

2022-05-06
2021-6288



Container Label

GROUP	28	INSECTICIDE
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CL73507 200 SC Insecticide

For control of listed insect pests in fruit and vegetable crops.

COMMERCIAL-AGRICULTURAL

SUSPENSION

ACTIVE INGREDIENT: Tetraniliprole 200 g/L

Contains 1,2-benzisothiazolin-3-one at 0.023% and 5-chloro-2-methyl-4-isothiazolin-3-one at 0.0009% and 2-methyl-4-isothiazolin-3-one at 0.0003% as preservatives

REGISTRATION NO. 34488 PEST CONTROL PRODUCTS ACT

READ THE LABEL AND ATTACHED BROCHURE BEFORE USING

KEEP OUT OF REACH OF CHILDREN

NET CONTENTS: 0.25 L to 1000 L

Bayer CropScience Inc.
200-160 Quarry Park Blvd. SE
Calgary, Alberta T2C 3G3

Product Information: 1-888-283-6847

In case of spills, poisoning or fire, telephone emergency response number
1-800-334-7577 (24 hours a day).

CL73507 200 SC Insecticide is intended for the control of listed insect pests in a wide variety of vegetable and fruit crops. CL73507 200 SC Insecticide is readily absorbed into leaf tissue and is considered “rainfast” within 1 hour after spray dries. CL73507 200 SC Insecticide can be applied by aerial and ground application equipment.

NOTICE TO USER: This control product is to be used only in accordance with the directions on this 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.

PRECAUTIONS:

KEEP OUT OF REACH OF CHILDREN.

Avoid contact with skin or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

DO NOT enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

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

DO NOT apply in greenhouses.

PROTECTIVE CLOTHING AND EQUIPMENT:

Wear a long-sleeved shirt, long pants, chemical-resistant gloves, socks and shoes during mixing, loading, application, clean-up and repair. Gloves are not required during application within a closed cab and/or cockpit.

Follow manufacturer’s instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Users should:

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

If this pest control product is to be used on a commodity that may be exported and you require information regarding Maximum Residue Limits for an importing country, please contact Bayer CropScience Canada Inc. at 1-888-283-6847 or www.cropscience.bayer.ca.

FIRST AID:

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

If swallowed	Call a poison control centre or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person.
If on skin or clothing	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15–20 minutes. Call a poison control centre or doctor for treatment advice.
If inhaled	Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice.
If in eyes	Hold eye open and rinse slowly and gently with water for 15–20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control centre or doctor for treatment advice.

TOXICOLOGICAL INFORMATION:

No specific antidote is available. Treat the patient symptomatically.

ENVIRONMENTAL PRECAUTIONS

Toxic to bees. DO NOT apply this product or allow drift to blooming crops or weeds. Follow crop specific directions for application timing.

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).

Toxic to aquatic organisms. Observe buffer zones specified under DIRECTIONS FOR USE.

Toxic to certain beneficial insects. Minimize spray drift to reduce harmful effects on beneficial insects in habitats next to the application site such as hedgerows and woodland.

Tetraniliprole is persistent in soils and aquatic systems.

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

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

Avoid application when heavy rain is forecast.

Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative strip between the treated area and the edge of the water body.

STORAGE:

Store this product away from food or feed.

DISPOSAL:

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

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

Disposal of Unused, Unwanted Product: 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 cleanup of spills.

Booklet Label



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GENERAL INFORMATION

Section 1: Notices

NOTICE TO USER: This control product is to be used only in accordance with the directions on this 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.

Section 2: The Product

CL73507 200 SC Insecticide is intended for the control of listed insect pests in a wide variety of vegetable and fruit crops. CL73507 200 SC Insecticide is readily absorbed into leaf tissue and is considered “rainfast” within 1 hour after spray dries. CL73507 200 SC Insecticide can be applied by aerial and ground application equipment.

SAFETY AND HANDLING

Section 3: Precautions, Protective Clothing and Equipment

PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN.

Avoid contact with skin or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

DO NOT enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

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

DO NOT apply in greenhouses.

