

Container Label

GROUP	30	INSECTICIDE
-------	----	-------------

Cimegra®

Insecticide

For foliar, drench and soil applied use in labelled crops for control of specified chewing insect pests

Suspension Concentrate

COMMERCIAL (AGRICULTURAL)

ACTIVE INGREDIENT: Broflanilide 100 g/L

Contains 1,2-benzisothiazolin-3-one at 0.040%, 5-chloro-2-methyl-4-isothiazolin-3-one at 0.0011% and 2-methyl-4-isothiazolin-3-one at 0.00037%, as preservatives

Warning, contains the allergen soy

REGISTRATION NO. 33666

PEST CONTROL PRODUCTS ACT

KEEP OUT OF REACH OF CHILDREN

READ THE LABEL AND THE BOOKLET BEFORE USING

IN CASE OF EMERGENCY ENDANGERING LIFE OR PROPERTY INVOLVING THIS PRODUCT, CALL DAY OR NIGHT, 1-800-454-2673

NET CONTENTS: 0.1 L to Bulk

BASF Agricultural Solutions Canada Inc.
510 - 28 Quarry Park Blvd. SE
Calgary, Alberta T2C 5P9
1-877-371-2273

CIMEGRA is a registered trade-mark of BASF Agrochemical Products B.V., used under license by BASF Agricultural Solutions Canada Inc.

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

TOXICOLOGICAL INFORMATION

Treat symptomatically.

PRECAUTIONS

1. **KEEP OUT OF REACH OF CHILDREN.**
2. Wear a long-sleeved shirt, long pants, chemical-resistant gloves, shoes and socks during mixing, loading, application, clean-up and repair. Gloves are not required during application within a closed cab.
3. Wash hands before eating, drinking, smoking or using the toilet. Change out of work clothes and take a bath or shower after handling or spraying the product. Launder protective clothing before re-use.
4. Clean spray equipment thoroughly after use.
5. 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.
6. For foliar applications, **DO NOT** enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours.

ENVIRONMENTAL PRECAUTIONS

Toxic to bees. Bees may be exposed through direct spray, spray drift, and residues on leaves, pollen and nectar in flowering crops and weeds. Minimize spray drift to reduce harmful effects on bees in habitats close to the application site. Follow complete Environmental Precautions and crop specific directions for application timing in booklet.

Toxic to aquatic organisms. Observe spray buffer zones and vegetative filter strips specified under DIRECTIONS FOR USE.

Toxic to certain beneficial arthropods. Minimize spray drift to reduce harmful effects on beneficial arthropods in habitats next to the application site such as hedgerows and woodland. Care should be taken when using this product in an integrated pest management program where users are relying on the presence of beneficial arthropods.

Please refer to the booklet for the complete list of ENVIRONMENTAL PRECAUTIONS.

STORAGE

1. Prevent from freezing; however, in the instance that the product freezes, allow to thaw at room temperature for 24 hours and agitate well prior to use.
2. Store this product away from food and feed.
3. Store in original tightly closed container in a cool, dry, locked, well-ventilated area without floor drain.

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 any further use.

If there is no container collection site in your area, dispose of the container in accordance with provincial or territorial requirements.

For Returnable Containers

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

For Non-Returnable Containers

1. Triple or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Follow provincial instructions for any required additional cleaning of the container prior to its disposal.
3. Make the empty container unsuitable for further use.
4. Dispose of the container in accordance with provincial or territorial requirements.

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

NOTICE TO USER

This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label.

