2017-3980
2017-09-01

Bottle

GROUP	4	INSECTICIDE

ALIAS® 240 SC Systemic Insecticide

AGRICULTURAL Suspension

GUARANTEE: 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

CAUTION

POISON

SHAKE WELL BEFORE USING

NET CONTENTS: 1 Litre, 3.785 Litres

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

For emergency medical help and health/safety inquires 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)

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.

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

- Iimidacloprid 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.healthcanada.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.

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.

ENVIRONMENTAL HAZARDS:

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. This product is highly toxic to aquatic invertebrates. This product is toxic to birds. Any spilled or exposed seeds must be incorporated into the soil or otherwise cleaned-up from the soil surface. Left over treated seed should be double sown around the headland, or buried away from water sources such as lakes, streams, ponds or other aquatic systems. 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.healthcanada.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.
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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. The user assumes the risk to persons or property that arises from any such use of this product.

Leaflet

GROUP	4	INSECTICIDE

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AGRICULTURAL
Suspension

GUARANTEE: Imidacloprid ..... 240 g/L

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DIRECTIONS FOR USE:
Read the entire DIRECTIONS FOR USE before using ALIAS 240 SC Systemic Insecticide.
DO NOT APPLY BY AIR.
Do not apply when wind speeds are greater than 12-15 km per hour.
Do not apply product or plant treated seed pieces within 15 metres of well-heads or aquatic systems, including marshes, ponds, ditches, streams, lakes, etc.
For application by air blast equipment, do not apply within 40 metres of well-heads or aquatic systems, including marshes, ponds, ditches, streams, lakes, etc.
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.
This chemical demonstrates the properties and characteristics associated with chemicals detected in ground water. The use of ALIAS 240 SC Systemic Insecticide in areas where soils are permeable, particularly where the water table is shallow, may result in ground water contamination.

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- 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.

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 plantback 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.

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 IN ORCHARDS:

Airblast sprayers carry droplets into the canopy of trees/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 orchard, for applications to the outside rows.

RECOMMENDED APPLICATIONS – VEGETABLES			
CROP	PEST	DOSAGE ALIAS 240 SC Systemic Insecticide	REMARKS
Potato	Colorado potato beetle, Aphids (including green peach, buckthorn, foxglove and potato aphid), Potato leafhopper, Potato flea beetle	Soil Application 7.5 to 12 mL per 100 m row or 850 mL to 1.3 L per hectare (based on 90 cm row spacing)	• Apply as a narrow band in-furrow. For best results, direct spray on the seed pieces or seed potatoes in the furrow. • The length of control may vary due to climate and soil conditions. The higher rate is recommended when extended length of control is needed. • Do not apply more than once per season as a soil application. • Do not apply any subsequent application of a Group 4 Insecticide (for example, in-furrow, soil or foliar application) following a soil treatment with ALIAS 240 SC Systemic Insecticide. • ALIAS 240 SC Systemic Insecticide provides extended control of aphids and potato leafhopper. • ALIAS 240 SC Systemic Insecticide will aid in the early season suppression of over wintering potato flea beetle adults. • Scout potato fields frequently, especially during the warmer part of the season, and if insect pest populations exceed the threshold established by local potato extension specialists, apply a recommended foliar insecticide with a different mode of action than ALIAS 240 SC Systemic Insecticide.

	Colorado	Seed Piece	• Apply only in areas with adequate ventilation or in areas that are

RECOMMENDED APPLICATIONS – VEGETABLES			
CROP	PEST	DOSAGE ALIAS 240 SC Systemic Insecticide	REMARKS
	potato beetle, Aphids (including green peach, buckthorn, foxglove and potato aphid), Potato leafhopper Potato flea beetle	Treatment 26 –39 mL per 100 kg seed pieces	equipped to remove spray mist or dust. • 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. • 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. • For optimal insect control, good coverage of the seed piece is required. • 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. • ALIAS 240 SC Systemic Insecticide provides early season control of over-wintering adult potato flea beetles. • 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. • Plant seed-pieces as soon as possible after cutting and treating. • 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. • 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. • 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.

	Colorado potato beetle, Aphids (including green peach, buckthorn, foxglove and potato aphid)	Foliar Application 200 mL per hectare	• For optimal control, good coverage of the foliage is needed. • Refer to sprayer manual for recommended water volumes, pressures and correct settings. • A maximum of two (2) foliar applications of ALIAS 240 SC Systemic Insecticide may be made per crop per season. • Apply specified dosage as pest numbers begin to increase but before a damaging population becomes established. Scout fields and retreat if needed. For control of aphids: Two applications at least 7 days apart may be required to achieve control. • 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.