PROTECTIVE CLOTHING AND EQUIPMENT:

Wear a long-sleeved shirt, long pants, chemical-resistant gloves, socks and shoes during mixing, loading, application, clean-up and repair. Gloves are not required during application within a closed cab and/or cockpit. Follow manufacturer’s instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove Personal Protective Equipment immediately after handling this product.
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Section 4: First Aid and Toxicological Information

FIRST AID

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

If swallowed	Call a poison control centre or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person.
If on skin or clothing	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15–20 minutes. Call a poison control centre or doctor for treatment advice.
If inhaled	Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice.
If in eyes	Hold eye open and rinse slowly and gently with water for 15–20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control centre or doctor for treatment advice.

TOXICOLOGICAL INFORMATION:

No specific antidote is available. Treat the patient symptomatically.

Section 5: Environmental Precautions

TOXIC to bees. DO NOT apply this product or allow drift to blooming crops or weeds. Follow crop specific directions for application timing.

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).

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

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

Avoid application when heavy rain is forecast.

Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative filter strip between the treated area and the edge of the water body.

Section 6: Storage

Store this product away from food or feed.

Section 7: Disposal

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

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

Disposal of Unused, Unwanted Product: 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 cleanup of spills.

DIRECTIONS FOR USE

Section 8: Crops, Pests, Application Rates and Methods

CROP GROUP 1C, Tuberous and Corm Vegetables : Arrow root; artichoke (Chinese and Jerusalem); edible canna; chufa; dasheen; potato; sweet potato; true yam

Foliar application		
Pests controlled	Application rate	Specific Directions
Colorado potato beetle, European corn borer, Flea beetles, Aphids (suppression)	150 mL/ha	<p>DO NOT apply by air except for potatoes. Begin applications when treatment thresholds have been reached. Apply as a directed foliar spray ensuring thorough coverage.</p> <p>Colorado potato beetle resistance management: Do not apply CL73507 200 SC Insecticide for Colorado potato beetle control in potatoes if any Group 28 Insecticide was applied at planting as an in-furrow, soil or seed-piece treatment.</p> <p>For control of European corn borer, time the application to coincide with peak egg hatch.</p>
<ul style="list-style-type: none"> • Pre-Harvest Interval (PHI): 14 days. • Maximum number of foliar applications: 2 per season. • Minimum interval between applications: 10 days. • Minimum application volumes: 100 L/ha (ground), 50L/ha (aerial). • Application by aerial equipment is permitted for potatoes only. • Maximum foliar application of CL73507 200 SC Insecticide allowed per crop season: 300 mL/ha (60 g ai/ha). • Toxic to bees. DO NOT apply during crop blooming. 		

In-furrow application		
Pests controlled	Application rate	Specific Directions
Colorado potato beetle, Flea beetle	6.75 mL/100 m of row 750mL/ha (based on 90 cm row spacing)	<p>Apply a narrow band in-furrow. For best results direct the spray on the seed pieces in the furrow.</p> <p>Colorado potato beetle resistance management: Do not apply any Group 28 Insecticide for control</p>

		of Colorado potato beetle if CL73507 200 SC Insecticide was applied at planting.
<ul style="list-style-type: none"> • Soil Application Notes: In-furrow application (at planting). • Minimum application volume: 50 L/ha. • Maximum in-furrow application of CL73507 200 SC Insecticide allowed per crop season: 750 mL/ha (150 g ai/ha). 		

CROP SUBGROUP 4-13, Leafy Vegetables: Amaranth, Chinese; amaranth, leafy; arugula; aster, Indian; blackjack; broccoli raab; broccoli, Chinese; cabbage, Abyssinian; cabbage, seakale; cat's whiskers; cham-chwi; cham-na-mul; chervil, fresh leaves; Chinese cabbage(bok choy); chipilin; chrysanthemum, garland; cilantro, fresh leaves; collards; corn salad; lamb's lettuce; Italian corn salad; cosmos; cress, garden; cress, upland; dandelion; dang-gwi; dillweed, fresh leaves; dock; dol-nam-mul; ebolo; endive; escarole; fameflower; feather cockscomb; good King Henry; Hanover salad; huauzontle; jute leaves; lettuce, bitter; lettuce, head; lettuce, leaf; maca; mizuna; mustard greens; orach; parsley, fresh leaves; plantain, buckhorn (including buckhorn plantain and common plantain); primrose, English; purslane, garden; purslane, winter; radicchio; radish, leaves; rape greens; rocket, wild; shepherd's purse; spinach; spinach, Malabar; spinach, New Zealand; spinach, tree; Swiss chard; tanier spinach; turnip greens; violet, Chinese; watercress; cultivars, varieties and/or hybrids of these.

