soon as the pest is detected. When possible, target smaller (first to third) instar nymphs for optimal efficacy.
<ul style="list-style-type: none"> • Apply by ground in a minimum water volume of 1000 L/ha with airblast equipment as a full coverage spray. Coverage is essential for good control. Apply in sufficient water volume for tree size. Use of higher water volume will assure better coverage. • Do not exceed 1 application per year. • Do not exceed 1559 mL/ha (448 g a.i./ha) total application of <i>Danitol Insecticide</i> per year. • Do not apply as an Ultra Low Volume (ULV) spray. • Do not feed or allow livestock to graze on cover crops from treated orchards. • Toxic to bees. DO NOT apply during bloom. 		

DIRECTIONS FOR USE ON CROP GROUP 14-11: Tree nuts: almond, beechnut, black walnut, bur oak, butternut, chestnut, chinquapin, English walnut, ginkgo, hazelnut (filbert), heartnut, hickory nut, Japanese horse-chestnut, monkey puzzle nut, pecan, pine nut, yellowhorn, as well as cultivars, varieties and/or hybrids of these commodities.

PESTS	PRODUCT RATE mL/ha	SPECIAL INSTRUCTIONS
Codling Moth European Red Mite Peach Twig Borer Twospotted Spider Mite	779-1559 (224-448 g a.i./ha)	<p>Apply by ground in a minimum of 500 L/ha with airblast equipment as a full coverage spray. Coverage is essential for good control. Apply in sufficient water volume for tree size. Use of higher water volume will assure better coverage.</p> <p>Begin application as common to the production area and the target pest.</p> <p>Codling Moth: Make application at Biofix + 250 degree days.</p>

- Do not exceed 1 application per year.
- Do not exceed 1559 mL/ha (448 g a.i./ha) total application of *Danitol Insecticide* per year.
- Do not apply as an Ultra Low Volume (ULV) spray.
- Do not feed or allow livestock to graze on cover crops from treated orchards.
- Toxic to bees. DO NOT apply during bloom.

Danitol is a registered trademark of Sumitomo Chemical Company, Ltd.

{Base Container Label}



GROUP	3	INSECTICIDE
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DANITOL[®] INSECTICIDE

EMULSIFIABLE CONCENTRATE
INSECTICIDE - MITICIDE
COMMERCIAL

ACTIVE INGREDIENT	
Fenpropathrin.....	30.9%

**KEEP OUT OF REACH OF CHILDREN
READ THE LABEL BEFORE USING**

REGISTRATION NO.: 33817
PEST CONTROL PRODUCTS ACT

NET CONTENTS: 1L - bulk

POISON



**DANGER - EYE IRRITANT
SKIN IRRITANT, POTENTIAL SKIN SENSITIZER**

Valent Canada, Inc.
201-230 Hanlon Creek Blvd.
Guelph, Ontario
N1C 0A1
www.valent.ca
1-800-682-5368

NOTICE TO USER:

This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *PEST CONTROL PRODUCTS ACT* to use this product in a way that is inconsistent with the directions on the label.

FIRST AID:

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control centre or doctor for treatment advice.

IF ON SKIN

OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control centre or doctor for treatment advice.

IF INHALED: Move the person to fresh air. If the person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice.

IF SWALLOWED: Call a poison control centre or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.

Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

TOXICOLOGICAL INFORMATION:

This product contains petroleum distillates. Vomiting may cause aspiration pneumonia. Skin exposure may cause transient sensations (tingling, burning, itching, numbness). Treat symptomatically.

ENVIRONMENTAL PRECAUTIONS:

TOXIC to aquatic organisms and terrestrial plants. Observe buffer zones and vegetative filter strips specified under DIRECTIONS FOR USE. TOXIC to birds and small wild mammals. TOXIC to bees; follow crop specific directions for application timing. Toxic to certain beneficial arthropods (which may include predatory and parasitic insects, spiders, and mites). This product contains aromatic petroleum distillates that are toxic to aquatic organisms.

To reduce runoff from treated areas into aquatic habitats, avoid application to areas with a moderate to steep slope, compacted soil, or clay. Avoid application when heavy rain is forecast.

IN CASE OF EMERGENCY INVOLVING A POISONING OR MAJOR SPILL CALL

1-800-682-5368

PRECAUTIONS:

KEEP OUT OF THE REACH OF CHILDREN.

Fatal or poisonous if swallowed. Severely irritating to the eye. DO NOT get in eyes. Causes skin irritation. DO NOT get on skin. Potential skin sensitizer. Wear protective eyewear (goggles or face shield). Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Remove contaminated clothing and wash clothing before reuse.

DISPOSAL:

For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill and for clean-up of spills.

**Container Disposal
Recyclable container**

Do not reuse this container for any purpose. This is a recyclable container, and is to be disposed of at a container collection site. Contact your local distributor/dealer or municipality for the location of the nearest collection site. Before taking the container to the collection site:

1. Empty container thoroughly into spray tank. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank
2. Make the empty, rinsed container unsuitable for further use.

If there is no container collection site in your area, dispose of the container in accordance with provincial requirements.

STORAGE:

To prevent contamination store and transport this product away from food or feed. Keep pesticide in original container. Store in a cool, dry, secure, well-ventilated area. Do not put formulation or dilute spray solution into food or drink containers. Not for use or storage in or around the home.