

Approved Label
2023-0631
2026-08-12

GROUP	23	INSECTICIDE
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A20262 Insecticide

INSECTICIDE

COMMERCIAL

SUSPENSION

For control of aphids and whiteflies in Leafy Vegetables (excluding watercress) (Crop Group 4-13), Brassica Head and Stem Vegetables (Crop Group 5-13), Fruiting Vegetables (Crop Group 8-09) and Cucurbit Vegetables (Crop Group 9); suppression of aphids in Pome Fruits (Crop Group 11-09); control of mealybugs in Grapes; and control of aphids, whiteflies and two-spotted spider mite in greenhouse tomatoes, peppers, eggplant and cucumbers.

TINIVION® technology*

ACTIVE INGREDIENT:

Spiropidion 300 g/L

Contains 1,2-benzisothiazolin-3-one at 0.035% and 2- bromo-2-nitropropane-1,3-diol at 0.033%

*TINIVION® technology denotes the Syngenta trademark for the active ingredient spiropidion.

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

POTENTIAL SKIN SENSITIZER

REGISTRATION NO.: **36009**
PEST CONTROL PRODUCTS ACT

NET CONTENTS: **up to 1000L**

Syngenta Canada Inc.
140 Research Lane, Research Park
Guelph, Ontario N1G 4Z3
Telephone: 1-877-964-3682

Label

1.0 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.

2.0 FIRST AID

IN CASE OF POISONING, contact a doctor or a poison control centre **IMMEDIATELY**. Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

If swallowed, call a poison control centre or doctor **IMMEDIATELY** for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person.

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 person to fresh air. If 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 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.

3.0 TOXICOLOGICAL INFORMATION

There is no specific antidote. Treat symptomatically.

4.0 PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN AND ANIMALS.

Potential skin sensitizer. DO NOT eat, drink or smoke/vape while using this product. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum/tobacco, smoking/vaping, using the toilet or handling mobile devices. Vehicle cabs **MUST** be decontaminated regularly.

DO NOT apply by air.

DO NOT apply using handheld mistblower/airblast or handheld fogging equipment.

Apply only when the potential for drift beyond the area to be treated is minimal. Take into consideration wind speed, wind direction, temperature inversions, application equipment and sprayer settings.

DO NOT enter or allow worker entry into treated areas to perform post-application activities during the intervals specified in the following table. Where the restricted-entry interval (REI) for harvesting activities and the preharvest interval (PHI) differ, the longer of the two intervals MUST be followed when harvesting the crop.

Crop	Preharvest interval (PHI; days)	Postapplication Activity	Restricted-entry interval (REI)
Crop Group 4-13 Leafy Vegetables	1	Hand weeding	1 day
		All other activities	12 hours
Crop Group 5-13 Brassica Head and Stem Vegetables	1	Hand harvesting	3 days
		Hand weeding	1 day
		All other activities	12 hours
Crop Group 8-09 Fruiting Vegetables; Crop Group 9 Cucurbit Vegetables; Greenhouse tomatoes, pepper, eggplant, cucumber	1	All activities	12 hours
Crop Group 11-09 Pome Fruits	21	All activities	12 hours
Grapes	14	Girdling/turning	16 days
		Hand Harvesting, Hand Leaf Pulling, Tying / Training	8 days
		All other activities	12 hours

If this pest control product is to be used on a commodity that may be exported to other countries in the world and you require information on acceptable residue levels in these countries, please contact Syngenta Canada Inc. at 1-87-SYNGENTA / 1-877-964-3682.

5.0 PERSONAL PROTECTIVE EQUIPMENT (PPE)

Wear a long-sleeved shirt, long pants, chemical-resistant gloves, socks and shoes during mixing, loading, application, clean up and repair. Gloves are not required during application within a closed cab. For handheld application, wear eye, head and respiratory protection when applying above waist height, including overhead.

If the product comes in contact with clothing/PPE, remove all contaminated clothing/PPE, wash with soap and water and dress in clean clothing. Wash the outside of gloves with soap and water before removing. Launder contaminated clothing/PPE regularly and separately from other laundry. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Heavily contaminated or drenched clothing

and other absorbent materials contaminated with this product should be discarded. DO NOT reuse them.

6.0 ENVIRONMENTAL PRECAUTIONS

Toxic to aquatic organisms and non-target terrestrial plants. Observe spray buffer specified under DIRECTIONS FOR USE.