Foliar application		
Pests controlled	Application rate	Specific Directions
Imported cabbageworm, Diamondback moth, Cutworms, Armyworms, Flea beetles, Aphids (suppression)	150 mL/ha	Begin applications when treatment thresholds have been reached. Apply as a directed foliar spray ensuring thorough coverage.
Cabbage looper (suppression)	225 mL/ha	
<ul style="list-style-type: none"> • Pre-Harvest Interval (PHI): 1 day. • Maximum number of applications: 4 per season. • Minimum interval between applications: 5 days. • Minimum application volume: 100 L/ha (ground application). • Apply by ground application only. • Maximum CL73507 200 SC Insecticide allowed per crop season: 900 mL/ha (180 g ai/ha). 		

CROP GROUP 5-13, *Brassica* Head and Stem Vegetables: Broccoli; Brussels sprouts; cabbage; cabbage, Chinese (napa); cauliflower; cultivars, varieties and/or hybrids of these.

Foliar application		
Pests controlled	Application rate	Specific Directions
Imported cabbageworm, Diamondback moth, Cutworms, Armyworms, Flea beetles, Aphids (suppression)	150 mL/ha	Begin applications when treatment thresholds have been reached. Apply as a directed foliar spray ensuring thorough coverage.
Cabbage looper (suppression)	225 mL/ha	
<ul style="list-style-type: none"> • Pre-Harvest Interval (PHI): 1 day. • Maximum number of applications: 4 per season. • Minimum interval between applications: 5 days. • Minimum application volume: 100 L/ha (ground application). • Apply by ground application only. • Maximum CL73507 200 SC Insecticide allowed per crop season: 900 mL/ha (180 g ai/ha). 		

CROP GROUP 8-09, Fruiting vegetables: African eggplant; bell pepper; currant tomato; eggplant; garden huckleberry; goji berry; groundcherry; martynia; okra; pea eggplant; pepino; non-bell pepper; scarlet eggplant; sunberry; tomatillo; tomato; cultivars, varieties, and/or hybrids of these.

Foliar application		
Pests controlled	Application rate	Specific Directions
Colorado potato beetle, Cutworms, Armyworms, Flea beetles, European corn borer, Aphids (suppression)	150 mL/ha	Begin applications when treatment thresholds have been reached. Apply as a directed foliar spray ensuring thorough coverage. Colorado potato beetle resistance management: Do not apply CL73507 200 SC Insecticide for Colorado potato beetle control in fruiting vegetables if any Group 28 Insecticide was applied at planting. For control of European corn borer, time the application to coincide with peak egg hatch.
<ul style="list-style-type: none"> • Pre-Harvest Interval (PHI): 1 day. • Maximum number of applications: 4 per season. • Minimum interval between applications: 5 days. • Minimum application volume: 150 L/ha (ground application). • Apply by ground application only. 		

- Maximum CL73507 200 SC Insecticide allowed per crop season: 600 mL/ha (120 g ai/ha).
- Foliar Application Notes: Do not apply less than 12 days prior to bloom. Do not apply while plants are blooming.
- Toxic to bees. Do not apply less than 12 days prior to bloom or while blooming.

CROP GROUP 11-09: Pome fruit: Apple; azarole; crabapple; mayhaw; medlar; pear (including Asian pear); quince (including Chinese and Japanese quince); tejocote; and all cultivars (varieties and hybrids) of these commodities.