Booklet

GROUP

30

INSECTICIDE

Cimegra®

Insecticide

For foliar, drench and soil applied use in labelled crops for control of specified chewing insect pests

Suspension Concentrate

COMMERCIAL (AGRICULTURAL)

ACTIVE INGREDIENT: Broflanilide..... 100 g/L

Contains 1,2-benzisothiazolin-3-one at 0.040%, 5-chloro-2-methyl-4-isothiazolin-3-one at 0.0011% and 2-methyl-4-isothiazolin-3-one at 0.00037%, as preservatives

Warning, contains the allergen soy

REGISTRATION NO. 33666

PEST CONTROL PRODUCTS ACT

KEEP OUT OF REACH OF CHILDREN

READ THE LABEL AND THE BOOKLET BEFORE USING

IN CASE OF EMERGENCY ENDANGERING LIFE OR PROPERTY INVOLVING THIS PRODUCT, CALL DAY OR NIGHT, 1-800-454-2673

NET CONTENTS: 0.1 L to Bulk

BASF Agricultural Solutions Canada Inc.
510 - 28 Quarry Park Blvd. SE
Calgary, Alberta T2C 5P9
1-877-371-2273

CIMEGRA is a registered trade-mark of BASF Agrochemical Products B.V., used under license by BASF Agricultural Solutions Canada Inc.

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

TOXICOLOGICAL INFORMATION

Treat symptomatically.

PRECAUTIONS

1. **KEEP OUT OF REACH OF CHILDREN.**
2. Wear a long-sleeved shirt, long pants, chemical-resistant gloves, shoes and socks during mixing, loading, application, clean-up and repair. Gloves are not required during application within a closed cab.
3. Wash hands before eating, drinking, smoking or using the toilet. Change out of work clothes and take a bath or shower after handling or spraying the product. Launder protective clothing before re-use.
4. Clean spray equipment thoroughly after use.
5. 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.
6. For foliar applications, **DO NOT** enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours.

ENVIRONMENTAL PRECAUTIONS

Toxic to bees. Bees may be exposed through direct spray, spray drift, and residues on leaves, pollen and nectar in flowering crops and weeds. Minimize spray drift to reduce harmful effects on bees in habitats close to the application site. Avoid applications when bees are foraging in the treatment area in ground cover containing blooming weeds. To further minimize exposure to pollinators, refer to the complete guidance “Protecting Pollinators during Pesticide Spraying – Best Management Practices” on the Health Canada website (www.canada.ca/pollinators). Follow crop specific directions for application timing.

Toxic to aquatic organisms. Observe spray buffer zones and vegetative filter strips specified under DIRECTIONS FOR USE. 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. To reduce risk to aquatic organisms from runoff, a vegetative filter strip of at least 10 metres wide between the field edge and adjacent, downhill aquatic habitats must be observed, as specified under DIRECTIONS FOR USE.

Toxic to certain beneficial arthropods (which may include predatory and parasitic insects, spiders, and mites). Minimize spray drift to reduce harmful effects on beneficial arthropods in habitats next to the application site such as hedgerows and woodland. Care should be taken when using this product in an integrated pest management program where users are relying on the presence of beneficial arthropods.

STORAGE

1. Prevent from freezing; however, in the instance that the product freezes, allow to thaw at room temperature for 24 hours and agitate well prior to use.
2. Store this product away from food and feed.
3. Store in original tightly closed container in a cool, dry, locked, well-ventilated area without floor drain.

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 any further use.

If there is no container collection site in your area, dispose of the container in accordance with provincial or territorial requirements.

For Returnable Containers

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

For Non-Returnable Containers

1. Triple or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Follow provincial instructions for any required additional cleaning of the container prior to its disposal.
3. Make the empty container unsuitable for further use.
4. Dispose of the container in accordance with provincial or territorial requirements.

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

GENERAL INFORMATION

Cimegra® insecticide is a contact insecticide that may be applied in-furrow, pre-plant incorporated (PPI), or as a T-band to control specified below ground chewing insect pests. **Cimegra** may also be applied as a foliar insecticide or drench banded spray for control of a variety of chewing pests. Broflanilide, the active ingredient in **Cimegra**, is a Group 30 insecticide.

DIRECTIONS FOR USE

See **Crop Application Tables** for detailed application instructions to control specified insects.

Shake container well before use.

DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

As this product is not registered for the control of pests in aquatic systems, **DO NOT** use to control aquatic pests.

