

2021-4248  
2022-05-24

This label has been updated according to the re-evaluation decision of Imidacloprid RVD2021-05. While users are encouraged to follow this updated label immediately, the previously approved label is valid until 19/05/2023 in accordance with the phase out period set out in the re-evaluation/special review decision of Imidacloprid RVD2021-05. This previously approved label will be provided upon request by emailing [hc.pmra.info-arla.sc@canada.ca](mailto:hc.pmra.info-arla.sc@canada.ca). In your email please include the product name and Registration number of the label you are requesting.

2021-4248  
2022-05-24

Bottle

GROUP	4	INSECTICIDE
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**ALIAS® 240 SC Systemic Insecticide**

**For use to control listed pests in potatoes, tomatoes, field lettuce, listed *Brassica* vegetables, listed caneberries, highbush blueberries, eggplant, ginseng, wheat (durum, spring, winter), barley, oats, and soybeans.**

AGRICULTURAL  
Suspension

ACTIVE INGREDIENT: Imidacloprid 240 g/L

Contains 1,2-benzisothiazolin-3-one at 0.1% as a preservative  
Warning, this product contains the allergen sulfite

REGISTRATION NO. 28475 PEST CONTROL PRODUCTS ACT



READ THE LABEL AND LEAFLET BEFORE USING

KEEP OUT OF REACH OF CHILDREN

DANGER

POISON

SHAKE WELL BEFORE USING

NET CONTENTS: 1 – 100 Litres

Crop	Pest	Last Date of Use
Ginseng	European chafer	May 19, 2025

ADAMA Agricultural Solutions Canada, Ltd.  
300 – 191 Lombard Avenue  
Winnipeg, MB R3B 0X1  
1 855-264-6262

**For emergency medical help and health/safety inquiries call ProPharma at 1-877-250-9291 (24 hours a day)**

**For spill, leak or fire call INFOTRAC at 1-800-535-5053 (24 hours a day)**

2021-4248  
2022-05-24

**USE PRECAUTIONS:**

**KEEP OUT OF REACH OF CHILDREN**

Harmful if swallowed or absorbed through skin. Avoid contact with skin, eyes, or clothing. Applicators and other handlers must wear: Long-sleeved shirt and long pants, chemical-resistant gloves and shoes plus socks. Follow manufacturer's instructions for cleaning/maintaining Personal Protective Equipment (PPE). If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry. 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 immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing. Apply only when the potential for drift to areas of human habitation and human activity (other than golf courses) such as parks, school grounds, and playing fields, is minimal. Take into consideration wind speed, wind direction, temperature inversions, application equipment and sprayer settings.

*All neonicotinoid treated corn and soybean seed for sale or use in Canada must be labelled ortagged with the following information:*

- Imidacloprid is toxic to bees. Dust generated during planting of treated seed may be harmful to bees and other pollinators.
- To help minimize the dust generated during planting, refer to the complete guidance "Pollinator Protection and Responsible Use of Treated Seed- Best Management Practices" on the Health Canada webpage on pollinator protection at [www.canada.gc.ca/pollinators](http://www.canada.gc.ca/pollinators)
- When using a seed flow lubricant with this treated seed, only the Fluency Agent by Bayer CropScience is permitted. Carefully follow use directions for this seed flow lubricant.
- Do not load or clean planting equipment near bee colonies, and avoid places where bees may be foraging, such as flowering crops or weeds.
- When turning on the planter, avoid engaging the system where emitted dust may contact honey bee colonies.
- Spilled or exposed seeds and dust must be incorporated into the soil or cleaned up from the soil surface.
- Toxic to birds, small wild mammals and aquatic organisms. Any spilled or exposed seeds must be incorporated into the soil or otherwise cleaned-up from the soil surface.
- Dispose of all excess treated seed. Leftover treated seed may be buried away from water sources in accordance with local requirements. Do not dispose of seed by double-sowing in headlands. Broadcast seeding is prohibited.

**For Seed Treatments:**

Work in a well-ventilated area and wear a long-sleeved shirt, long pants, chemical-resistant gloves, and shoes plus socks. **DO NOT** use leather or cloth gloves. Wear goggles and a suitable dust mask (to prevent exposure to any dust from seed after treatment has dried) approved by

2021-4248  
2022-05-24

NIOSH/MSHA when handling this product.

This product contains no colourant. An appropriate colourant must be added when this product is applied to seed. Regulations pertaining to the *Seeds Act* must be strictly adhered to when using this product as a seed treatment.

Transfer system: For containers larger than 18 Litres - Use a closed pump transfer system that avoids open pouring when transferring the liquid concentrate from such containers into the spray tank.