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. DO NOT apply during the crop blooming period where indicated in crop-specific directions. Avoid applications when bees are foraging in the treatment area in ground cover containing blooming weeds. When using managed bees for pollination services, DO NOT apply during the crop blooming period. 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.canada.ca/pollinators). Follow use-specific and crop-specific directions for application timing.

Greenhouse use: Toxic to developing brood of bees. May harm brood of bees, including those used in greenhouse production. If maintaining brood of bees, avoid application when bees are in the treatment area.

This product demonstrates the properties and characteristics associated with chemicals detected in groundwater. The use of this product in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

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. Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative filter strip between the treated area and the edge of the water body. Additional guidance can be found on the Runoff Mitigation portion of the Canada.ca website.

7.0 STORAGE

Store this product away from food and feed. Keep in original container, tightly closed, during storage. Store in a cool, dry, well-ventilated secure area away from seed, fertilizer, and out of the reach of children, unauthorized persons and animals.

8.0 DISPOSAL

For information on disposal of unused, unwanted product, contact the registrant or the provincial or territorial regulatory agency. Contact the registrant and the provincial or territorial regulatory agency in case of a spill, and for cleanup of spills.

For Recyclable Containers

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. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
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For Refillable Containers

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***IN CASE OF EMERGENCY INVOLVING A MAJOR SPILL, FIRE OR POISONING,
CALL 1-800-327-8633 (FASTMED)***

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9.0 PRODUCT INFORMATION

9.1 General Use Precautions

FAILURE TO FOLLOW DIRECTIONS AND PRECAUTIONS ON THIS LABEL WITH REGARD TO THE PRODUCT AND ADJUVANT MAY RESULT IN CROP INJURY, POOR DISEASE CONTROL, AND/OR ILLEGAL RESIDUES.

10.0 DIRECTIONS FOR USE

10.1 General Information

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.

This product may be tank mixed with a supplement, or with registered pest control products, whose labels also allow tank mixing, provided the entirety of both labels, including Directions For Use, Precautions, Restrictions, Environmental Precautions, and Spray Buffer Zones are followed for each product. In cases where these requirements differ between the tank mix partner labels, the most restrictive label must be followed. Do not tank mix products containing the same active ingredient unless specifically listed on this label.

In some cases, tank mixing pest control products can result in reduced pesticide efficacy or increased host crop injury. The user should contact Syngenta Canada Inc. at 1-87-SYNGENTA (1-877-964-3682) for information before applying any tank mix that is not specifically recommended on this label.

Syngenta Canada Inc. has not fully assessed performance (efficacy) and/or crop tolerance (phytotoxicity) of all potential tank mixes under all environmental conditions or for all crop varieties. Tank mixes that are not specifically listed on this label should be tested on a small area first, under local conditions and using standard practices, to confirm the tank mix is suitable for widespread application.

To determine the physical compatibility of this product with other products, use a jar test.

Always read and follow label directions including WALES mixing order.

DO NOT apply by air.

10.2 Ground Application

Field sprayer application: DO NOT apply when wind speed is less than 1 km/h. Avoid application of this product when winds are gusty. **DO NOT** apply with sprays finer than the American Society of Agricultural and Biological Engineers (ASABE) S572 (S572.1 to S572.3) medium classification. Boom height must be 60 cm or less above the crop or ground.

10.2.1 Mixing Instruction

1. Spray equipment should be thoroughly flushed with clean water before mixing A20262 Insecticide.
2. Fill spray tank 1/2 full with carrier. Engage gentle agitation.
3. Add any wettable powder or wettable granule, if applicable.
4. Add A20262 Insecticide and other liquid products, if applicable.
5. Fill tank 3/4 and add emulsifiable concentrate, liquid solutions or emulsifiable oils, if required.
6. Finish filling tank. Maintain good agitation during mixing and spraying operations.
7. After any break in spraying operations, agitate thoroughly before spraying again.
8. Spray the pesticide suspension the same day as mixing.
9. DO NOT mix, load or clean spray equipment where there is a potential to contaminate wells or aquatic systems.

When using chemical handling equipment to fill the sprayer, the following additional recommendations apply:

- WG and DF formulations are preferentially batch mixed.
- SC, SN, and SL formulations may be inducted or batch mixed.
- EC formulations are preferentially batch mixed.