To protect pollinators, follow the instructions regarding bees in the Environmental Precautions section.

For foliar and drench use:

- Apply recommended rates of **Cimegra** insecticide as instructed in the following series of **Crop Application Tables**. For foliar applications to be most effective, apply at the first sign of insects and before the build-up of heavy pressure. Applications must be timed to coincide with locally recommended treatment threshold levels.

- **Cimegra** insecticide is not systemic. Thorough and uniform coverage of all plant parts is required for effective control. Foliar applications may be made using properly calibrated ground equipment. Use of higher water volumes is recommended for thorough and uniform coverage. Applying **Cimegra** insecticide at spray volumes lower than directed can make it harder to obtain thorough coverage and may result in slower activity and/or inadequate control.
- For drench application, apply **Cimegra** insecticide as a post-planting drench banded spray, 10 cm on each side of the plant, targeting the soil and base of plant to control cabbage maggot.
- **DO NOT** apply by air.
- **DO NOT** use in greenhouses.

For in-furrow, PPI and T-band use:

- For soil applications, apply in-furrow, PPI or as a T-band at planting as instructed in the **Crop Application Tables**. Apply as a dilute concentrate in sufficient water to get good coverage of the application area.
- In-furrow, PPI or T-band applications may be made using properly calibrated application equipment as indicated in the **Crop Application Tables** below. **Cimegra** insecticide requires thorough coverage of the target area, and product rate used per 100 m is dependent on the crop row spacing. **Do not exceed the rate of 250 mL/ha (25 g a.i./ha)**. Applications made with less than thorough coverage may result in compromised control.

Plant Tolerance

This product has been tested on a number of crop varieties with no phytotoxicity observed at labeled rates; however, **Cimegra** insecticide has not been tested on all varieties and cultivars, or under all weather or soil conditions. Due to the large number of plant species and their associated varieties or cultivars, and due to variable growing conditions, it is impossible to test every plant for tolerance to this product.

Crop Application Tables

Table 1: Potato Application Instructions – In-furrow

<p>Potato Potato (<i>Solanum tuberosum</i>)</p>
<p>Instructions for In-furrow Use to Control Wireworm¹ in Potatoes Use 250 mL/ha of Cimegra insecticide in-furrow to control wireworm in potato. Apply at planting as a dilute spray in water. Apply the in-furrow spray to uniformly cover the seed pieces and surrounding soil. The spray pattern should be a 10 to 20 cm (4 to 8 inch) band that is applied to the open seed piece furrow prior to being covered with soil.</p> <p>Dilute Cimegra insecticide product in a minimum of 50 L of water per hectare and apply the dilute mixture into the furrow. Use sufficient water to ensure thorough coverage of the seed piece and surrounding seed furrow.</p> <p>DO NOT apply Cimegra insecticide to the soil surface of a closed furrow.</p>

Product Rate (mL/ha)	Product Rate for 90 cm (36") Row Spacing* (mL Cimegra per 100 metres of row)
250	2.3
<p>*For a different row spacing, adjust the product rate using the following equation: (row spacing (cm) / 90) x 2.3 mL = mL per 100 metres of row.</p> <p>For example, for an 81 cm (32") row spacing, the formula would be: (81/90) x 2.3 mL = 2.07 mL Cimegra insecticide in sufficient water to treat 100 metres of row.</p> <p>Do not exceed 250 mL/ha (25 g a.i./ha).</p>	
<p>¹ Pests Controlled: Wireworms, such as <i>Agriotes obscurus</i>, <i>Agriotes sputator</i>, <i>Conderus</i> sp., <i>Hypnoides bicolor</i>, <i>Limonius californicus</i>, <i>Limonius infuscatus</i>, <i>Melanotus cribulosus</i>, <i>Melatonus</i> sp. and <i>Selatosomus destructor</i></p>	