RECOMMENDED APPLICATIONS – VEGETABLES			
CROP	PEST	DOSAGE ALIAS 240 SC Systemic Insecticide	REMARKS
			• Allow at least 7 days after the last ALIAS 240 SC Systemic Insecticide application to harvest.
Tomato (field-grown) *Ontario, Quebec, and Atlantic Canada Only*	Colorado potato beetle	Transplant Soil Application 7 to 10 mL/100 metre row See conversion chart #1 for linear application for common bed (row) spacing	• Apply specified dosage in furrow at transplanting. • Applications can be made as a drench in the transplanting water or through application equipment set up exclusively to apply ALIAS 240 SC Systemic Insecticide. Applications should be directed into the root zone. • The rate applied affects the length of control. Use the high rate when pest pressure is anticipated to be high at transplanting, or where pest pressure is continuous. • Do not apply more than once per season as a soil application. • Do not apply any subsequent application of a Group 4 Insecticide (for example soil or foliar application) following a soil treatment with ALIAS 240 SC Systemic Insecticide.
		Foliar Application 200 mL per hectare	• For optimal control, good coverage of the foliage is needed. • For best results, time application before a damaging population becomes established. • A total of two (2) applications of ALIAS 240 SC Systemic Insecticide may be applied as foliar sprays per season. • Do not make a foliar ALIAS 240 SC Systemic Insecticide application following a soil treatment with a Group 4 Insecticide. • Allow at least 5 days between foliar applications and at least 7 days between last application and harvest.

Field Lettuce (Head and Leaf) *British Columbia, Ontario, Quebec, Prince Edward Island and Nova Scotia*	Lettuce aphid	Transplant Tray Plug Drench 10.2 mL per 1000 plants	• Drench plugs (transplants) prior to transplanting. • Apply specified dosage in enough water to ensure ALIAS 240 SC Systemic Insecticide reaches the root zone but does not leach out of the plug. • CAUTION: Gloves must be worn at transplanting. • Do not apply ALIAS 240 SC Systemic Insecticide to the same field more than once per season. • Do not apply any subsequent application of a Group 4 Insecticide (for example, in-furrow, soil or foliar application) following a transplant plug application with ALIAS 240 SC Systemic Insecticide. • Allow at least 21 days after ALIAS 240 SC Systemic Insecticide application to harvest.

RECOMMENDED APPLICATIONS – VEGETABLES			
CROP	PEST	DOSAGE ALIAS 240 SC Systemic Insecticide	REMARKS
Only		Soil application –Field Drench 650 mL per hectare See conversion chart #2 for linear application for common row spacing	• Apply to plants in the field as a drench after transplanting. • Apply specified dosage in 2000 L/ha of water as a narrow (5 cm or less) surface band directly to the plant row. • Application should be made with sufficient water to ensure incorporation into the root zone. • Apply only one field drench in the same field per season. • Do not apply any subsequent application of a Group 4 Insecticide (for example, soil, seed or foliar application) following a soil treatment with ALIAS 240 SC Systemic Insecticide. • Allow at least 21 days after ALIAS 240 SC Systemic Insecticide application to harvest.
		Foliar Application 200 mL per hectare	• For optimal control, good coverage of the foliage is needed. • Refer to sprayer manual for recommended water volumes, pressures and correct settings. • Two foliar applications may be made per lettuce crop; a maximum of two foliar applications may be made in the same field per season. • 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. • Allow at least 7 days after ALIAS 240 SC Systemic Insecticide application to harvest.

Crop Group 5: Broccoli, Chinese Broccoli (gailon), Broccoli raab (rapini), Brussels sprouts, Cabbage, Chinese Cabbage	Aphids (including Cabbage aphid, Green Peach aphid, Turnip aphid)	Sidedress application (soil injection) 730 mL per hectare	GROUND APPLICATION ONLY • Apply after plants are established. • Sidedress by soil injection to a depth of 2.5 cm or more and within 5-10 cm to the side of each row. • Apply using sufficient water volume to ensure uniform application. • Do not apply more than once per season as a soil application. Do not apply any subsequent application of a Group 4 Insecticide (for example, sidedress or foliar application) following a sidedress treatment with ALIAS 240 SC Systemic Insecticide. Observe a 21-day pre-harvest interval (PHI).