10.2.2 Spraying Instructions

1. Water Volume: Apply in a minimum spray volume of 200 L/ha OR the volume given in the crop and pest specific instructions tabulated below, whichever is LARGER.
2. Spray Nozzles: Use nozzles providing no smaller than medium droplets according to ASABE classification. The use of higher water volumes and larger spray tip sizes will generally increase spray deposition and reduce drift.
3. Pressure: As recommended by the nozzle manufacturer to achieve ASABE medium or coarse sized droplets.
4. Ensure hopper agitation is engaged whenever possible.
5. Keep bypass line at bottom of tank to minimize foaming.
6. Use 16 mesh suction screens, 50 mesh line and tip screens.

Coarse sprays are less likely to drift, therefore, avoid combinations of pressure and nozzle type that will result in overly fine particles (mist). **DO NOT** apply during periods of dead calm or when wind velocity and direction pose a risk of spray drift. **DO NOT** spray when the wind is blowing towards a nearby sensitive crop, garden, terrestrial habitat (such as shelter-belt) or aquatic habitat.

10.2.3 Equipment Clean-Up

Before Spraying:

Prior to using A20262 Insecticide, ensure that the hopper, chemical handling equipment, lines and filter are thoroughly cleaned.

After Spraying:

Thoroughly clean application equipment immediately after spraying. **DO NOT** allow A20262 Insecticide residue to dry within application equipment.

When using tank mixes, consult the tank-mix partner label for additional clean-up instructions. The following recommendations are provided:

1. Drain and flush tank walls, boom and all hoses for ten minutes with a clean water/detergent mixture. Rinse with clean water. **DO NOT** clean application equipment near desirable vegetation, wells or other water sources.
2. Remove all nozzles and screens and wash separately.
3. Dispose of all rinsate in accordance with provincial or territorial regulations.

10.3 Airblast application

Airblast application: **DO NOT** apply during when wind speed is less than 1 km/h. 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.

10.3.1 Spraying Instructions

1. Water Volume: Apply in a minimum spray volume of 400 L/ha OR the volume given in the crop and pest specific instructions tabulated below, whichever is LARGER. Water volume should exceed the minimum recommendation at later stages of crop development.

2. Spray Quality: Select nozzles and pressure to achieve a minimum of ASABE 300 microns sized droplets.
3. Spray Distribution: Select nozzles, orient deflectors, and adjust air speed and volume to ensure only the canopy is sprayed. Spray should just reach the top of the target. Account for the shape and canopy density of the target when setting spray distribution.
4. Apply at uniform speed and avoid overlapping. Shut off spray boom while starting, turning, slowing or stopping to avoid potential crop injury from over application.

Coarse sprays are less likely to drift, therefore, avoid combinations of pressure and nozzle type that will result in overly fine particles (mist). DO NOT apply during periods of dead calm or when wind velocity and direction pose a risk of spray drift. DO NOT spray when the wind is blowing towards a nearby sensitive crop, garden, terrestrial habitat (such as shelter-belt) or aquatic habitat.

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3. Dispose of all rinsate in accordance with provincial or territorial regulations.

10.4 Spray Buffer Zones

The spray 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	Spray 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	
Field sprayer	Crop group 4-13 leafy vegetables, crop group 5-13 brassica	1	0	0	0	1

	head and stem vegetables, crop group 8-09 fruiting vegetables, crop group 9 cucurbit vegetables						
Airblast	Crop group 11-09 pome fruit, grapes	Early growth stage	1	0	0	0	2
		Late growth stage	1	0	0	0	1

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

The spray buffer zones for this product for conventional application equipment can be modified based on weather conditions and spray equipment configuration by accessing the Spray Buffer Zone Calculator on the Drift Mitigation portion of the Canada.ca website.

10.5 Rotational Crop Restrictions

Crop, Crop Group, or Crop Subgroup	Plant-back Interval
CG 4-13 Leafy Vegetables (excluding watercress) CG 5-13 Brassica Head and Stem Vegetables CG 8-09 Fruiting Vegetables CG 9 Cucurbit Vegetables	0 days
All other crops	30 days

10.6 Spray Additives

A20262 Insecticide must be tank-mixed with a spray adjuvant/additive having spreading and penetrating properties to maximize leaf uptake and systemicity of the active ingredient within treated plants.

Use of a non-phytotoxic, methylated seed/vegetable oil (MSO) is recommended.