Foliar application		
Pests controlled	Application rate	Specific Directions
Codling moth, Obliquebanded leafroller, European apple sawfly	225 mL/ha	Apply only post-bloom, ensuring thorough coverage. Begin applications when treatment thresholds have been reached.
Aphids (suppression)	150 mL/ha	For optimum control of first generation codling moth, apply before first egg hatch (80-110 degree days Celsius after BIOFIX). A second application may be necessary after 10-14 days. Target second generation codling moth after establishing new BIOFIX for the second generation. (BIOFIX is defined as the first consistent adult moth catch in the orchard.)
Oriental fruit moth, Mullein bug (suppression), Plum curculio (suppression), Apple maggot (suppression)	300 mL/ha	<p>For optimum control of oriental fruit moth, apply at first egg hatch of the targeted generation. A second application may be necessary after 10-14 days.</p> <p>When the timing for control measures of both codling moth and oriental fruit moth are synchronous, utilize the 300 mL/ha rate to target both species.</p> <p>For control of obliquebanded leafroller, monitor adult moth flight, and apply at first egg hatch. A repeat application approximately 10-14 days after the initial application may be needed during periods of extended emergence.</p> <p>For European apple sawfly, target petal fall when populations have reached economic thresholds. Reapply at 10-14 day intervals if monitoring indicates</p>

	<p>populations have reached economic threshold.</p> <p>For mullein bug, apply at petal fall when nymphs have reached economic thresholds. A second application at 7-14 days may be required during periods of extended emergence.</p> <p>For plum curculio, make the first application around petal fall. A second application at 7-14 days may be required when emergence is extended.</p> <p>For suppression of apple maggot, utilize pheromone traps or sticky traps to determine optimum application timing. Repeat at 14-21 day intervals if required.</p>
<ul style="list-style-type: none"> • Pre-Harvest Interval (PHI): 7 days. • Maximum number of applications: 3 per season. • Minimum interval between applications: 7 days. • Minimum application volume: 450 L/ha (ground application). • Apply by ground application only. DO NOT apply using handheld mist blower/airblast or handheld fogging equipment. • Maximum CL73507 200 SC Insecticide allowed per crop season: 900 mL/ha (180 g ai/ha). • Toxic to bees. DO NOT apply during the crop blooming period or pre-bloom period. Apply post-bloom only. 	

CROP GROUP 12-09: Stone fruit: Apricot (including Japanese apricot); cherry (including black, Nanking, sweet and tart cherries); chokecherry; nectarine; peach; plum (including American, beach, Canada, cherry, Chickasaw, Damson, Japanese, Klamath, and prune plums); plumcot; sloe; and all cultivars (varieties and hybrids) of these commodities.

Foliar application		
Pests controlled	Application rate	Specific Directions
Obliquebanded leafroller, Peach twig borer	225 mL/ha	Apply only post-bloom, ensuring thorough coverage. Begin applications when treatment thresholds have been reached. For control of obliquebanded leafroller, monitor adult moth flight, and apply at first egg hatch. A repeat application approximately 10-14 days after the initial application may be needed during periods of extended emergence. For control of peach twig borer, utilize pheromone traps and apply at first egg hatch. A second application may be necessary after 10-14 days. For optimum control of oriental fruit moth, apply at first egg hatch of the targeted generation. A second application may be necessary after 10-14 days. For plum curculio, make the first application around petal fall. A second application at 7-14 days may be required when emergence is extended.
Aphids (suppression)	150 mL/ha	
Oriental fruit moth, Plum curculio (suppression)	300 mL/ha	
<ul style="list-style-type: none"> • Pre-Harvest Interval (PHI): 5 days. • Maximum number of applications: 3 per season. • Minimum interval between applications: 7 days. • Minimum application volume: 230 L/ha (ground application). • Apply by ground application only. DO NOT apply using handheld mist blower/airblast or handheld fogging equipment. • Maximum CL73507 200 SC Insecticide allowed per crop season: 900 mL/ha (180 g ai/ha). • Toxic to bees. DO NOT apply during the crop blooming period or pre-bloom period. Apply post-bloom only. 		

CROP SUBGROUP 13-07F: Berry and Small Fruit - Vine Climbing, including grapes: Grape, American bunch, Muscadine, and Vinifera; gooseberry; kiwifruit, hardy; maypop; schisandra berry; cultivars, varieties, and/or hybrids of these.