RECOMMENDED APPLICATIONS – VEGETABLES			
CROP	PEST	DOSAGE ALIAS 240 SC Systemic Insecticide	REMARKS
(bok choy and napa), Chinese Cabbage Mustard (gai choy), Cauliflower, Cavalo broccolo, Collards, Kale, Kohlrabi, Mizuna, Mustard Greens, Mustard Spinach, Rape Greens		Foliar application 200 mL per hectare	GROUND APPLICATION ONLY • Add sufficient water to provide good coverage. Good coverage is required to obtain sufficient control. • Apply when economic thresholds indicate that treatment is required. • A maximum of two (2) foliar applications 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. • Allow at least 7 days between applications. • Observe a 7-day pre-harvest interval (PHI).

CONVERSION CHART # 1: FOR LINEAR APPLICATION

Bed (Row) Spacing: cm (inches)	76 (30)	152 (60)	152 (60)	168 (66)
Rows Per Bed	Single	Single	Twin	Twin
Low Rate: mL/100 metre row (mL/ha)	7 (920)	7 (460)	7 (920)	7 (835)
High Rate: mL/100 metre row (L/ha)	10 (1.3)	10 (0.66)	10 (1.3)	10 (1.2)

CONVERSION CHART # 2: FOR LINEAR ROW APPLICATION

	ate in mL/1000 m of Row Based on Row Spacing of:				
Rate/ha	30 cm (12 inches)	35 cm (14 inches)	40 cm (16 inches)	45 cm (18 inches)	50 cm (20 inches)
650 mL/ha	19.5	22.8	26	29.3	32.5

RECOMMENDED APPLICATIONS – FRUIT			
CROP	PEST	DOSAGE ALIAS 240 SC Systemic Insecticide**	REMARKS
Apple	Postbloom Applications: Green apple aphid Rosy apple aphid Mullein bug Tentiform leafminer* White apple leafhopper	 230 mL/ha 380 mL/ha 200 mL/ha	• Apply specified dosage as a dilute or concentrate foliar spray as needed after pollination is complete and bees have been removed from the orchard. • Thorough uniform coverage of foliage is necessary for optimal control. • 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. • Allow at least 7 days between last application and harvest.
*For first generation Tentiform leafminer control, make first application as soon as pollination is complete and bees are removed from the orchard. Greatest Tentiform leafminer control will result from the earliest possible application. For second-generation Tentiform leafminer, optimal control of egg and early instar larvae is obtained from applications made early in the adult flight. A second application may be required 10 days later if severe pressure continues or if generations are overlapping. A single application may result in suppression only. ALIAS 240 SC Systemic Insecticide will not control late stage larvae. Tentiform leafminer has developed resistance to other insecticides after repeated use. As with any insecticide, the use of ALIAS 240 SC Systemic Insecticide should conform to resistance management strategies established for the use area.			

Peach Nectarine	Postbloom Applications: Aphids (incl. Green Peach Aphid)	230 mL/ha	GROUND APPLICATION ONLY (incl. use of airblast equipment). • Apply specified dosage as a foliar spray after pollination is complete and bees have been removed from the orchard. • Monitor aphid populations. Consult provincial guidelines and local extension experts. • Thorough uniform coverage of foliage is necessary for optimal control. • Apply in a minimum spray volume of 500 L/ha. Refer to sprayer manual for recommended water volumes, spray pressures and correct settings. • Scout fields and retreat if needed. • 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. • Allow at least 7 days between applications. • Do not apply within 7 days of harvest.
Cherries, Sweet and sour *British*	Postbloom Applications: Western cherry	233 mL/ha	• Monitor for adult cherry fruit fly and apply as a foliar spray within 6 days of first fly emergence. • Thorough uniform coverage of foliage is necessary for optimal control.
Columbia and Ontario only	fruit fly, Black cherry fruit fly		• Consult provincial guidelines and local extension experts. • A maximum of five (5) 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. • Allow at least 10 days between applications. • Do not apply within 10 days of harvest.
**The amount of ALIAS 240 SC Systemic Insecticide required per hectare will depend on tree size and volume of foliage present. The rate per hectare is based on a standard of 3000 litres of dilute spray solution per hectare for standard trees 4.5-5.5 m high. For example, to calculate the rate required for aphid control on small apple trees multiply 77 mL of ALIAS 240 SC Systemic Insecticide times the number of 1000 L of spray solution to thoroughly wet foliage just prior to the point of run off for one hectare of trees being treated. For concentrate sprays, apply the same amount of product per hectare as a dilute spray, based on tree size and foliage volume.			