Table 2: Potato Application Instructions – Foliar

Potato (<i>Solanum tuberosum</i>)			
Crop(s)	Pest Controlled	Rate per Application (mL/ha)	Pre-Harvest Interval (days)
Potato	Colorado potato beetle (<i>Leptinotarsa decemlineata</i>)	125– 187.5	14
<ul style="list-style-type: none"> • Allow a minimum of 7 days between applications. Monitor pest population and reapply if necessary once thresholds are reached. • DO NOT apply more than 2 foliar applications per year. • DO NOT apply more than 50 g active ingredient per hectare per year total. This includes all application types (i.e., seed treatment, soil and foliar). • Toxic to bees. Avoid application during the crop blooming period. If applications must be made during the crop blooming period, restrict applications to evening when most bees are not foraging. When using managed bees for pollination services, DO NOT apply during the crop blooming period. • Use higher application rate under heavy pest pressure. • Use adequate water volume to ensure thorough coverage of foliage. 			

Table 3: Corn Application Instructions – In-furrow and T-band

Corn (All types)
<p>Instructions for In-furrow Use to Control Wireworm¹ and Corn Rootworm in Corn</p> <p>Use 250 mL/ha of Cimegra insecticide in furrow to control wireworm and corn rootworm (<i>Diabrotica virgifera virgifera</i> and <i>Diabrotica barberi</i>) in corn. Apply at planting as an in-furrow or T-band spray by directing spray pattern to uniformly cover seed and surrounding soil.</p> <ul style="list-style-type: none"> • In-furrow – Apply through spray nozzles or microtubes into the open seed furrow, between the planter furrow openers and press wheels. • T-band – Apply in a 10 to 20 cm (4 to 8 inch) band over the top of the open seed furrow, between planter furrow openers and press wheels. DO NOT T-band over the top of a closed furrow.

Dilute Cimegra insecticide product in a minimum of 50 L of water per hectare and apply the dilute mixture into the furrow or T-band. Use sufficient water to ensure thorough coverage of the seed and surrounding seed furrow.	
Product Rate (mL/ha)	Product Rate for 76 cm (30") Row Spacing* (mL Cimegra per 100 metres of row)
250	1.9
<p>*For a different row spacing, adjust the product rate using the following equation: (row spacing (cm) / 76) x 1.9 mL = mL per 100 metres of row.</p> <p>For instance, for a 53 cm (21") row spacing, the formula would be: (53/76) x 1.9 mL = 1.3 mL Cimegra insecticide in sufficient water to treat 100 metres of row.</p> <p>Do not exceed 250 mL/ha (25 g a.i./ha).</p>	
<p>¹ Pests Controlled: Wireworms, such as <i>Agriotes obscurus</i>, <i>Agriotes sputator</i>, <i>Conderus</i> sp., <i>Hypnoides bicolor</i>, <i>Limonius californicus</i>, <i>Limonius infuscatus</i>, <i>Melanotus cribulosus</i>, <i>Melatonus</i> sp. and <i>Selatosomus destructor</i>, and corn rootworm</p>	

Table 4: Sweet Potato Application Instructions – Pre-plant incorporated

Sweet Potato (<i>Ipomoea batatas</i>)
<p>Instructions for Pre-plant Incorporated Use to Control Wireworm¹ in Sweet Potatoes Use 250 mL/ha of Cimegra insecticide pre-plant incorporated to control wireworm in sweet potato. Product may be broadcast sprayed and incorporated prior to hill formation, sprayed as a band application immediately prior to hill formation, or sprayed as a band in front of row units on hilling equipment to ensure incorporation of product.</p> <p>Dilute Cimegra insecticide product in a minimum of 50 L of water per hectare and apply the dilute mixture. Use sufficient water to ensure thorough coverage of treated soil.</p> <p>Cimegra insecticide MUST be incorporated during or immediately after application.</p>
<p>Product Rate (mL/ha): 250</p> <p>Do not exceed 250 mL/ha (25 g a.i./ha).</p>
<p>¹ Pests Controlled: Wireworms, such as <i>Agriotes obscurus</i>, <i>Agriotes sputator</i>, <i>Conderus</i> sp., <i>Hypnoides bicolor</i>, <i>Limonius californicus</i>, <i>Limonius infuscatus</i>, <i>Melanotus cribulosus</i>, <i>Melatonus</i> sp. and <i>Selatosomus destructor</i></p>