**Commercial seed treatment for all seed types:**

When cleaning seed treatment equipment, wear chemical-resistant coveralls over long-sleeved shirt, long pants, chemical-resistant gloves, socks, chemical-resistant footwear and a respirator with a NIOSH-approved organic-vapour-removing cartridge with a prefilter approved for pesticides OR a NIOSH-approved canister approved for pesticides.

**Planting of commercially treated seed:**

Treated seed bags must be labelled or tagged with the following instructions for workers planting treated seed.

Closed cabs must be used for planting commercially treated and bagged seeds.

Do not plant treated seeds by hand.

**ENVIRONMENTAL PRECAUTIONS:**

Keep out of lakes, streams, ponds or other aquatic systems. Do not contaminate water when disposing of equipment washwaters. This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area. Toxic to birds and small wild mammals. Any spilled or exposed seeds must be incorporated into the soil or otherwise cleaned-up from the soil surface. Apply this product only in accordance with this label.

- Imidacloprid is toxic to bees. Dust generated during planting of treated seed may be harmful to bees and other pollinators.
- To help minimize the dust generated during planting, refer to the complete guidance
- “Pollinator Protection and Responsible Use of Treated Seed- Best Management Practices” on the Health Canada webpage on pollinator protection at [www.canada.ca/pollinators](http://www.canada.ca/pollinators) When using a seed flow lubricant with this treated seed, only the Fluency Agent by BayerCropScience is permitted. Carefully follow use directions for this seed flow lubricant.
- Do not load or clean planting equipment near bee colonies, and avoid places where bees may be foraging, such as flowering crops or weeds.
- When turning on the planter, avoid engaging the system where emitted dust may contact honey bee colonies.

Spilled or exposed seeds and dust must be incorporated into the soil or cleaned up from the soil surface.

- To further minimize exposure to pollinators, refer to the complete guidance “Protecting Pollinators during Pesticide Spraying- Best Management Practices” on the Health Canada

2021-4248  
2022-05-24

website ([www.canada.ca/pollinators](http://www.canada.ca/pollinators)). Follow crop specific directions for application timing.

- Toxic to aquatic organisms. Observe spray buffer zones specified under DIRECTIONS FOR USE.
- 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.
- 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.
- 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.
- Imidacloprid is persistent and may carry over. It is recommended that this product not be used in areas treated with any products containing imidacloprid during the previous season.

#### FIRST AID:

**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.

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

**TOXICOLOGICAL INFORMATION:** No specific antidote is available. Treat the patient symptomatically.

**STORAGE:** Store in cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, and feed. Store in original container and out of reach of children, preferably in a locked storage area.

**DISPOSAL:** Do not contaminate water, food, or feed by storage or 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. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the

2021-4248  
2022-05-24

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. 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.

2021-4248  
2022-05-24

Leaflet

GROUP	4	INSECTICIDE
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### ALIAS® 240 SC Systemic Insecticide

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2021-4248  
2022-05-24

**DIRECTIONS FOR USE:**

Read the entire DIRECTIONS FOR USE before using ALIAS 240 SC Systemic Insecticide. For use to control listed pests in potatoes, tomatoes, field lettuce, listed *Brassica* vegetables, listed caneberries, highbush blueberries, eggplant, ginseng, wheat (durum, spring, winter), barley, oats, and soybeans.

**DO NOT APPLY BY AIR.**

Do not apply to terrains where there is a potential for surface run-off to enter aquatic systems. Do not apply product or plant treated seed pieces when heavy rainfall is forecast for the next 48 hours.

Do not mix, load or clean spray equipment within 30 metres of well-heads or aquatic systems. Do not apply this product through any type of irrigation system.

Do not re-enter treated areas for 24 hours after foliar application of ALIAS 240 SC Systemic Insecticide.

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.

Dispose of all excess treated seed. Leftover treated seed may be buried away from water sources in accordance with local requirements. Do not dispose of seed by double-sowing in headlands. Broadcast seeding is prohibited.

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 Engineers (ASAE S572.1) fine 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.

**Spray buffer zones**

A spray buffer zone is NOT required for:

- uses with hand-held application equipment permitted on this label,
- in-furrow, soil drench or soil incorporation applications.