NOTE TO USER: READ THE FOLLOWING BEFORE USING THIS PRODUCT FOR THE INDICATED SPECIAL USE APPLICATIONS (BELOW): The DIRECTIONS FOR USE for this product for the uses described below were developed by persons other than ADAMA Agricultural Solutions Canada Ltd. and accepted for registration by Health Canada under the User Requested Minor Use Label Expansion program. ADAMA Agricultural Solutions Canada Ltd. itself makes no representation or warranty with respect to performance (efficacy) or crop tolerance (phytotoxicity) claims for this product when used on the crops listed below. Accordingly, the Buyer and User assume all risks related to performance and crop tolerance arising, and agree to hold ADAMA Agricultural Solutions Canada Ltd. harmless from any claims based on efficacy or phytotoxicity in connection with the uses described below.

RECOMMENDED APPLICATIONS – FRUITS AND VEGETABLES			
CROP	PEST	DOSAGE ALIAS 240 SC Systemic Insecticide	REMARKS
Highbush Blueberries *British Columbia Only*	Blueberry aphid (*Ericaphis fimbriata*) and other known aphid vectors of Blueberry Scorch Virus	175 mL product/ha	GROUND APPLICATION ONLY • Apply as a foliar spray in fields where blueberry scorch virus is a potential problem. **Application Timing:** • Apply post-bloom after bees have been removed. • 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. • For optimal control, apply product in sufficient water for good coverage of foliage (up to 1000 L spray/ha). • 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. • Allow at least 7-10 days between applications. • Do not apply within 14 days of harvest.

RECOMMENDED APPLICATIONS – FRUITS AND VEGETABLES			
CROP	PEST	DOSAGE ALIAS 240 SC Systemic Insecticide	REMARKS
Brussels sprouts	Green peach aphids, Cabbage aphids	Sidedress application (soil injection) 730 mL per hectare	• Use one application per season. • Observe a 21-day pre-harvest interval (PHI). • Apply using sufficient water volume to insure uniform application. • Injection to a depth of 2.5 cm or more and within 5-10 cm to the side of each row. • Apply after plants are established. • Do not apply any subsequent application of a Group 4 Insecticide (for example, in-furrow, soil or foliar application) following a soil treatment with ALIAS 240 SC Systemic Insecticide.

		Foliar application 200 mL per hectare	• Use up to 2 applications per season. • Observe a 7-day pre-harvest interval (PHI). • Add sufficient water to provide good coverage. Good coverage is required to obtain sufficient control. • Apply when economic thresholds indicate that treatment is required. • If a second application is needed for control of aphids, allow at least 7 days between applications. • Do not make a foliar ALIAS 240 SC Systemic Insecticide application following a soil treatment (for example, sidedress) with a Group 4 Insecticide.
Eggplant	Colorado potato beetle	Transplant Soil Application 7 to 10 mL/100 m row	• Apply specified dosage in furrow at transplanting. • Applications can be made as a drench in the transplanting water or banded over row through application equipment set up exclusively to apply ALIAS 240 SC Systemic Insecticide. Applications should be directed into the root zone. • The rate applied affects the length of control. Use the high rate when pest pressure is anticipated to be high at transplanting, or where pest pressure is continuous. • Do not apply more than once per season as a soil application. • Allow at least 70 days after ALIAS 240 SC Systemic Insecticide application to harvest. • Do not apply any subsequent application of a Group 4 Insecticide (for example, in-furrow, soil or foliar application) following a soil treatment with ALIAS 240 SC Systemic Insecticide.
RECOMMENDED APPLICATIONS – FRUITS AND VEGETABLES			
CROP	PEST	DOSAGE ALIAS 240 SC Systemic Insecticide	REMARKS
		Foliar Application 200 mL per hectare	• For optimal control, good coverage of the foliage is needed. • Refer to sprayer manual for recommended water volumes, pressures and correct settings. • Apply after transplanting as indicated by scouting. • For best results, time application before a damaging population becomes established. • A total of two (2) applications of ALIAS 240 SC Systemic Insecticide may be applied as foliar sprays per season. • Allow at least 5 days between foliar applications and at least 7 days between last application and harvest. • Do not make a foliar ALIAS 240 SC Systemic Insecticide application following a soil, in-furrow or seed treatment with a Group 4 Insecticide.