Since spray adjuvants alone are known to cause phytotoxicity to certain crops under certain environmental conditions, DO NOT use in combination with A20262 Insecticide on a spray-adjuvant-sensitive crop unless the spray adjuvant supplier can confirm a known non-phytotoxic labeled use rate for the intended spray adjuvant on the target crop.

Refer to the Notes in 11.0 Crop Use Directions.

11.0 CROP USE DIRECTIONS

11.1 CG 4-13 Leafy Vegetables (excluding watercress)

CROP GROUP 4-13		
Crops	Amaranth, Chinese Amaranth, leafy Arugula Aster, Indian Blackjack Broccoli raab Broccoli, Chinese Cabbage, Abyssinian Cabbage, seakale Cat's Whiskers Cham-chwi Cham-na-mul Chervil, fresh leaves Chinese cabbage, bok choy Chipilin Chrysanthemum, garland Cilantro, fresh leaves Collards Cress, garden Cress, upland Corn salad (including Lamb's lettuce and Italian Corn salad) Cosmos Dandelion Dang-gwi Dillweed, fresh leaves Dock Dol-nam-mul Ebolo Endive	Escarole Fameflower Feather cockscomb Good King Henry Hanover salad Huauczontle Jute leaves Kale Maca Mizuna Mustard greens Lettuce, bitter Lettuce, head Lettuce, leaf Orach Parsley Plantain, buckhorn Primrose Purslane, garden Purslane, winter Radicchio Radish, leaves Rape greens Rocket, wild Shepherd's purse Spinach Spinach, New Zealand Spinach, tree Swiss chard Tanier spinach Turnips greens Violet, Chinese
Pest	Aphids, Whiteflies	
Use Rate	0.3-0.6 L/ha (90-180 g ai/ha)	
Water Volume	Minimum 200 L/ha	
Application Method	Foliar	
Application Timing	Time applications to immature target pest life-stages at first sign of building pest populations.	
Maximum Number of Consecutive Sprays	2	
Maximum Number of Applications per Year	3	
Maximum Amount of Active ingredient per ha/Year	540 g ai/ha	

Minimum Retreatment Interval (RTI)	7 days
Restricted Interval Entry (REI)	Hand weeding – 1 day All other activities – 12 hours
Pre-harvest Interval (PHI)	1 day
Notes	Apply with a methylated seed oil (MSO) adjuvant at 0.1-0.25% v/v, delivering a total adjuvant load of 0.5 -1 L/ha. Under high pest populations, apply a higher rate within the labeled rate range. Thorough coverage is essential for optimum control. Multiple applications of A20262 Insecticide and other Group 23 insecticides may be applied successively but only when targeting a single generation of the target insect.

11.2 CG 5-13 Brassica Head and Stem Vegetables

CROP GROUP 5-13	
Crops	Broccoli Brussel sprouts Cabbage Cabbage, Chinese, napa Cauliflower
Pest	Aphids, Whiteflies
Use Rate	0.3-0.6 L/ha (90-180 g ai/ha)
Water Volume	Minimum 200 L/ha
Application Method	Foliar
Application Timing	Time applications to immature target pest life-stages at first sign of building pest populations.
Maxim Number of Consecutive Sprays	2
Maximum Number of Applications per Year	3
Maximum Amount of Active ingredient per ha/Year	540 g ai/ha
Minimum Retreatment Interval (RTI)	7 days
Restricted Interval Entry (REI)	Hand harvesting – 3 days Hand weeding – 1 day All other activities – 12 hours
Pre-harvest Interval (PHI)	1 day

Notes	Apply with a methylated seed oil (MSO) adjuvant at 0.1-0.25% v/v, delivering a total adjuvant load of 0.5 -1 L/ha. Under high pest populations, apply a higher rate within the labeled rate range. Thorough coverage is essential for optimum control. Multiple applications of A20262 Insecticide and other Group 23 insecticides may be applied successively but only when targeting a single generation of the target insect.
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11.3 CG 8-09 Fruiting Vegetables

CROP GROUP 8-09		
Crops	African eggplant Bush tomato Cocona Currant tomato Eggplant Garden huckleberry Goji berry Groundcherry Martynia Naranjilla Okra	Pea eggplant Pepino Pepper, bell Pepper, non-bell Roselle Scarlet eggplant Sunberry Tomatillo Tomato Tree tomato
Pest	Aphids, Whiteflies	
Use Rate	0.3-0.6 L/ha (90-180 g ai/ha)	
Water Volume	Minimum 200 L/ha	
Application Method	Foliar	
Application Timing	Time applications to immature target pest life-stages at first sign of building pest populations.	
Maxim Number of Consecutive Sprays	2	
Maximum Number of Applications per Year	3	
Maximum Amount of Active ingredient per ha/Year	540 g ai/ha	
Minimum Retreatment Interval (RTI)	7 days	
Restricted Interval Entry (REI)	All activities – 12 hours	
Pre-harvest Interval (PHI)	1 day	