The spray buffer zones specified in the table below are required between the point of direct application and the closest downwind edge of 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:



			Less than 1 m	Greater than 1 m	Less than 1 m	Greater than 1 m
Field sprayer	Crop Group 1B: Root vegetables (except sugarbeet), Crop group 1D: Tuberous and corm vegetables (except potatoes) Crop group 2: Leaves of root and tuber vegetables, globe artichoke Crop group 4A: Leafy greens subgroup of leafy vegetables (except Brassica), Crop group 5: Brassica (cole) leafy vegetables, Crop group 6: Legume vegetables (except dry soybean), Crop group 8: Fruiting vegetables, eggplant, tomato, potato, tobacco		5	3	0	0
Airblast	Blueberry: highbush, Crop Group 13A: Cane berries	Early growth stage	35	25	0	0
		Late growth stage	25	15	0	0

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 (ASAE) category indicated on the labels for those tank mix partners.

The spray buffer zones for this product can be modified based on weather conditions and spray equipment configuration by accessing the Spray Buffer Zone Calculator on the Pest Management Regulatory Agency web site.

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- To help minimize the dust generated during planting, refer to the complete guidance “Pollinator Protection and Responsible Use of Treated Seed- Best Management Practices” on the Health Canada webpage on pollinator protection at [www.canada.ca/pollinators](http://www.canada.ca/pollinators).
- When using a seed flow lubricant with this treated seed, only the Fluency Agent by Bayer CropScience is permitted. Carefully follow use directions for this seed flow lubricant.
- Do not load or clean planting equipment near bee colonies, and avoid places where bees may be foraging, such as flowering crops or weeds.
- When turning on the planter, avoid engaging the system where emitted dust may contact honey bee colonies.
- Spilled or exposed seeds and dust must be incorporated into the soil or cleaned up from the soil surface.
- Toxic to birds, small wild mammals and aquatic organisms. Any spilled or exposed seeds must be incorporated into the soil or otherwise cleaned-up from the soil surface.
- Dispose of all exceed treated seed. Leftover treated seed may be buried away from water

2021-4248  
2022-05-24

sources in accordance with local requirements. Do not dispose of seed by double-sowing in headlands. Broadcast seeding is prohibited.

#### MIXING INSTRUCTIONS:

To prepare the spray, add a portion of the required amount of water to the spray tank and with agitation, add ALIAS 240 SC Systemic Insecticide. Complete filling the tank with balance of water needed. Maintain sufficient agitation during both mixing and application.

#### ROTATIONAL CROPS:

Treated areas may be replanted with any crop specified on an imidacloprid label, or any crop for which a tolerance exists for the active ingredient, AS SOON AS PRACTICAL FOLLOWING THE LAST APPLICATION. Rotation of fields treated with ALIAS 240 SC Systemic Insecticide to cereal grains (wheat, barley, oats) is acceptable after a minimum plant-back interval of 30 days and to peas and beans (including faba beans, soybeans, adzuki beans, mung beans, lima beans, scarlet runners, dry common beans, snap common beans), after a minimum plant-back interval of 9 months. Rotation to all other food and feed crops will require that a 12 month plant-back interval be observed. Green manure and other cover crops not intended for human or animal consumption are acceptable rotational crops which do not require a plant-back interval following treatment. Do not graze or harvest such cover crops for food or feed. Imidacloprid is persistent and has a high potential for carryover; it is not recommended that this product be used in fields treated with ALIAS 240 SC Systemic Insecticide during the previous season.

#### RESISTANCE MANAGEMENT RECOMMENDATIONS

For resistance management, please note that ALIAS 240 SC Systemic Insecticide contains a Group 4 insecticide. Any insect population may contain individuals naturally resistant to ALIAS 240 SC Systemic Insecticide and other Group 4 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 ALIAS 240 SC Systemic Insecticide or other Group 4 insecticides with different groups that control the same pests in a field.
- Use tank mixture with insecticides from a different group 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.
- Before spraying ALIAS 240 SC Systemic Insecticide, correctly identify the pest and ensure economic and agronomic thresholds are met as recommended by local provincial or IPM specialists.
- 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

ADAMA Agricultural Solutions Canada Ltd. at 1.855.264.6262 or at [www.adama.ca](http://www.adama.ca)

**SPRAY DRIFT MANAGEMENT RECOMMENDATIONS:**

The interaction of many equipment and weather-related factors determines the potential for spray drift. The applicator is responsible for considering all of these factors when making application decisions. **AVOIDING SPRAY DRIFT IS THE RESPONSIBILITY OF THE APPLICATOR.** Avoiding applications when wind direction is toward the aquatic area can reduce risk of exposure to sensitive aquatic areas.

**RESTRICTIONS DURING TEMPERATURE INVERSIONS:** Do not make any applications during temperature inversions. Drift potential is high during temperature inversions. Temperature inversions restrict vertical air mixing, which causes small suspended droplets to remain close to the ground and move laterally in a concentrated cloud. Temperature inversions are characterized by increasing temperature with altitude and are common on nights with limited cloud cover and light to no wind. They begin to form as the sun sets and often continue into the morning. Their presence can be indicated by ground fog; however if fog is not present, inversions can also be identified by the movement of smoke from a ground source. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical mixing.