APPLICATION TO HIGHBUSH BLUEBERRY FIELDS: ALIAS 240 SC Systemic Insecticide can be used to reduce populations of soil inhabiting life stages of European chafer and Japanese beetle in highbush blueberry fields. The active ingredient in ALIAS 240 SC Systemic Insecticide has sufficient residual activity so that application can be made preceding the egg laying activity of the target pests. 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.

Application should be made just prior to or during egg hatch of the target pests, followed by sufficient irrigation (e.g., 5 -10 mm on turf) to move the active ingredient, to the root zone but avoid over watering (e.g., more than 20 mm on turf). Avoid runoff or puddling of irrigation water following application. 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. Avoid application of ALIAS 240 SC Systemic Insecticide to areas which are waterlogged or saturated, which will not allow penetration of the active ingredient into the plant root zone.

RECOMMENDED APPLICATIONS – HIGHBUSH BLUEBERRY			
CROP	PEST	DOSAGE of ALIAS 240 SC Systemic Insecticide	REMARKS
Highbush blueberry *Ontario and Quebec only*	Larvae of Japanese beetle and Larvae of European chafer	Soil Application Field Drench 1.2 L/ha	• GROUND APPLICATION ONLY • Apply to ground around and under blueberry bushes and to grass-covered rows, row middles, drive lanes, headlands and other grassy areas in and around the blueberry field. • Apply just prior to or during egg hatch of the target pest. • Apply in 200 L of water per hectare. • Do not apply when rainfall is forecast for the next 48 hours. • Sufficient irrigation (e.g., 5 – 10 mm on turf) should occur within 24 hours after application to move the active ingredient to the root zone but avoid over watering (e.g., more than 20 mm on turf). • Avoid mowing turf until after irrigation has occurred so that uniformity of application will not be affected. • DO NOT apply ALIAS 240 SC Systemic Insecticide during flowering of blueberries. • Do not apply more than once per season as a soil application. Do not apply any subsequent application of a Group 4 Insecticide (for example, in-furrow, soil or foliar application) following a soil treatment with ALIAS 240 SC Systemic Insecticide. • Do not apply within 14 days of harvesting blueberries.

NOTE TO USER: READ THE FOLLOWING BEFORE USING THIS PRODUCT FOR THE INDICATED SPECIAL USE APPLICATIONS (BELOW): The DIRECTIONS FOR USE for this product for the uses described below were developed by persons other than ADAMA Agricultural Solutions Canada Ltd. and accepted for registration by Health Canada under the User Requested Minor Use Label Expansion program. ADAMA Agricultural Solutions Canada Ltd. itself makes no representation or warranty with respect to performance (efficacy) or crop tolerance (phytotoxicity) claims for this product when used on the crops listed below. Accordingly, the Buyer and User assume all risks related to performance and crop tolerance arising, and agree to hold ADAMA Agricultural Solutions Canada Ltd. harmless from any claims based on efficacy or phytotoxicity in connection with the uses described below.

RECOMMENDED APPLICATIONS – FRUITS AND VEGETABLES			
CROP	PEST	DOSAGE ALIAS 240 SC Systemic Insecticide	REMARKS

Saskatoon Berry	Woolly elm aphid (suppression only) Woolly apple aphid (suppression only)	Soil application -Field drench 0.125 mL per plant	GROUND APPLICATION ONLY • 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. • Do not apply pre-bloom or during bloom or when bees are actively foraging. • Apply when aphid migration from elm to Saskatoon berry is 75-100% complete (early to mid July). Apply to the base of the shrubs as a surface band spray over the width of the root crown in 200 L of water per hectare. • Avoid application to areas which are waterlogged or saturated, which will not allow penetration of the active ingredient into the plant root zone. • 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). • 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. • Avoid runoff or puddling of irrigation water following application. • Do not apply more than once per year as a soil application. Do not apply any subsequent application of a Group 4 Insecticide (for example, in-furrow, soil or foliar application) following a soil treatment with ALIAS 240 SC Systemic Insecticide. • Do not apply within 14 days of harvest.
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 (suppression only)	Foliar application 175 mL/ha 175 mL/ha 467 mL/ha	GROUND APPLICATION ONLY • 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. • Do not apply pre-bloom or during bloom or when bees are actively foraging. • 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). • If multiple applications are necessary, allow at least 7 days between applications. • Do not harvest berries within 4 days of application.

