

(Container)



## Closer™ Insecticide

with ISOCLAST™ ACTIVE

GROUP	4C	INSECTICIDE
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**For control of aphids, leafhoppers, tarnished plant bugs and scale insects in vegetable, fruit and nut crops**

COMMERCIAL

AGRICULTURAL

READ THE LABEL AND BOOKLET BEFORE USING  
KEEP OUT OF REACH OF CHILDREN

ACTIVE INGREDIENT: sulfoxaflor 240 g/L  
Contains 1,2-benzisothiazoline-3-one at 0.017% as a preservative  
OR  
Contains 5-Chloro-2-methyl-4-isothiazolin-3-one at 0.0010%, 2-Methyl-4-isothiazolin-3-one at 0.000333%  
as preservatives  
Suspension concentrate

REGISTRATION NO. 30826 PEST CONTROL PRODUCTS ACT

NET CONTENTS: 1 L - bulk

**Dow AgroSciences Canada Inc.**  
2400, 215-2<sup>nd</sup> Street SW  
Calgary, Alberta  
T2P 1M4  
1-800-667-3852

**PRECAUTIONS****KEEP OUT OF REACH OF CHILDREN****PROTECTIVE CLOTHING AND EQUIPMENT**

Wear a long-sleeved shirt, long pants, chemical-resistant gloves, socks and shoes during mixing, loading, application, clean-up, and repair. When applying using open cab airblast equipment also wear coveralls. Gloves are not required during application within a closed cab or cockpit.

Apply only when the potential for drift to areas of human habitation or areas of human activity such as houses, cottages, schools, and recreation areas is minimal. Take into consideration wind speed, wind direction, temperature inversions, application equipment and sprayer settings.

DO NOT use in greenhouses, shadehouses, or lathouses. DO NOT apply through any irrigation system.

**FIRST AID**

**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.

**TOXICOLOGICAL INFORMATION**

No specific antidote. Employ supportive care. Treatment should be based on judgement of the physician in response to reactions of the patient.

**AGRICULTURAL CHEMICAL**

Do not ship or store with food, feeds, drugs or clothing.

**ENVIRONMENTAL PRECAUTIONS**

Toxic to certain beneficial insects. Minimize spray drift to reduce harmful effects on beneficial insects in habitats next to the application site such as hedgerows and woodland. Toxic to bees. Bees can be exposed to direct treatment, drift, or residues on flowering crops or weeds. DO NOT apply this product to flowering crops if bees are visiting the treatment area. Minimize spray drift to reduce harmful effects on bees in habitats close to the application site. Bees can be exposed to product residues in flowers, leaves, pollen and/or nectar resulting from foliar applications. Consult the crop use directions for instructions related to timing of applications.

The use of this chemical may result in contamination of groundwater particularly in areas where soils are permeable (e.g. sandy soil) and/or the depth to the water table is shallow. 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 strip between the treated area and the edge of the water body.

**STORAGE**

To prevent contamination, store this product away from food or feed.

**DISPOSAL**

**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.
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.

**Returnable Containers:**

Do not reuse this container for any purpose. For disposal, this empty container may be returned to the point of purchase (distributor/dealer).

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.

**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.

(Booklet)



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**ENVIRONMENTAL PRECAUTIONS**

Toxic to certain beneficial insects. Minimize spray drift to reduce harmful effects on beneficial insects in habitats next to the application site such as hedgerows and woodland. Toxic to bees. Bees can be exposed to direct treatment, drift, or residues on flowering crops or weeds. DO NOT apply this product to flowering crops if bees are visiting the treatment area. Minimize spray drift to reduce harmful effects on bees in habitats close to the application site. Bees can be exposed to product residues in flowers, leaves, pollen and/or nectar resulting from foliar applications. Consult the crop use directions for instructions related to timing of applications.

The use of this chemical may result in contamination of groundwater particularly in areas where soils are permeable (e.g. sandy soil) and/or the depth to the water table is shallow. 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 strip between the treated area and the edge of the water body.

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**DIRECTIONS FOR USE****GENERAL INFORMATION**

Closer Insecticide can be used to control aphids, leafhoppers, tarnished plant bugs and scale insects in vegetable, fruit and nut crops.

**GENERAL USE PRECAUTIONS**

READ ALL DIRECTIONS CAREFULLY BEFORE APPLYING. FAILURE TO FOLLOW LABEL INSTRUCTIONS MAY RESULT IN ERRATIC INSECT CONTROL OR CROP DAMAGE.

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.

**Restricted Entry Interval (REI)**

Do not enter or allow entry into treated areas during the restricted-entry interval (REI) of 12 hours.