Notes	Apply with a methylated seed oil (MSO) adjuvant at 0.1-0.25% v/v, delivering a total adjuvant load of 0.5 -1 L/ha. Under high pest populations, apply a higher rate within the labeled rate range. Thorough coverage is essential for optimum control. Multiple applications of A20262 Insecticide and other Group 23 insecticides may be applied successively but only when targeting a single generation of the target insect. 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.
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11.4 CG 9 Cucurbit Vegetables

CROP GROUP 9		
Crops	Chayote (fruit) Chinese waxgourd (Chinese preserving melon) Citron melon Cucumber Gherkin Gourd, edible (includes hyotan, cucuzza) Gourd, edible (includes hechima, Chinese okra) <i>Momordica</i> spp. (includes balsam apple, balsam pear, bitter melon, Chinese cucumbers) Muskmelon (hybrids and/or cultivars of <i>Cucumis melo</i> ; 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 Squash, summer (includes crookneck squash, scallop squash, straightneck squash, vegetable marrow, zucchini) Squash, winter (includes butternut squash, calabaza, hubbard squash, acorn squash, spaghetti squash) Watermelon (includes hybrids and/or varieties of <i>Citrillus lanatus</i>)
Pest	Aphids, Whiteflies	
Use Rate	0.3-0.6 L/ha (90-180 g ai/ha)	
Water Volume	Minimum 200 L/ha	
Application Method	Foliar	
Application Timing	Time applications to immature target pest life-stages at first sign of building pest populations.	
Maxim Number of Consecutive Sprays	2	
Maximum Number of Applications per Year	3	

Maximum Amount of Active ingredient per ha/Year	540 g ai/ha
Minimum Retreatment Interval (RTI)	7 days
Restricted Interval Entry (REI)	All activities – 12 hours
Pre-harvest Interval (PHI)	1 day
Notes	Apply with a methylated seed oil (MSO) adjuvant at 0.1-0.25% v/v, delivering a total adjuvant load of 0.5 -1 L/ha. Under high pest populations, apply a higher rate within the labeled rate range. Thorough coverage is essential for optimum control. Multiple applications of A20262 Insecticide and other Group 23 insecticides may be applied successively but only when targeting a single generation of the target insect. 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.

11.5 CG 11-09 Pome Fruits

CROP GROUP 11-09		
Crops	Apple Azarole Crabapple Loquat Mayhaw Medlar	Pear Pear, Asian Quince Quince, Chinese Quince, Japanese Tejocote
Pest	Aphids (suppression only)	
Use Rate	0.33-0.67 L/ha (100-200 g ai/ha)	
Water Volume	400-4000 L/ha	
Application Method	Foliar-Airblast	
Application Timing	Time applications to immature target pest life-stages at first sign of building pest populations.	
Maxim Number of Consecutive Sprays	2	
Maximum Number of Applications per Year	3	
Maximum Amount of Active ingredient per ha/Year	600 g ai/ha	
Minimum Retreatment Interval (RTI)	7 days	
Restricted Interval Entry (REI)	All activities – 12 hours	
Pre-harvest Interval (PHI)	21 days	

Notes	Apply with a methylated seed oil (MSO) adjuvant at 0.05-0.25% v/v, delivering a total adjuvant load of 0.5 - 2 L/ha. Under high pest populations, apply a higher rate within the labeled rate range. Thorough coverage is essential for optimum control. Select a spray volume appropriate for the size of trees and density of foliage. Multiple applications of A20262 Insecticide and other Group 23 insecticides may be applied successively but only when targeting a single generation of the target insect. Toxic to bees. DO NOT apply during the crop blooming period.
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11.6 Grapes