Foliar application		
Pests controlled	Application rate	Specific Directions
Grape berry moth	225 mL/ha	<p>Apply post-bloom only. Begin applications when treatment thresholds have been reached, ensuring thorough coverage.</p> <p>For optimum control of grape berry moth, time applications to just prior to egg hatch. Reapply at 7-10 days if required.</p>
<ul style="list-style-type: none"> • Pre-Harvest Interval (PHI): 14 days. • Maximum number of applications: 4 per season. • Minimum interval between applications: 7 days. • Minimum application volume: 450 L/ha. • Apply by ground application only. DO NOT apply using handheld mist blower/airblast or handheld fogging equipment. • Maximum CL73507 200 SC Insecticide allowed per crop season: 900 mL/ha (180 g ai/ha). • Toxic to bees. DO NOT apply during the crop blooming period or pre-bloom period. Apply post-bloom only. 		

CROP GROUP 14-11: Tree Nuts: Almond, beechnut, bur oak nuts, butternut, chestnut, chinquapin, hazelnut (filbert), ginkgo nuts, heartnuts, hickory nut, Japanese horse-chestnuts, monkey puzzle nuts, pecan, pine nuts, yellowhorn nuts, walnut [black and English (Persian)], and cultivars, varieties, and/or hybrids of these.

Foliar application		
Pests controlled	Application rate	Specific Directions
Codling moth, Obliquebanded leafroller, Peach twig borer	225 mL/ha	Apply only post-bloom, ensuring thorough coverage. Begin applications when treatment thresholds have been reached.
Aphids (suppression)	150 mL/ha	For optimum control of first generation codling moth, apply before first egg hatch. (80-110 degree days Celsius after BIOFIX). A second application may be necessary after 10-14 days. Target second generation codling moth after establishing new BIOFIX for the second generation. (BIOFIX is defined as the first consistent adult moth catch in the orchard.) For optimum control of oriental fruit moth, apply at first egg hatch of the targeted generation. A second application may be necessary after 10-14 days. When the timing for control measures of both codling moth and oriental fruit moth are synchronous, utilize the 300 mL/ha rate to target both species. For control of obliquebanded leafroller, monitor adult moth flight, and apply at first egg hatch. A repeat application approximately 10-14 days after the initial application may be needed during periods of extended emergence. For control of peach twig borer, utilize pheromone traps and apply at first egg hatch. A second application may be necessary after 7-14 days.
Oriental fruit moth	300 mL/ha	
<ul style="list-style-type: none"> • Pre-Harvest Interval (PHI): 10 days. • Maximum number of applications: 4 per season. • Minimum interval between applications: 7 days. • Minimum application volume: 450 L/ha. • Apply by ground application only. DO NOT apply using handheld mist blower/airblast or handheld fogging equipment. 		

- Maximum CL73507 200 SC Insecticide allowed per crop season: 900 mL/ha (180 g ai/ha).
- Toxic to bees. DO NOT apply during the crop blooming period or pre-bloom period. Apply post-bloom only.

CORN (field, sweet and popcorn, including seed production)

Foliar application		
Pests controlled	Application rate	Specific Directions
European corn borer, Corn earworm, Cutworms, Armyworms, Flea beetles, Aphids (suppression)	150 mL/ha	Begin applications when treatment thresholds have been reached. Apply as a directed foliar spray ensuring thorough coverage. For control of European corn borer and corn earworm, time the application to coincide with peak egg hatch.
<ul style="list-style-type: none"> • Pre-Harvest Interval (PHI): 14 days (field corn and popcorn), 1 day (sweet corn). • Maximum number of applications: 4 per season. • Minimum interval between applications: 7 days. • Minimum application volume: 100 L/ha. • Apply by ground application only. • Maximum CL73507 200 SC Insecticide allowed per crop season: 600 mL/ha (120 g ai/ha). • Do not make a subsequent foliar application of any Group 28 insecticide for a minimum of 60 days after planting seed treated with any Group 28 insecticide. If a foliar spray is required during this window it must be made with an insecticide other than Group 28. • Do not feed forage or stover to livestock within 14 days of the last application. • Foliar Application Notes: • Toxic to bees. Apply up to V15 (when 15th leaf collar is visible), or after pollen shed (around 1 week after tassel is fully emerged). 		