**AIRBLAST (AIR ASSIST) SPECIFIC RECOMMENDATIONS :**

Airblast sprayers carry droplets into the canopy of bushes via a radially, or laterally directed air stream. The following specific drift management practices should be followed:

- Adjust deflectors and aiming devices so that spray is only directed into the canopy.
- Block off upward pointed nozzles when there is no overhanging canopy.
- Use only enough air volume to penetrate the canopy and provide good coverage.
- Do not allow the spray to go beyond the edge of the cultivated area (i.e., turn off sprayer when turning at end rows).
- Only spray inward, toward the crop for applications to the outside rows.

Instructions for Specific Uses– VEGETABLES			
CROP	PEST	Product Application Rate ALIAS 240 SC Systemic Insecticide	REMARKS

2021-4248  
2022-05-24

			<ul style="list-style-type: none"><li>•</li></ul>
Potato	Colorado	Seed Piece	• Apply only in areas with adequate ventilation or in areas that are

Instructions for Specific Uses – VEGETABLES			
CROP	PEST	Product Application Rate ALIAS 240 SC Systemic Insecticide	REMARKS
	potato beetle, Aphids: green peach, buckthorn, foxglove and potato aphid, Potato leafhopper Potato flea beetle	Treatment 26 –39 mL per 100 kg seed pieces	<p>equipped to remove spray mist or dust.</p> <ul style="list-style-type: none"> <li>• Apply specified dosage as a diluted spray onto seed-pieces using a shielded spray system that is well contained and will prevent the loss of any liquid.</li> <li>• Do not dilute with any more than 3 parts water to 1 part ALIAS 240 SC Systemic Insecticide. Agitate or stir spray solution as needed.</li> <li>• For optimal insect control, good coverage of the seed piece is required.</li> <li>• The length of control will vary depending on the rate used. Consult your local extension personnel, MANA representative or dealer for information relevant to your area. The higher rate of ALIAS 240 SC Systemic Insecticide is recommended when extended length of control is needed.</li> <li>• ALIAS 240 SC Systemic Insecticide provides early season control of over-wintering adult potato flea beetles.</li> <li>• As part of the seed cutting and treating process, application of a fungicide registered for potato seed treatment or an inert absorbent ingredient is recommended.</li> <li>• Plant seed-pieces as soon as possible after cutting and treating.</li> <li>• Avoid prolonged exposure of ALIAS 240 SC Systemic Insecticide -treated seed-pieces to sunlight. Do not use treated seed pieces for food, feed, or fodder.</li> <li>• Do not apply any subsequent application of a Group 4 Insecticide (for example, in-furrow, soil or foliar application) following a potato seed piece treatment with ALIAS 240 SC Systemic Insecticide.</li> <li>• Do not apply more than 1.165 L of ALIAS 240 SC Systemic Insecticide (0.280 kg ai) per hectare per year. Thus for seeding rates higher than 2985 kg seed/ha, the higher application rate (39 mL/100 kg of seed) cannot be used. For seeding rates between 2985 kg seed/ha and 4480 kg seed/ha, ensure that the application rate does not exceed 1.165 L per hectare. The lower application rate (26 mL/100 kg) may be used for seeding rates up to 4480 kg seed/ha. Do not use this method of application for seeding rates higher than 4480 kg seed/ha.</li> </ul>

2021-4248  
2022-05-24

Potato	Colorado potato beetle, Aphids: green peach, buckthorn, foxglove and potato aphid	Foliar Application 200 mL per hectare	<ul style="list-style-type: none"><li>• For optimal control, good coverage of the foliage is needed.</li><li>• Refer to sprayer manual for recommended water volumes, pressures and correct settings.</li><li>• A maximum of ONE (1) foliar application of ALIAS 240 SC Systemic Insecticide may be made per year.</li><li>• Apply specified dosage as pest numbers begin to increase but before a damaging population becomes established.</li><li>• Do not make a foliar ALIAS 240 SC Systemic Insecticide application following a soil, in-furrow or potato seed piece treatment with a Group 4 Insecticide.</li></ul>
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Instructions for Specific Uses– VEGETABLES			
CROP	PEST	Product Application Rate ALIAS 240 SC Systemic Insecticide	REMARKS
			<ul style="list-style-type: none"> <li>• Preharvest interval (PHI) 7 days</li> <li>Do not apply during bloom or when bees are actively foraging</li> </ul>
Tomato (field-grown) <i>Ontario, Quebec, and Atlantic Canada Only</i>	Colorado potato beetle	Foliar Application  200 mL per hectare	<p>Do not apply pre-bloom or during bloom or when bees are actively foraging. Apply post-bloom only</p> <ul style="list-style-type: none"> <li>• For optimal control, good coverage of the foliage is needed.</li> <li>• For best results, time application before a damaging population becomes established.</li> <li>• A maximum of one (1) application of ALIAS 240 SC Systemic Insecticide may be applied as a foliar spray per year .</li> <li>• Do not make a foliar ALIAS 240 SC Systemic Insecticide application following a soil treatment with a Group 4 Insecticide.</li> <li>• Preharvest interval (PHI) 7 days</li> </ul>