**Plant back interval (PBI)**

A period of 30 days must elapse between the treatment of primary crops and the planting of secondary crops not on the label.

**Tank Mixtures**

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 Dow AgroSciences Canada Inc. at 1-800-667-3852 or [www.corteva.ca](http://www.corteva.ca) for information before mixing any pesticide or fertilizer that is not specifically recommended on this label.

When applied as a tank-mix combination, read and observe all label directions, including rates and restrictions for each product used in the tank-mix. Follow the more stringent label precautionary measures for mixing, loading and applying stated on all product labels.

**Application Instructions**

Carefully read, understand and follow label use rates and restrictions. Apply Closer Insecticide as a foliar spray at the rate indicated for target pest. The low rates may be used for light infestations of the target pests and the higher rates for moderate to heavy infestations. Apply the amount specified with properly calibrated aerial or ground spray equipment. Proper application techniques help ensure thorough spray coverage and correct dosage for optimum insect control.

**Mixing Instructions**

Fill the spray tank with water to about 1/2 of the required spray volume. Start agitation and add the required amount of Closer Insecticide. Continue agitation while mixing and filling the spray tank to the required spray volume. Maintain sufficient agitation during application to ensure uniformity of the spray mix. Do not allow water or spray mixture to back-siphon into the water source.

**Ground Application**

Field sprayer application: DO NOT apply during periods of dead calm. Avoid application of this product when winds are gusty. DO NOT apply with spray droplets smaller than the American Society of Agricultural and Biological Engineers (ASAE S572.1) fine classification. Boom height must be 60 cm or less above the crop or ground. Apply in sufficient spray solution to ensure thorough coverage of plant foliage. Use a minimum of 100 litres of water per hectare for field sprayer applications.

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. Apply in sufficient spray solution to ensure thorough coverage of plant foliage. Use a minimum of 500 litres of water per hectare for airblast applications.

**Aerial 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 16 km/h at flying height at the site of application. DO NOT apply with spray droplets smaller than the American Society of Agricultural and Biological Engineers (ASAE S572.1) fine classification. To reduce drift caused by turbulent wingtip vortices, the nozzle distribution along the spray boom length MUST NOT exceed 65% of the wing- or rotorspan.

Apply only by fixed-wing or rotary aircraft equipment which has been functionally and operationally calibrated for the atmospheric conditions of the area and the application rates and conditions of this label.

Label rates, conditions and precautions are product specific. Read and understand the entire label before opening this product. Apply only at the rate recommended for aerial application on this label. **Where no rate for aerial application appears for the specific use, this product cannot be applied by any type of aerial equipment.**

Apply in a minimum spray volume of 30 L/ha. Ensure uniform application. To avoid streaked, uneven or overlapped application, use appropriate marking devices or equivalent electronic positioning systems (GPS).

**Use Precautions**

Apply only when meteorological conditions at the treatment site allow for complete and even crop coverage. Apply only under conditions of good practice specific to aerial application as outlined in the *National Aerial Pesticide Application Manual*, developed by the Federal/Provincial/Territorial Committee on Pest Management and Pesticides.

**Operator Precautions**

Do not allow the pilot to mix chemicals to be loaded onto the aircraft. Loading of premixed chemicals with a closed system is permitted.

It is desirable that the pilot have communication capabilities at each treatment site at the time of application.

The field crew and mixer/loaders must wear chemical resistant gloves, coveralls and goggles or face shield during mixing/loading, cleanup and repair. Follow the more stringent label precautions in cases where the operator precautions exceed the generic label recommendations on the existing ground boom label.

All personnel on the job site must wash hands and face thoroughly before eating and drinking. Protective clothing, aircraft cockpit and vehicle cabs must be decontaminated regularly.

#### Product Specific Precautions

Read and understand the entire label before opening this product. If you have questions, call the manufacturer at 1-800-667-3852 or obtain technical advice from the distributor or your provincial agricultural representative. Application of this specific product must meet and/or conform to the following:

See specific crop instructions for additional precautions and recommended application rates. Where rate ranges appear, use the high rate when pest populations are high or for extended intervals.

