

Container Label

GROUP	30	INSECTICIDE
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Cimegra®

Insecticide

For use in corn (field, pop, sweet and seed) and potato

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 Canada Inc.
100 Milverton Drive, 5th Floor
Mississauga, ON L5R 4H1
1-877-371-2273

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

ENVIRONMENTAL PRECAUTIONS

Toxic to bees. However, this product is not systemic and when used according to label directions, minimal exposure or risk is expected.

Toxic to aquatic organisms.

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. To prevent contamination, 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 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

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

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

NOTICE TO USER

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

Booklet

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ENVIRONMENTAL PRECAUTIONS

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Toxic to aquatic organisms.

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.

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GENERAL INFORMATION

Cimegra insecticide is a suspension concentrate (SC) that may be applied in-furrow or as a T-band (see Crop Application Tables) to control certain below ground chewing insect pests. Broflanilide, the active ingredient in **Cimegra**, is a Group 30 insecticide.

DIRECTIONS FOR USE

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

For **Cimegra** insecticide to be most effective, apply in-furrow or as a T-band at planting. Apply as a dilute concentrate in sufficient water to get good coverage of the seed furrow. **DO NOT** apply **Cimegra** to the soil surface.

In-furrow or T-band applications may be made using properly calibrated application equipment as indicated in the Crop Application Tables below (Table 1 and 2). **Cimegra** requires thorough coverage of seed/seed piece, 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 less 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: Cimegra insecticide Potato Application Instructions

Potato Potato (<i>Solanum tuberosum</i>)	
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. 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. DO NOT apply Cimegra insecticide to the soil surface of a closed furrow.	
Product Rate (mL/ha)	Product Rate for 90 cm (36") Row Spacing* (mL Cimegra per 100 metres of row)
250	2.3

*For a different row spacing, adjust the product rate using the following equation:
 $(\text{row spacing (cm)} / 90) \times 2.3 \text{ mL} = \text{mL per 100 metres of row.}$

For example, for an 81 cm (32") row spacing, the formula would be: $(81/90) \times 2.3 \text{ mL} = 2.07 \text{ mL Cimegra}$ insecticide in sufficient water to treat 100 metres of row.

Do not exceed 250 mL/ha (25 g a.i./ha).

¹ **Pests Controlled:** Wireworms, such as *Agriotes obscurus*, *Agriotes sputator*, *Conderus* sp., *Hypnoides bicolor*, *Limonius californicus*, *Limonius infuscatus*, *Melanotus cribulosus*, *Melatonus* sp. and *Selatosomus destructor*

Table 2: Cimegra insecticide Corn Application Instructions

Corn (All types)	
<p>Instructions for In-furrow Use to Control Wireworm¹ and Corn Rootworm in Corn 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. <p>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.</p>	
Product Rate (mL/ha)	Product Rate for 76 cm (30") Row Spacing* (mL per 100 metres of row)
250	1.9
<p>*For a different row spacing, adjust the product rate using the following equation: $(\text{row spacing (cm)} / 76) \times 1.9 \text{ mL} = \text{mL per 100 metres of row.}$</p> <p>For instance, for a 53 cm (21") row spacing, the formula would be: $(53/76) \times 1.9 \text{ mL} = 1.3 \text{ mL Cimegra}$ 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>	

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.

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:

- Insecticide use should be based on an IPM program that includes scouting and record keeping, and considers cultural, biological and other chemical control practices.
- 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 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 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.