Instructions for Specific Uses– VEGETABLES			
CROP	PEST	Product Application Rate ALIAS 240 SC Systemic Insecticide	REMARKS
Field Lettuce (Head and Leaf) <i>British Columbia, Ontario, Quebec, Prince Edward Island and Nova Scotia Only</i>	Lettuce aphid	Foliar Application  200 mL per hectare	<ul style="list-style-type: none"> <li>• For optimal control, good coverage of the foliage is needed.</li> <li>• Refer to sprayer manual for recommended water volumes, pressures and correct settings.</li> <li>• Maximum of one (1) application in the same field per year.</li> <li>• Do not make an ALIAS 240 SC Systemic Insecticide foliar application following a soil application (for example, field drench, transplant tray plug drench) with a Group 4 insecticide.</li> <li>•</li> <li>• Preharvest interval (PHI) 7 days</li> </ul>
Crop Group 5: Broccoli, Chinese Broccoli (gailon), Broccoli raab (rapini), Brussels sprouts, Cabbage, Chinese Cabbage (bok choy and napa), Chinese Cabbage Mustard (gai choy), Cauliflower, Cavalo broccolo, Collards, Kale, Kohlrabi, Mizuna, Mustard Greens, Mustard	Aphids: Cabbage aphid, Green Peach aphid, and Turnip aphid	Foliar application 200 mL per hectare	<p><b>GROUND APPLICATION ONLY</b></p> <ul style="list-style-type: none"> <li>• Add sufficient water to provide good coverage. Good coverage is required to obtain sufficient control.</li> <li>• Apply when economic thresholds indicate that treatment is required.</li> <li>• A maximum of one (1) foliar application of ALIAS 240 SC Systemic Insecticide may be made per crop per year. Do not make a foliar ALIAS 240 SC Systemic Insecticide application following a soil (e.g. sidedress) treatment with a Group 4 Insecticide.</li> <li>•</li> <li>• Preharvest interval (PHI) 7 days</li> </ul>



2021-4248  
2022-05-24

Spinach, Rape Greens			
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2021-4248  
2022-05-24

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

### Instructions for Specific Uses – FRUITS AND VEGETABLES

CROP	PEST	Product Application Rate' ALIAS 240 SC Systemic Insecticide	REMARKS
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Instructions for Specific Uses – FRUITS AND VEGETABLES			
CROP	PEST	Product Application Rate ALIAS 240 SC Systemic Insecticide	REMARKS
Highbush Blueberries <i>British Columbia Only</i>	Blueberry aphid ( <i>Ericaphis fimbriata</i> ) and other known aphid vectors of Blueberry Scorch Virus	175 mL product/ha	<p><b>GROUND APPLICATION ONLY</b></p> <ul style="list-style-type: none"> <li>Apply as a foliar spray in fields where blueberry scorch virus is a potential problem.</li> </ul> <p><b>Application Timing:</b> Application allowed only post-bloom with renovation after harvest. Do not apply pre-bloom or during bloom (Do not apply until petal fall). Do not apply when bees are present. When applying after petal fall, renovation of woody plants (cutting back of old growth) must occur after harvest and before the next season's bloom.</p> <ul style="list-style-type: none"> <li>Monitor for aphids, and apply as a foliar spray once the aphid population has started to build up but before winged aphids are seen. Consult provincial guidelines and local extension experts.</li> <li>For optimal control, apply product in sufficient water for good coverage of foliage (up to 1000 L spray/ha).</li> <li>A maximum of two (2) foliar applications of ALIAS 240 SC Systemic Insecticide may be made per year. Do not make a foliar ALIAS 240 SC Systemic Insecticide application following a soil treatment with a Group 4 Insecticide.</li> <li>Allow at least 7-10 days between applications.</li> <li>Preharvest interval (PHI) 14 days</li> </ul>
Brussels sprouts	Green peach aphids, Cabbage aphids	Foliar application  200 mL per hectare	<ul style="list-style-type: none"> <li>Maximum of one application per year.</li> <li>Preharvest interval (PHI) 7 days</li> <li>Add sufficient water to provide good coverage. Good coverage is required to obtain sufficient control.</li> <li>Apply when economic thresholds indicate that treatment is required.</li> <li>.</li> <li>Do not make a foliar ALIAS 240 SC Systemic Insecticide application following a soil treatment (for example, sidedress) with a Group 4 Insecticide.</li> </ul>