	Reduction in numbers of White grubs (Larvae of European chafer)	Soil application -Field drench 1.2 L/ha	GROUND APPLICATION ONLY • Apply to ground around and under cane plantings, headlands and other grassy areas around and under cane plantings. • 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. • Apply just prior to or during egg hatch of the target pest. • Do not apply pre-bloom or during bloom or when bees are actively foraging.

RECOMMENDED APPLICATIONS – FRUITS AND VEGETABLES			
CROP	PEST	DOSAGE ALIAS 240 SC Systemic Insecticide	REMARKS
			• Apply in 200 L of water per hectare. • Avoid application to areas which are waterlogged or saturated, which will not allow penetration of the active ingredient into the plant root zone. • 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). • 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. • Avoid runoff or puddling of irrigation water following application. • Avoid mowing turf until after irrigation has occurred so that uniformity of application will not be affected. • Do not apply more than once per year as a soil application. Do not apply any subsequent application of a Group 4 Insecticide (for example, in-furrow, soil or foliar application) following a soil treatment with ALIAS 240 SC Systemic Insecticide. • Do not apply within 14 days of harvesting caneberries.

Sweet Potato Ontario and Quebec only	Reduction in numbers of Larvae of European chafer	Soil application -Field drench 1.2 L/ha	GROUND APPLICATION ONLY • Apply to sweet potato rows, headlands and other grassy areas around the sweet potato field. • Apply as a single soil drench application after transplanting and before sweet potato foliage covers more than 25% of the planting bed to ensure adequate soil penetration. • Apply just prior to or during egg hatch of the target pest. • Apply in 200 L of water per hectare • Avoid application to areas which are waterlogged or saturated, which will not allow penetration of the active ingredient into the plant root zone. • 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). • 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

RECOMMENDED APPLICATIONS – FRUITS AND VEGETABLES			
CROP	PEST	DOSAGE ALIAS 240 SC Systemic Insecticide	REMARKS
			active ingredient. • Avoid runoff or puddling of irrigation water following application. • Avoid mowing grassy areas until after irrigation has occurred so that uniformity of application will not be affected. • DO NOT apply ALIAS 240 SC Systemic Insecticide during flowering of sweet potatoes. • Do not apply more than once per year as a soil application. Do not apply any subsequent application of a Group 4 Insecticide (for example, in-furrow, soil or foliar application) following a soil treatment with ALIAS 240 SC Systemic Insecticide. • Do not apply within 125 days of harvest.

Ginseng	Reduction in numbers of European chafer larvae	Soil Application 1.2 L/ha	GROUND APPLICATION ONLY • 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. • Apply to entire newly seeded ginseng beds before mulch is laid down. • Apply just prior to or during egg hatch of the target pest. • Apply in 200 L of water per hectare. • Avoid application to areas which are waterlogged or saturated, which will not allow penetration of the active ingredient into the plant root zone. • 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). • 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. • Avoid runoff or puddling of irrigation water following application. • Apply ALIAS 240 SC Systemic Insecticide only once per ginseng garden life. • Allow 3 years between application of ALIAS 240 SC Systemic Insecticide and harvest.
Crop Group 9: Citron melon,	Cucumber beetle	Soil Application 18 mL per 100 m row	GROUND APPLICATION ONLY ALIAS 240 SC Systemic Insecticide provides early season
RECOMMENDED APPLICATIONS – FRUITS AND VEGETABLES			
CROP	PEST	DOSAGE ALIAS 240 SC Systemic Insecticide	REMARKS