#### Brassica (Cole) Leafy Vegetables (Crop Group 5)<sup>1</sup>

<sup>1</sup>Crop Group 5: broccoli, broccoli raab, Brussels sprouts, cabbage, cauliflower, cavalo broccolo, Chinese broccoli, Chinese cabbage (bok choy), Chinese cabbage (napa), Chinese mustard cabbage (gai choy), collards, kale, kohlrabi, mizuna, mustard greens, mustard spinach, rape greens

Pest	Rate (mL/ha)	Restrictions
Aphids	100-150	Do not make more than 2 applications per growing season.  For Aphids: Do not apply more than 300 mL/ha per growing season.  For Tarnished plant bug: Do not apply more than 600 mL/ha per growing season.
Tarnished plant bug	300	DO NOT apply this product during crop flowering period or when flowering weeds are present in the treatment area.  <b>Preharvest Interval:</b> Do not apply within 3 days of harvest.  <b>Minimum Treatment Interval:</b> Do not make applications less than 7 days apart.  Do not apply using aerial application equipment.

#### Sorghum and Corn (field, sweet, seed and popping)

Pest	Rate (mL/ha)	Restrictions
Aphids	75-150	Do not make more than 2 applications per growing season. Do not apply more than 300 mL/ha per growing season.  DO NOT apply this product during crop flowering period or when flowering weeds are present in the treatment area.  <b>Preharvest Interval:</b> Do not apply within 7 days of harvest of sweet corn and forage (of sweet corn, field corn, seed corn, popcorn, and sorghum). Do not apply within 14 days of harvest of grain and stover.



		<p><b>Minimum Treatment Interval:</b> Do not make applications less than 7 days apart.</p> <p>For aerial application on sorghum and corn, use a minimum spray volume of 30 L/ha. Refer to the section of the label titled <b>Aerial Application</b> for detailed use instructions.</p>
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**Grapes**

<b>Pest</b>	<b>Rate (mL/ha)</b>	<b>Restrictions</b>
Leafhoppers (suppression only)	200-400	<p>Do not make more than 2 applications per growing season. Do not apply more than 800 mL/ha per growing season.</p> <p>DO NOT apply this product during crop flowering period or when flowering weeds are present in the treatment area.</p> <p><b>Preharvest Interval:</b> Do not apply within 7 days of harvest.</p> <p><b>Minimum Treatment Interval:</b> Do not make applications less than 7 days apart.</p> <p>Do not apply using aerial application equipment.</p>

**Leafy Vegetables (Except Brassica) (Crop Group 4)<sup>1</sup>**

<sup>1</sup>Crop Group 4: amaranth (leafy amaranth, Chinese spinach, tampala), arugula, cardoon, celery, celtuce, chervil, Chinese celery, corn salad, dandelion, dock (sorrel), edible-leaved chrysanthemum, endive (escarole), Florence fennel (finocchio), garden cress, garden purslane, garland chrysanthemum, head lettuce, leaf lettuce, New Zealand spinach, orach, parsley, radicchio (red chicory), rhubarb, spinach, Swiss chard, upland cress (winter cress, yellow rocket), vine spinach (Indian spinach, Malabar spinach), winter purslane

<b>Pest</b>	<b>Rate (mL/ha)</b>	<b>Restrictions</b>
Aphids	100-150	<p>Do not make more than 2 applications per growing season.</p> <p>For Aphids: Do not apply more than 300 mL/ha per growing season.</p>
Tarnished plant bug	300	<p>For Tarnished plant bug: Do not apply more than 600 mL/ha per growing season.</p> <p>DO NOT apply this product during crop flowering period or when flowering weeds are present in the treatment area.</p> <p><b>Preharvest Interval:</b> Do not apply within 3 days of harvest.</p> <p><b>Minimum Treatment Interval:</b> Do not make applications less than 7 days apart.</p> <p>Do not apply using aerial application equipment.</p>

**Pome Fruits (Crop Group 11-09)<sup>1</sup>**

<sup>1</sup>Crop Group 11-09: apple, Asian pear, azarole, Chinese quince, crabapple, Japanese quince, mayhaw, medlar, pear, quince, tejocote, and cultivars, varieties and/or hybrids of these

<b>Pest</b>	<b>Rate (mL/ha)</b>	<b>Restrictions</b>
Aphids – apple aphid, rosy apple aphid, spirea aphid	100-200	Do not make more than 2 applications per growing season.  For Aphids: Do not apply more than 400 mL/ha per growing season.  For Mullein bug, San Jose scale and Woolly apple aphid: Do not apply more than 800 mL/ha per growing season.
Mullein bug ( <i>Campylomma verbasci</i> )	400	For Tarnished plant bug: Do not apply more than 600 mL/ha per growing season.
San Jose scale	200-400	DO NOT apply this product during crop flowering period or when flowering weeds are present in the treatment area.
Tarnished plant bug	300	<b>Preharvest Interval:</b> Do not apply within 7 days of harvest.  <b>Minimum Treatment Interval:</b> Do not make applications less than 7 days apart. For Woolly apple aphid: Do not make applications less than 14 days apart.
Woolly apple aphid	400	Do not apply using aerial application equipment.