SOYBEAN

Foliar application		
Pests controlled	Application rate	Specific Directions
Cutworms, Armyworms	150 mL/ha	Begin applications when treatment thresholds have been reached. Apply as a directed foliar spray ensuring thorough coverage.
<ul style="list-style-type: none">• Pre-Harvest Interval (PHI): 14 days.• Maximum number of applications: 2 per season.• Minimum interval between applications: 5 days.• Minimum application volume: 100 L/ha.• Apply by ground application only.• Maximum CL73507 200 SC Insecticide allowed per crop season: 300 mL/ha (60 g ai/ha).• Do not make a subsequent foliar application of any Group 28 insecticide for a minimum of 60 days after planting seed treated with CL73507 200 SC Insecticide. If a foliar spray is required during this window it must be made with an insecticide other than Group 28.• Toxic to bees. DO NOT apply during crop blooming.		

Section 9: Application Instructions and Limitations

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

Buffer Zones:

Spot treatments using hand-held equipment DO NOT require a buffer zone. Use of low-clearance hooded or shielded sprayers that prevent spray contact with crop, fruit or foliage, and soil drench or soil incorporation do not require a buffer zone.

The 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		Buffer Zones (metres) Required for the Protection of:		
			Freshwater Habitat of Depths:		Terrestrial Habitat
			Less than 1 m	Greater than 1 m	
Field sprayer	Crop Sub-group 4-13: Leafy vegetables, Crop Group 5-13, Brassica and Stem vegetables, Crop Sub-Group 13-07F: Berry & small Fruit grapes		15	5	0
Field sprayer	Crop Group 1C: Tuberous and corm (foliar), Soybean		5	3	0
Field sprayer	Crop Group 8-09: Fruiting vegetables, Corn		10	5	0
Airblast	Crop Group 11-09: Pome fruit, Crop Sub-Group 13-07F: Berry & small Fruit grapes, Crop Group 12.09: Stone fruit	Early growth stage	35	25	0
		Late growth stage	25	15	0
Airblast	Crop Group 14-11: Tree nuts	Early growth stage	35	25	1
		Late growth stage	25	20	1
Aerial	Potato	Fixed wing	55	15	0
		Rotary wing	40	15	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 Pesticides portion of the Canada.ca website.

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.

Aerial application: **DO NOT** apply during periods of dead calm. Avoid application of this product when winds are gusty. **DO NOT** apply when wind speed is greater than 16 km/h at flying height at the site of application. **DO NOT** apply with spray droplets smaller than the American Society of Agricultural Engineers (ASAE S572.1) fine classification. Reduce drift caused by turbulent wingtip vortices. Nozzle distribution along the spray boom length **MUST NOT** exceed 65% of the wing- or rotorspan.

USE PRECAUTIONS FOR AERIAL APPLICATIONS:

AERIAL APPLICATION:

Apply CL73507 200 SC Insecticide by rotary or fixed-wing aircraft which has been functionally and operationally calibrated for the atmospheric conditions of the area and the application rates and conditions of this label. Label rates, conditions and precautions are product specific. Read and understand the entire label before opening this product. Apply only at the rate recommended for aerial application on this label. Where no rate for aerial application appears for the specific use, this product cannot be applied by any type of aerial equipment. Ensure uniform application. To avoid streaked, uneven or overlapped application, use appropriate marking devices. Do not use human flaggers.

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

OPERATOR PRECAUTIONS FOR AERIAL APPLICATIONS:

Do not allow the pilot to mix chemicals to be loaded onto the aircraft. Loading of premixed chemicals with a closed system is permitted. It is desirable that the pilot has communication capabilities at each treatment site at the time of application. The field crew and the mixer/loaders must wear chemical resistant gloves, coveralls and goggles or face shield during mixing/loading, cleanup and repair. Follow the more

stringent label precautions in cases where the operator precautions differ from the label recommendations for the ground application. All personnel on the job site must wash hands and face thoroughly before eating and drinking. Protective clothing, aircraft cockpit and vehicle cabs must be decontaminated regularly.

Section 10: Mixing Instructions

If CL73507 200 SC Insecticide is to be tank mixed with other pesticides, compatibility should be tested prior to mixing.