Muskmelon, Water Melon, Summer and Winter Squash, Pumpkin, Cucumber, Chayote (fruit), Chinese waxgourd, Gherkin, Edible Gourd, Momordica ssp., grown in Manitoba, Ontario, Quebec and the Maritimes.		Use a maximum of 1.165 L/ha (see conversion chart #3 for common row spacing)	control of cucumber beetle populations in direct seeded or transplanted cucurbits. Apply specified dosage of ALIAS 240 SC Systemic Insecticide in one of the following methods: • In-furrow spray directed on or below seed; apply in 200 L/ha of water. • As a narrow (5 cm or less) surface band spray over seedline during planting in 200 L/ha of water and incorporate to a depth of 2.5 to 4 cm (1 to 1 1/2") with sufficient irrigation. Sufficient irrigation (e.g., 5 – 10 mm) should occur within 24 hours after application to move the active ingredient to the plant root zone but avoid over watering (e.g., more than 20 mm). • Post-seeding/planting drench or hill drench to seedlings or established transplants; use higher water volumes - sufficient to thoroughly wet the soil. • Subsurface side-dress or soil injection on both sides of each row of seedlings or established transplants; apply in 200 L/ha of water.
		Transplant Water Application* 25 mL per 1000 plants	Apply specified dosage into the planting hole shortly prior or at transplanting. • Apply specified dosage in 150 mL of planting water per plant. • * Do not use this application method on pickling cucumbers.
Allow at least 21 days after ALIAS 240 SC Systemic Insecticide application to harvest. • Do not apply more than once per season. • Do not apply more than 1.165 L of ALIAS 240 SC Systemic Insecticide (0.280 kg ai) per hectare per crop season. • Scout cucurbit fields frequently, especially during the warmer part of the season, and if populations of cucumber beetle exceed the threshold established by local extension specialists, apply a recommended foliar insecticide. Do not use a Group 4 insecticide for any foliar treatments following a soil application of ALIAS 240 SC Systemic Insecticide.			

CONVERSION CHART #3 FOR COMMON ROW SPACING

Row Spacing in cm (in):	155 (61)	183 (72)	213 (84)	244 (96)
Rate mL/100 m row (L/ha):	18 (1.16)	18 (0.98)	18 (0.85)	18 (0.74)

RECOMMENDED APPLICATIONS - FRUITS AND VEGETABLES			
CROP	PEST	DOSAGE ALIAS	REMARKS
		240 SC Systemic Insecticide	

Strawberries	Strawberry Aphid	Soil Drench 850 mL – 1.3 L/ha	GROUND APPLICATION ONLY • Apply to established strawberry plantings. •Apply specified dosage of ALIAS 240 SC Systemic when growth begins in the spring. • Aphid populations may be very low, but treatment is still necessary before formation and dispersal of winged aphids. • Do not apply immediately prior to bud opening or during bloom or when bees are actively foraging. • Apply specified dosage in 2000 L/ha of water as a surface band directly to the plant row. Application should be made with sufficient water to ensure incorporation into the root zone. • The rate applied affects the length of control. Use higher rates where infestations may occur later in crop development or where pest pressure is continuous. • Allow at least 30 days after ALIAS 240 SC Systemic application to harvest. • Do not apply more than once per season. • Scout strawberry fields frequently, especially during the warmer part of the season, and if populations of aphids exceed the threshold established by local extension specialists, apply a recommended foliar insecticide with a different mode of action than ALIAS 240 SC Systemic.

WIREWORM CONTROL IN 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 42-63 mL/100 kg of seed. For fields with a history of moderate to high wireworm pressure, treat crops 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	Use Rate / 100 kg seed		REMARKS
		mL product	g a.i.	
Wheat (durum, spring, winter), Barley, Oats	wireworm	42-125	10-30	Dilute in sufficient liquid to achieve uniform distribution on the seed.

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 T or Raxil MD 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
Wheat (spring, winter & durum), barley, oats	Raxil T	225
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.

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 260-520 mL/100 kg of seed. To provide early season protection against crop stand injury caused by wireworm and seed corn maggot apply Alias 240 SC at 260-520 mL/100 kg of seed.

Use the higher rate when insect populations are expected to be high. 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. 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	Use Rate / 100 kg seed	REMARKS

		mL product	g a.i.	
Soybeans	Soybean aphid, Bean leaf beetle, Seedcorn maggot, Wireworm	260 - 520	62.5-125	Use the higher rate for: 1. early seeding; 2. when insect populations are expected to be high; 3. extended control period for aphids. 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

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.

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.

ENVIRONMENTAL HAZARDS:

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. This product is highly toxic to aquatic invertebrates. This product is toxic to birds. Any spilled or exposed seeds must be incorporated into the soil or otherwise cleaned-up from the soil surface. Left over treated seed should be double sown around the headland, or buried away from water sources such as lakes, streams, ponds or other aquatic systems. 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.healthcanada.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.

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. The user assumes the risk to persons or property that arises from any such use of this product.