**Root and Tuber Vegetables (Crop Group 1)<sup>1</sup>**

<sup>1</sup>Crop Group 1: arrowroot, black salsify, carrot, celeriac (celery root), chicory, Chinese artichoke, chufa, dasheen (taro), edible burdock, garden beet, ginger, ginseng, horseradish, Jerusalem artichoke, oriental radish (daikon), parsnip, potato, radish, rutabaga, salsify (oyster plant), skirret, Spanish salsify, sugar beet, sweet potato, turnip, turnip-rooted chervil, turnip-rooted parsley

<b>Pest</b>	<b>Rate (mL/ha)</b>	<b>Restrictions</b>
Aphids	50-150	Do not make more than 2 applications per growing season.  For Aphids: Do not apply more than 300 mL/ha per growing season.  For Leafhoppers and Tarnished plant bug: Do not apply more than 600 mL/ha per growing season.
Leafhoppers	300	<b>Preharvest Interval:</b> Do not apply within 7 days of harvest.  DO NOT apply this product during crop flowering period or when flowering weeds are present in the treatment area, except for potato where applications during crop flowering period are allowed.

Tarnished plant bug	300	<p><b>Minimum Treatment Interval:</b> Do not make applications less than 7 days apart.</p> <p>For ground application, use a minimum spray volume of 100 L/ha. For aerial application on potato, use a minimum spray volume of 30 L/ha. Refer to the section of the label titled <b>Aerial Application</b> for detailed use instructions.</p>
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**Stone Fruits (Crop Group 12-09)<sup>1</sup>**

<sup>1</sup>Crop Group 12-09: American plum, apricot, beach plum, black cherry, Canada plum, cherry plum, Chickasaw plum, chokecherry, Damson plum, Japanese plum, Klamath plum, Nanking cherry, nectarine, peach, plum, prune plum, plumcot, sloe, sweet cherry, tart cherry, and cultivars, varieties and/or hybrids of these

Pest	Rate (mL/ha)	Restrictions
Aphids – green peach aphid, mealy plum aphid, black cherry aphid	100-200	<p>Do not make more than 2 applications per growing season. Do not apply more than 800 mL/ha per growing season.</p> <p>DO NOT apply this product during crop flowering period or when flowering weeds are present in the treatment area.</p>
San Jose scale	200-400	<p><b>Preharvest Interval:</b> Do not apply within 7 days of harvest.</p> <p><b>Minimum Treatment Interval:</b> Do not make applications less than 7 days apart.</p> <p>Do not apply using aerial application equipment.</p>

**Tree Nuts (Crop Group 14-11)<sup>1</sup>**

<sup>1</sup>Crop Group 14-11: almond, beech nut, black walnut, bur oak, butternut, chestnut, chinquapin, English walnut, filbert (hazelnut), ginkgo, heartnut, hickory nut, monkey puzzle nut, pecan

Pest	Rate (mL/ha)	Restrictions
Aphids	100-200	<p>Do not make more than 2 applications per growing season. Do not apply more than 800 mL/ha per growing season.</p> <p>DO NOT apply this product during crop flowering period or when flowering weeds are present in the treatment area.</p>
San Jose scale	200-400	<p><b>Preharvest Interval:</b> Do not apply within 7 days of harvest.</p> <p><b>Minimum Treatment Interval:</b> Do not make applications less than 7 days apart.</p> <p>Do not apply using aerial application equipment.</p>

The DIRECTIONS FOR USE for the uses described in this section of the label were developed by persons other than Dow AgroSciences Canada Inc. under the User Requested Minor Use Label Expansion program. For these uses, Dow AgroSciences 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

Commented [MW1]: Sadly, it was not part of the approved statement.

#### DIRECTIONS FOR USE OUTDOOR ORNAMENTALS

Pest(s): Control of Aphids  
 Rate: 200 mL of product per 1000 L of water  
 Application: Use sufficient water volume to ensure thorough coverage of all foliage. Attempt to penetrate dense foliage, but avoid over spraying to the point of excessive runoff. Uniform coverage of both upper and lower leaf surfaces is crucial for effective insect control. Reapply in 10-14 days if populations warrant. Use up to 2 applications per crop cycle. Do not apply more than 200 mL product/ha in a single application. Do not apply more than 400 mL product/ha per growing season.  
 Application Timing: Apply when insect populations reach threshold levels.