Table 5: Brassica Head and Stem Vegetables CG 5-13 Application Instructions – Drench

<p>CROP GROUP 5-13: Brassica Head and Stem Vegetables Broccoli, Brussels sprouts, Cabbage, Chinese Cabbage (napa), Cauliflower, Cultivars, varieties and/or hybrids of these</p>			
<p>Instructions for Post-Planting Application to Control Cabbage Maggot Apply 250 mL/ha¹ of Cimegra insecticide post-planting as a drench banded spray, 10 cm on each side of the plant targeting the soil and base of plant to control cabbage maggot. For best results apply at peak egg laying. Use a minimum water volume of 1000 L/ha. Optimum application timing is based on field scouting. Begin applications when adult activity is observed in or near the field.</p>			
Crop(s)	Pests Controlled	Rate per Application (mL/ha)	Pre-Harvest Interval (days)
CROP GROUP 5-13: Brassica Head and Stem Vegetables	Cabbage maggot	250 ¹	1
<p>¹ 1.9 mL/100 m of row for 76 cm (30") row spacing. For a different row spacing, adjust the product rate using the following equation: (row spacing (cm) / 90) x 2.3 mL = mL per 100 m of row.</p> <ul style="list-style-type: none"> • Allow a minimum of 10 days between applications. Monitor pest population and reapply if necessary once thresholds are reached. • DO NOT apply more than 2 applications per year. • DO NOT apply more than 50 g active ingredient per hectare per year total. This includes all application types (i.e., seed treatment, soil and foliar). • Toxic to bees. DO NOT apply during the crop blooming period. 			

Table 6: Brassica Head and Stem Vegetables CG 5-13 Application Instructions – Foliar

<p>CROP GROUP 5-13: Brassica Head and Stem Vegetables Broccoli, Brussels sprouts, Cabbage, Chinese Cabbage (napa), Cauliflower, Cultivars, varieties and/or hybrids of these</p>			
Crop(s)	Pests Controlled	Rate per Application (mL/ha)	Pre-Harvest Interval (days)
CROP GROUP 5-13: Brassica Head and Stem Vegetables	Diamondback moth (<i>Plutella xylostella</i>) Cabbage looper (<i>Trichoplusia ni</i>) Imported cabbageworm (<i>Pieris rapae</i>) Flea beetles (<i>Phyllotreta</i> spp.)	125	1
<ul style="list-style-type: none"> • Allow a minimum of 7 days between applications. Monitor pest population and reapply if necessary once thresholds are reached. 			

- **DO NOT** apply more than 2 foliar applications per year.
- Toxic to bees. **DO NOT** apply during the crop blooming period.
- Use adequate water volume to ensure thorough coverage of foliage.
- Apply with a non-ionic wetting and spreading agent at a rate of 0.25% v/v.