COMPATIBILITY

CL73507 200 SC Insecticide is physically and biologically compatible with many registered pesticides and fertilizers or micronutrients. When considering mixing CL73507 200 SC Insecticide with other pesticides, or other additives, first contact your supplier for advice. For further information, contact your local Bayer CropScience Representative. If you have no experience with the combination you are considering, you should conduct a test to determine physical compatibility.

ORDER-OF-MIXING

CL73507 200 SC Insecticide may be used with other recommended pesticides, fertilizers and micronutrients. The proper mixing procedure for CL73507 200 SC Insecticide alone or in tank mix combinations with other pesticides is:

- 1) Fill the spray tank 1/4 to 1/3 full with clean water;
- 2) While recirculating and with the agitator running, add any products in PVA bags (See Note*). Allow time for thorough mixing;
- 3) Continue to fill spray tank with water until 1/2 full;
- 4) Add any wettable powder (WP), water dispersible granule (WG/WDG) products, or "flowable" (FL/SC) type products;
- 5) Allow enough time for thorough mixing of each product added to tank;
- 6) Add required amount of CL73507 200 SC Insecticide and;
- 7) If applicable, add any remaining tank mix components: emulsifiable concentrates (EC), fertilizers and micronutrients.
- 8) Fill spray tank to desired level and maintain constant agitation to ensure uniformity of spray mixture.

*NOTE: Do not use PVA packets in a tank mix with products that contain boron or release free chlorine. The resultant reaction of PVA and boron or free chlorine is a plastic that is not soluble in water or solvents.

TANK MIX RECOMMENDATIONS

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

Section 11: Rotational Crops

Rotational Crops	Planting Time from Last Application
All crops listed on this label	Immediately
Crop Subgroup 1A: Root Vegetable Crop Group 2: Leaves of Root and Tuber Vegetables Crop Subgroup 3-07: Bulb Vegetables Crop Group 6: Legume Vegetables (except soybeans) Crop Group 7: Foliage of Legume Vegetables (except soybeans) Crop Group 9: Cucurbit Vegetables, Crop Group 15: Cereal grains (except corn) Crop Group 16: Forage, fodder, and straw of cereal grains (except corn) Crop Subgroup 20A: Rapeseeds (Revised) Crop Subgroup 20B: Sunflowers (Revised) Alfalfa	30 days
All other crops	120 days

Section 12: Pre-Harvest Interval

Crop	Pre-harvest Interval (days)
Crop Group 1C, Tuberous and Corm Vegetables	14
Crop Group 4-13: Leafy vegetables	1
Crop Group 5-13: Brassica Head and Stem Vegetables	1
Crop Group 8-09, Fruiting Vegetables	1
Crop Group 11-09: Pome fruit	7
Crop Group 12-09: Stone fruit	5
Crop Subgroup 13-07F: Berry and Small Fruit – Vine Climbing, including grapes	14
Crop Group 14-11: Tree Nuts	10
Corn (field and popcorn)	14
Corn (Sweet)	1
Soybean	14

Section 13: Resistance Management Recommendations

For resistance management, please note that CL73507 200 SC Insecticide contains a Group 28 insecticide. Any insect population may contain individuals naturally resistant to CL73507 200 SC Insecticide and other Group 28 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.

Unless directed otherwise in the specific crop/insect sections of the label, the following practices are recommended to prevent or delay the development of insecticide resistance to CL73507 200 SC Insecticide:

- Where possible, rotate the use of CL73507 200 SC Insecticide or other Group 28 insecticides with different groups that control the same pests.
- Avoid using the same mode of action (same IRAC group number) on consecutive generations of insect pests.
- Use tank mixtures with insecticides from a different group that is effective on the target pest when such use is permitted.
- Target most susceptible insect life stages, whenever possible.
- Insecticide use should be based on an IPM program that includes scouting and record keeping, and considers cultural, biological and other chemical control practices.
- Monitor treated pest populations for resistance development.
- Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and/or IPM recommendations for the specific site and pest problems in your area.

For further information or to report suspected resistance contact Bayer CropScience Inc. at 1-888-283-6847 or at www.cropscience.bayer.ca.