Since not all varieties of outdoor ornamentals have been tested for tolerance to Closer Insecticide, initial applications should be limited to a small area of each variety to confirm tolerance prior to application on a large scale.

#### DIRECTIONS FOR USE QUINOA

Pest(s): Control of Lygus bugs (*Lygus* spp.)  
 Rate: 200mL/ha  
 Application: Do not make more than 2 applications per growing season. Do not apply more than 400 mL product/ha per growing season. Do not make applications less than 14 days apart. DO NOT apply this product during crop flowering period or when flowering weeds are present in the treatment area. Use a minimum spray volume of 100L/ha. **Pre-harvest Interval:** Do not apply within 14 days of harvest. DO NOT graze, cut or feed treated crops to livestock.

**DO NOT apply by aerial application equipment.**

#### DIRECTIONS FOR USE CANEBERRIES (Crop Subgroup 13-07A)

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, loganberry, 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), raspberry (red and black), wild raspberry, as well as cultivars, varieties and/or hybrids of these commodities.

Pest(s): Lygus bugs (including tarnished plant bug)  
 Rate: 300 mL/ha  
 Application: For the control of Lygus bugs (including tarnished plant bug), apply Closer Insecticide at the rate of 300 millilitres per hectare. Use in sufficient water to ensure thorough coverage usually 200 to 935 litres of water per hectare. Reapplication interval of a minimum of 7 days if populations warrant. Use a maximum of 2 applications. Do not apply within 1 day to harvest.

Timing: Apply when insect populations reach threshold levels.

**DO NOT apply by aerial application equipment.**

#### **DIRECTIONS FOR USE**

##### **BUSHBERRIES (Crop Subgroup 13-07B)<sup>1</sup>**

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: Aphids, Leafhoppers (suppression only) and Lygus bugs (including tarnished plant bug)

Rate: Aphids: 100-200 mL/ha  
Leafhoppers (suppression only): 200-400 mL/ha  
Lygus bugs (including tarnished plant bug): 300 mL/ha

Application: Use the maximum rate for high insect pressure and for longer residual control. Use in sufficient water to ensure thorough coverage usually 200 to 1000 litres of water per hectare. Reapplication interval of a minimum of 7 days if populations warrant. Use a maximum of 3 applications for aphids, 2 applications for leafhoppers (suppression only), and 2 applications for lygus bugs (including tarnished plant bug). Do not apply within 1 day to harvest. Do not apply more than 190 g ai/ha (800 mL product /ha) per growing season.

Timing: Apply when insect populations reach threshold levels.

DO NOT apply by aerial application equipment

#### **DIRECTIONS FOR USE**

##### **GLOBE ARTICHOKE**

Pests: Aphids and Lygus bugs (including tarnished plant bug)

Rate: Aphids: 100-200 mL/ha  
Lygus bugs (including tarnished plant bug): 300 mL/ha

Application: Use the maximum rate for high insect pressure and for longer residual control. Use in sufficient water to ensure thorough coverage a minimum of 100 litres of water per hectare. Reapplication interval of 10-14 days if populations warrant. Use a maximum of 3 applications per season for aphids and 2 applications per season for Lygus bugs (including tarnished plant bug). Do not apply within 3 days to harvest. Do not apply more than 144 g ai/ha (600 mL product /ha) per growing season.

Timing: Apply when insect populations reach threshold levels.

DO NOT apply by aerial application equipment.

#### **DIRECTIONS FOR USE**

##### **ASPARAGUS FERNS**

Pests: Asparagus aphids (suppression only)

Rate: 100-150 mL/ha

Application: For the suppression of asparagus aphids on asparagus ferns only, apply Closer at the rate of 100 to 150 millilitres per hectare. Use the maximum rate for high insect pressure and for longer residual control. Use in sufficient water to ensure thorough coverage usually 200 – 1000 litres of water per hectare. Reapplication interval of a minimum of 7 days if populations warrant. Use a maximum of 2 applications.

Timing: Apply when insect populations reach threshold levels.

DO NOT apply by aerial application equipment.

**Refer to the main Closer Insecticide label for additional details and instructions.**

#### **RESISTANCE MANAGEMENT RECOMMENDATIONS**

For resistance management, Closer Insecticide contains a Group 4C insecticide. Any insect population may contain individuals naturally resistant to Closer Insecticide and other Group 4C 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 Closer Insecticide or other Group 4C 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 IPM 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 or to report suspected resistance contact Dow AgroSciences Canada Inc. at 1-800-667-3852 or at [www.corteva.ca](http://www.corteva.ca).

**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.

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