2021-4248  
2022-05-24

Instructions for Specific Uses – FRUITS AND VEGETABLES			
CROP	PEST	Product Application Rate ALIAS 240 SC Systemic Insecticide	REMARKS
Eggplant	Colorado potato beetle	Foliar Application  200 mL per hectare	<p>Do not apply pre-bloom or during bloom or when bees are actively foraging. Apply post-bloom only</p> <ul style="list-style-type: none"> <li>• For optimal control, good coverage of the foliage is needed.</li> <li>• Refer to sprayer manual for recommended water volumes, pressures and correct settings.</li> <li>• Apply after transplanting as indicated by scouting.</li> <li>• For best results, time application before a damaging population becomes established.</li> <li>• A maximum of one application of ALIAS 240 SC Systemic Insecticide may be applied as foliar sprays per year.</li> <li>• Preharvest interval (PHI) 7 days</li> <li>•</li> <li>• Do not make a foliar ALIAS 240 SC Systemic Insecticide application following a soil, in-furrow or seed treatment with a Group 4 Insecticide.</li> </ul>

2021-4248  
2022-05-24

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

**Instructions for Specific Uses – FRUITS AND VEGETABLES**

CROP	PEST	Product Application Rate ALIAS 240 SC Systemic Insecticide	REMARKS
Crop Subgroup 13-A.: Caneberries (including blackberry; raspberry, red and black; wild raspberry; loganberry; cultivars and/or hybrids of these.)	Postbloom Applications Aphids Leafhoppers (suppression only) Caneborers rednecked, Raspberry	Foliar application 175 mL/ha 175 mL/ha 467 mL/ha	GROUND APPLICATION ONLY Application allowed only post-bloom with renovation after harvest. Do not apply pre-bloom or during bloom (Do not apply until petal fall). Do not apply when bees are present. When applying after petal fall, renovation of woody plants (cutting back of old growth) must occur after harvest and before the next season's bloom.  • Apply up to 3 times per year in 300 L of water as a foliar spray. Do not make a foliar ALIAS 240 SC Systemic Insecticide application following a soil treatment with a Group 4 Insecticide.

2021-4248  
2022-05-24

<b>Instructions for Specific Uses – FRUITS AND VEGETABLES</b>			
<b>CROP</b>	<b>PEST</b>	<b>DOSAGE ALIAS 240 SC Systemic Insecticide</b>	<b>REMARKS</b>
	(suppression only)		<ul style="list-style-type: none"><li>• For suppression of caneborers, apply when evidence of caneborer activity is noted (wilted cane tips, swelling near base of canes, eggs in slits in base of canes).</li><li>• If multiple applications are necessary, allow at least 7 days between applications.</li><li>• Do not harvest berries within 4 days of application.</li></ul>

2021-4248  
2022-05-24

<b>Instructions for Specific Uses – FRUITS AND VEGETABLES</b>			
<b>CROP</b>	<b>PEST</b>	<b>Product Application Rate ALIAS 240 SC Systemic Insecticide</b>	<b>REMARKS</b>
Ginseng	Reduction in numbers of European chafer larvae	Soil Application 1.2 L/ha	Last date of use: May 19, 2025  <b>GROUND APPLICATION ONLY</b> <ul style="list-style-type: none"><li>• The need for and timing of application should be based on monitoring of the site, previous records or experiences, current season adult trapping or other methods.</li><li>• Apply to entire newly seeded ginseng beds before mulch is laid down.</li><li>• Apply just prior to or during egg hatch of the target pest.</li><li>• Apply in 200 L of water per hectare.</li><li>• Avoid application to areas which are waterlogged or</li></ul>

Instructions for Specific Uses – FRUITS AND VEGETABLES			
CROP	PEST	Product Application Rate ALIAS 240 SC Systemic Insecticide	REMARKS
			<p>saturated, which will not allow penetration of the active ingredient into the plant root zone.</p> <ul style="list-style-type: none"> <li>• Sufficient irrigation (e.g., 5 – 10 mm) should occur immediately (maximum 24 hours) after application to move the active ingredient to the root zone but avoid over watering (e.g., more than 20 mm).</li> <li>• The treated area must be in such a condition that irrigation water will penetrate vertically into the soil profile, which will ensure an adequate distribution of the active ingredient.</li> <li>• Avoid runoff or puddling of irrigation water following application.</li> <li>• Apply ALIAS 240 SC Systemic Insecticide only once per ginseng garden life.</li> <li>• Allow 3 years between application of ALIAS 240 SC Systemic Insecticide and harvest.</li> </ul>