Table 7: Leafy Vegetables CG 4-13 Application Instructions – Foliar

CROP GROUP 4-13: Leafy Vegetables			
Chinese Amaranth, Leafy Amaranth, Arugula, Indian Aster, Blackjack, Broccoli raab, Chinese Broccoli, Cabbage (Abyssinian, seakale), Cat's Whiskers, Cham-chwi, Cham-na-mul, Fresh Chervil leaves, Chinese cabbage (bok choy), Chipilin, Garland Chrysanthemum, Cilantro (fresh leaves), Collards, Corn salad (including Lamb's lettuce and Italian Corn salad), Cosmos, Cress (garden, 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, Kale, lettuce (bitter, head, leaf, romain), Maca, Mizuna, Mustard greens, Orach, Parsley (fresh leaves), Plantain (buckhorn and Common), English Primrose, Purslane (garden and winter), Radicchio (Red Chicory), Radish (leaves), Rape greens, Wild Rocket, Shepherd's purse, Spinach (Including Malabar, New Zealand, Tanier and tree), Swiss chard, Turnip greens, Chinese Violet, Watercress, Cultivars, varieties and/or hybrids of these			
Crop(s)	Pest Controlled	Rate per Application (mL/ha)	Pre-Harvest Interval (days)
CROP GROUP 4-13: Leafy Vegetables	Diamondback moth (<i>Plutella xylostella</i>) Imported cabbageworm (<i>Pieris rapae</i>) Cabbage looper (<i>Trichoplusia ni</i>) Flea beetles (<i>Phyllotreta</i> spp.) Red-headed flea beetle (<i>Systema frontalis</i>)	125	1
<ul style="list-style-type: none"> • Allow a minimum of 7 days between applications. Monitor pest population and reapply if necessary once thresholds are reached. • DO NOT apply more than 2 foliar applications per year. • Toxic to bees. DO NOT apply during the crop blooming period. • Use adequate water volume to ensure thorough coverage of foliage. 			

Table 8: Fruiting Vegetables CG 8-9 Application Instructions – Foliar

CROP GROUP 8-09: Fruiting Vegetables
African Eggplant, Currant tomato, Eggplant, Garden huckleberry, Goji berry, Groundcherry, Martynia, Okra, Pea eggplant, Pepino, bell Pepper, non-bell Pepper, Scarlet Eggplant, Sunberry, Tomatillo, Tomato, Cultivars, varieties and hybrids of these commodities

Crop(s)	Pests Controlled	Rate per Application (mL/ha)	Pre-Harvest Interval (days)
CROP GROUP 8-09: Fruiting Vegetables	Colorado potato beetle (<i>Leptinotarsa decemlineata</i>)	125 – 187.5	1
	Tomato hornworm (<i>Manduca quinquemaculata</i>) Tobacco hornworm (<i>Manduca sexta</i>)	125	1
<ul style="list-style-type: none"> • Allow a minimum of 7 days between applications. Monitor pest population and reapply if necessary once thresholds are reached. • DO NOT apply more than 2 foliar applications per year. • Toxic to bees. DO NOT apply during the crop blooming period. • For Colorado potato beetle, use higher application rate under heavy pest pressure. • Use adequate water volume to ensure thorough coverage of foliage. 			

Table 9: Leaf Petioles Vegetables CSG 22B Application Instructions – Foliar

CROP SUBGROUP 22B: Leaf Petioles Vegetables			
Cardoon, Celery, Chinese Celery, Fuki, Rhubarb, Udo, Zuiki, Cultivars, varieties, and hybrids of these commodities			
Crop(s)	Pest Controlled	Rate per Application (mL/ha)	Pre-Harvest Interval (days)
CROP SUBGROUP 22B: Leaf Petioles Vegetables	Diamondback moth (<i>Plutella xylostella</i>) Imported cabbageworm (<i>Pieris rapae</i>) Cabbage looper (<i>Trichoplusia ni</i>) Flea beetles (<i>Phyllotreta</i> spp.) Red-headed flea beetle (<i>Systema frontalis</i>)	125	1
<ul style="list-style-type: none"> • Allow a minimum of 7 days between applications. Monitor pest population and reapply if necessary once thresholds are reached. • DO NOT apply more than 2 foliar applications per year. • Toxic to bees. DO NOT apply during the crop blooming period. • Use adequate water volume to ensure thorough coverage of foliage. 			