Crops	Grapes
Pest	Mealybugs
Use Rate	0.5-0.67 L/ha (150-200 g ai/ha)
Water Volume	500-1000 L/ha
Application Method	Foliar-Airblast
Application Timing	For mealybug control, applications should be targeted to treat the crawler stage.
Maxim Number of Consecutive Sprays	2
Maximum Number of Applications per Year	3
Maximum Amount of Active ingredient per ha/Year	600 g ai/ha
Minimum Retreatment Interval (RTI)	7 days
Restricted Interval Entry (REI)	Girdling/turning – 16 days Hand harvesting, hand leaf pulling, tying/training – 8 days All other activities – 12 hours
Pre-harvest Interval (PHI)	14 days
Notes	Apply with a methylated seed oil (MSO) adjuvant at 0.05-0.25% v/v, delivering a total adjuvant load of 0.5 - 2 L/ha. Under high pest populations, apply a higher rate within the labeled rate range. Thorough coverage is essential for optimum control. Multiple applications of A20262 Insecticide and other Group 23 insecticides may be applied successively but only when targeting a single generation of the target insect.

12.0 MINOR USES

READ THE FOLLOWING BEFORE USING THIS PRODUCT FOR SPECIAL USE APPLICATIONS:

The DIRECTIONS FOR USE for the uses described in this section of the label were developed by persons other than Syngenta Canada Inc. under the User Requested Minor Use Label Expansion program. For these uses, Syngenta Canada Inc. has not fully assessed performance (efficacy) and/or crop tolerance (phytotoxicity) under all environmental conditions or for all crop varieties when used in accordance with the label. The user should test the product on a small area first, under local conditions and using standard practices, to confirm the product is suitable for widespread application.

12.1 Greenhouse Tomatoes, Peppers, Eggplant and Cucumbers

Crops	Greenhouse tomatoes, peppers, eggplant and cucumbers
Pest	Aphids, Whiteflies and Two-Spotted Spider Mite
Use Rate	0.3-0.48 L/ha (90-144 g ai/ha)
Water Volume	300-2000L/ha
Application Method	Foliar (sprayer or hand boom)
Application Timing	Time applications to immature target pest life-stages at first sign of building pest populations.
Maxim Number of Consecutive Sprays	2
Maximum Number of Applications per Year	2
Maximum Amount of Active ingredient per ha/Year	288 g ai/ha
Minimum Retreatment Interval (RTI)	7 days
Restricted Interval Entry (REI)	All activities – 12 hours
Pre-harvest Interval (PHI)	1 day
Notes	Apply with a methylated seed oil (MSO) adjuvant at 0.05-0.1 % v/v, delivering a maximum total adjuvant load of 1 L/ha. Under high pest populations, apply a higher rate within the labeled rate range. Thorough coverage is essential for optimum control. Select a spray volume appropriate for the crop size and density of foliage. Multiple applications of A20262 Insecticide and other Group 23 insecticides may be applied successively but only when targeting a single generation of the target insect. Toxic to developing brood of bees. May harm brood of bees, including those used in greenhouse production. If maintaining brood of bees, avoid application when bees are in the treatment area

13.0 RESISTANCE MANAGEMENT RECOMMENDATIONS

For resistance management, A20262 Insecticide contains a Group 23 insecticide. Any insect population may contain individuals naturally resistant to A20262 Insecticide and other Group 23 insecticides. The resistant individuals may dominate the insect population if this group of insecticides are 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 A20262 Insecticide or other Group 23 insecticides with different groups that control the same pests in a field.

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 integrated pest management program that includes scouting and 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 Syngenta Canada Inc. company representatives at 1-87-SYNGENTA (1-877-964-3682) or at www.syngenta.ca.

Application Limitations and Pre-harvest Intervals

Crop*	Maximum Product Rate/ha/application (L/ha)	Maximum total (L/ha/Year)	Pre-Harvest Interval (PHI) (days)	Minimum Re-treatment Interval (days)
Leafy Vegetables (excluding watercress) (CG 4-13)	0.6	1.8	1	7
Brassica Head and Stem Vegetables (CG 5-13)	0.6	1.8	1	7
Fruiting Vegetables (CG 8-09)	0.6	1.8	1	7
Cucurbit Vegetables (CG 9)	0.6	1.8	1	7
Pome Fruits (11-09)	0.67	2.01	21	7
Grape	0.67	2.01	14	7
Greenhouse Tomato	0.48	0.96	1	7
Greenhouse Pepper	0.48	0.96	1	7
Greenhouse Eggplant	0.48	0.96	1	7
Greenhouse Cucumber	0.48	0.96	1	7

*For specific crops in a group and use directions, refer to 11.0 Crop Use Directions and 12.0 Minor Uses

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