2021-4248  
2022-05-24

## WIREWORM CONTROL IN LISTED CEREALS

### DURUM WHEAT, WINTER WHEAT, SPRING WHEAT, BARLEY & OATS

To provide early season protection against crop stand injury caused by wireworm apply Alias 240 SC at 84-125 mL / 100 kg seed. Use the higher rate when infestation pressures are expected to be heavy. Do not apply any subsequent application of a Group 4 Insecticide (for example, in-furrow, soil or foliar application) following a soil, in-furrow or seed treatment with ALIAS 240 SC Systemic Insecticide.

For use in commercial and on-farm seed treatment equipment. Mix thoroughly before use or use entire container at one time. All seed must be conspicuously coloured at the time of treatment in accordance with *Seed Act and Regulations*. Seed treated with Alias 240 SC may reduce seed flow in the seed drill. Recalibration of the seed drill may be required to obtain correct seeding rate before planting.

CROP	PEST	Application Rate / 100 kg seed		REMARKS
		mL product	g a.i.	
Wheat (durum, spring, winter), Barley, Oats	wireworm	84-125	20-30	Dilute in sufficient liquid to achieve uniform distribution on the seed.

2021-4248  
2022-05-24

Pre-test the germination of a small sample of each seed lot with Alias 240 EC prior to commercial application to the whole lot. Carry-over of seed treated with Alias 240 SC is not recommended. Alias 240 SC can be used as an over-treatment.

#### TANK MIXTURES WITH FUNGICIDES

For control of certain seed and soil-borne pathogens in wheat, barley and oat seed and seedlings, Alias 240 SC may be mixed with Raxil MD Seed Treatment Fungicide.

Follow all appropriate directions and precautions as specified on the fungicide labels. Do not tank mix Alias 240 SC with pesticides, fertilizers or any other chemical additives unless recommended on this label.

Crop	Seed Treatment Fungicide	Application rate mL product/100 kg seed
Wheat (spring, winter & durum), barley, oats	Raxil MD	300

Do not use treated seed for food or feed. Do not graze or feed livestock on treated areas for four weeks after planting.

#### *LABELLING OF TREATED SEED (WHEAT, OAT, BARLEY)*

*Imidacloprid is toxic to bees. Dust generated during planting of treated seed may be harmful to bees and other pollinators.*

*To help minimize the dust generated during planting, refer to the “Pollinator Protection and Responsible Use of Treated Seed- Best Management Practices” on the Health Canada webpage on pollinator protection at [www.canada.ca/pollinators](http://www.canada.ca/pollinators).*

*Do not load or clean planting equipment near bee colonies, and avoid places where bees may be foraging, such as flowering crops or weeds.*

*When turning on the planter, avoid engaging the system where emitted dust may contact honey bee colonies.*

*Spilled or exposed seeds and dust must be incorporated into the soil or cleaned up from the soil surface*

*Toxic to birds, small wild mammals and aquatic organisms. Any spilled or exposed seeds must be incorporated into the soil or otherwise cleaned-up from the soil surface.*

*Dispose of all exceed treated seed. Leftover treated seed may be buried away from water sources in accordance with local requirements. Do not dispose of seed by double-sowing in headlands. Broadcast seeding is prohibited.*

#### SOYBEANS

For early season protection against soybean aphid and reduce early-season defoliation caused by the overwintering generation of bean leaf beetle apply Alias 240 SC at 260mL/100 kg of seed.

Do not apply any subsequent application of a Group 4 Insecticide (for example, in-furrow, soil or foliar application) following a soil, in-furrow or seed treatment with ALIAS 240 SC Systemic

2021-4248  
2022-05-24

Insecticide. Ensure product is thoroughly mixed prior to application or use entire container at one time.

DO NOT use in commercial seed treatment facilities.

Apply Alias 240 SC to soybeans through slurry applicator seed treaters which provide uniform seed coverage. Uneven or incomplete seed coverage may not give the desired level of insect control. Maintain constant agitation of the slurry during application. Allow the seed to dry before bagging or storing into bulk containers. This product contains no colourant. All seed must be conspicuously coloured at the time of treatment in accordance with *Seed Act and Regulations*.