Table 10: Soybean Application Instructions – Foliar

Soybean			
Crop(s)	Pests Controlled	Rate per Application (mL/ha)	Pre-Harvest Interval (days)
Soybean	Soybean looper (<i>Chrysodeixis includens</i>) Bean leaf beetle (<i>Cerotoma trifurcata</i>)	125	14
	Japanese beetle (<i>Popilla japonica</i>)	125 – 187.5	14
<ul style="list-style-type: none"> • DO NOT graze or feed treated soybean hay or straw to livestock. • Allow a minimum of 7 days between applications. Monitor pest population and reapply if necessary once thresholds are reached. • DO NOT apply more than 2 foliar applications per year. • Toxic to bees. DO NOT apply during the crop blooming period. • For Japanese beetle, use higher application rate under heavy pest pressure. • Use adequate water volume to ensure thorough coverage of foliage. 			

Rotational Crops

Immediate plant-back is permitted for all labelled crops. A plant-back interval of 30 days is required for all crops not on the label.

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

DO NOT apply by air.

Spray Buffer zones

A spray buffer zone is NOT required for uses with hand-held application equipment, and soil drench, in-furrow, PPI, and T-band applications permitted on this label.

The spray buffer zones specified in the table below are required between the point of direct application and the closest downwind edge of sensitive freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands) and estuarine/marine habitats.

Method of application	Crop	Spray Buffer Zones (metres) Required for the Protection of:				
		Freshwater Habitat of Depths:		Estuarine/Marine Habitat of Depths:		Terrestrial Habitat
		Less than 1 m	Greater than 1 m	Less than 1 m	Greater than 1 m	
Field sprayer	Potato, brassica head and stem vegetables (CG 5-13), fruiting vegetables (CG 8-09), leafy vegetables (CG 4-13), leaf petioles vegetables (CSG 22B), soybean	5	3	5	4	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 (ASABE) 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 Drift Mitigation portion of the Canada.ca website.

Vegetative Filter Strip (VFS)

A Vegetative Filter Strip (VFS) of at least 10 metres wide must be constructed and maintained. The VFS is required between the field edge and adjacent, downhill aquatic habitats to reduce risk to aquatic organisms from run-off. Aquatic habitats include, but are not limited to, lakes, reservoirs, rivers, permanent streams, marshes or natural ponds, and estuaries.

The VFS is to be composed of grasses and may also include shrubs, trees, or other vegetation. Additional guidance can be found on the Runoff Mitigation portion of the Canada.ca website.

Both VFS and spray drift buffer zones must be observed.

RESISTANCE-MANAGEMENT RECOMMENDATIONS

For resistance management, **Cimegra** contains a Group 30 insecticide. Any insect population may contain individuals naturally resistant to **Cimegra** and other Group 30 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 **Cimegra** insecticide or other Group 30 insecticides with different groups that control the same pests.

- **DO NOT** exceed two foliar applications of **Cimegra** insecticide per year as stated in the **Crop Application Tables**.
- 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 BASF Agricultural Solutions Canada Inc. ("BASF") at 1-877-371-2273 or at www.agsolutions.ca.

MIXING

1. Ensure the mix tank is clean before use. Follow the clean-out recommendations stated on the label of the product that was previously used.
2. Fill the tank one-half full of water and start agitation.
3. Shake/agitate container well before use.
4. Add the required amount of **Cimegra** insecticide to the mix tank.
5. Continue agitation while filling the remainder of the mix tank.
6. Clean the mix tank after use.

Tank Mixing

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

In some cases, tank mixing pest control products can result in reduced pesticide efficacy or increased host crop injury. The user should contact BASF at 1-877-371-2273 or at www.agsolutions.ca for information before applying any tank mix that is not specifically recommended on this label.

Tank Mix Compatibility Determination

To determine compatibility, mix all components of the finished spray in proportionate quantities in a small jar. Add components to the test jar in the following order: wettable powders and water dispersible granules, liquid flowables and suspensions, emulsifiable concentrate formulations, and solutions. If the mixture does not ball-up or form flakes, sludge, jelly, oily films or layers, or other precipitates within 2 hours after mixing and can easily be resuspended with agitation, then the tested spray-mix is compatible. Always follow the most restrictive label regarding any precautions when tank mixing.

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.