CROP	PEST	Application Rate / 100 kg seed		REMARKS
		mL product	g a.i.	
Soybeans	Soybean aphid, Bean leaf beetle	260	62.5	Dilute in sufficient liquid to achieve uniform distribution on the seed.

#### TANK MIXTURES WITH FUNGICIDES

For control of certain seed and soil-borne pathogens in soybean seeds and seedlings, Alias 240 SC may be mixed with listed seed treatment fungicides. Follow all appropriate directions and precautions as specified on the fungicide labels. Do not tank mix Alias 240 SC with pesticides, fertilizers or any other chemical additives unless recommended on this label.

Crop	Seed Treatment Fungicide	Application rate mL product/100 kg seed
Soybeans	Apron Maxx RTA	325
	Apron Maxx RFC	100

#### USE PRECAUTIONS:

##### KEEP OUT OF REACH OF CHILDREN

Harmful if swallowed or absorbed through skin. Avoid contact with skin, eyes, or clothing. Applicators and other handlers must wear: Long-sleeved shirt and long pants, chemical-resistant gloves and shoes plus socks. Follow manufacturer's instructions for cleaning/maintaining Personal Protective Equipment (PPE). If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry. 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

2021-4248  
2022-05-24

protective equipment immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

Apply only when the potential for drift to areas of human habitation and human activity (other than golf courses) such as parks, school grounds, and playing fields, is minimal. Take into consideration wind speed, wind direction, temperature inversions, application equipment and sprayer settings.

For Seed Treatments:

Work in a well-ventilated area and wear a long-sleeved shirt, long pants, chemical-resistant gloves, and shoes plus socks. DO NOT use leather or cloth gloves. Wear goggles and a suitable dust mask (to prevent exposure to any dust from seed after treatment has dried) approved by NIOSH/MSHA when handling this product.

This product contains no colourant. An appropriate colourant must be added when this product is applied to seed. Regulations pertaining to the *Seeds Act* must be strictly adhered to when using this product as a seed treatment.

Transfer system: For containers larger than 18 Litres - Use a closed pump transfer system that avoids open pouring when transferring the liquid concentrate from such containers into the spray tank.

**Commercial seed treatment for all seed types:**

When cleaning seed treatment equipment, wear chemical-resistant coveralls over long-sleeved shirt, long pants, chemical-resistant gloves, socks, chemical-resistant footwear and a respirator with a NIOSH-approved organic-vapour-removing cartridge with a prefilter approved for pesticides OR a NIOSH-approved canister approved for pesticides.

**Planting of commercially treated seed:**

Treated seed bags must be labelled or tagged with the following instructions for workers planting treated seed.

Closed cabs must be used for planting commercially treated and bagged seeds.

Do not plant treated seeds by hand.

**ENVIRONMENTAL PRECAUTIONS:**

Keep out of lakes, streams, ponds or other aquatic systems. Do not contaminate water when disposing of equipment washwaters. This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area. Toxic to birds and small wild mammals. Any spilled or exposed seeds must be incorporated into the soil or otherwise cleaned-up from the soil surface. Apply this product only in accordance with this label.

- Imidacloprid is toxic to bees. Dust generated during planting of treated seed may be harmful to bees and other pollinators.
- To help minimize the dust generated during planting, refer to the complete guidance

2021-4248

2022-05-24

“Pollinator Protection and Responsible Use of Treated Seed- Best Management Practices” on the Health Canada webpage on pollinator protection at [www.canada.ca/pollinators](http://www.canada.ca/pollinators)

- When using a seed flow lubricant with this treated seed, only the Fluency Agent by Bayer CropScience is permitted. Carefully follow use directions for this seed flow lubricant.
- Do not load or clean planting equipment near bee colonies, and avoid places where bees may be foraging, such as flowering crops or weeds.
- When turning on the planter, avoid engaging the system where emitted dust may contact honey bee colonies.
- Spilled or exposed seeds and dust must be incorporated into the soil or cleaned up from the soil surface.

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](http://www.canada.ca/pollinators)). Follow crop specific directions for application timing.

- Toxic to aquatic organisms. Observe spray buffer zones specified under DIRECTIONS FOR USE.
- 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.
- 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.
- 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.
- Imidacloprid is persistent and may carry over. It is recommended that this product not be used in areas treated with any products containing imidacloprid during the previous season.

**FIRST AID:**

**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.

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

**TOXICOLOGICAL INFORMATION:** No specific antidote is available. Treat the patient symptomatically.

**STORAGE:** Store in cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, and feed. Store in original container and out of reach of children, preferably in a locked storage area.

**DISPOSAL:** Do not contaminate water, food, or feed by storage or 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. 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. 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.

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