

# CAUTION

**KEEP OUT OF REACH OF CHILDREN  
READ SAFETY DIRECTIONS BEFORE OPENING OR USING**

## Cimegra Insecticide

**ACTIVE CONSTITUENT: 100 g/L BROFLANILIDE**



For the control of diamond back moth in brassica vegetables and Chinese cabbage as per the DIRECTIONS FOR USE table.

**IMPORTANT: READ THE SAFETY DIRECTIONS BEFORE  
USING THIS PRODUCT**

CONTENTS: 1L - 20L

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**APVMA Approval No.: 91936/133991**



**DIRECTIONS FOR USE**

**RESTRAINTS**

Do NOT apply by aircraft.

DO NOT apply if heavy rains or storms are forecast within 3 days.

DO NOT irrigate to the point of field runoff for at least 3 days after application.

DO NOT use in protected cropping situations

**SPRAY DRIFT RESTRAINTS**

Specific definitions for terms used in this section of the label can be found at [apvma.gov.au/spraydrift](http://apvma.gov.au/spraydrift).

DO NOT allow bystanders to come into contact with the spray cloud.

DO NOT apply in a manner that may cause an unacceptable impact to native vegetation, agricultural crops, landscaped gardens and aquaculture production, or cause contamination of plant or livestock commodities, outside the application site from spray drift. The buffer zones in the relevant buffer zone table/s below provide guidance but may not be sufficient in all situations. Wherever possible, correctly use application equipment designed to reduce spray drift and apply when the wind direction is away from these sensitive areas.

DO NOT apply unless the wind speed is between three and 20 kilometres per hour at the application site during the time of application.

DO NOT apply if there are hazardous surface temperature inversion conditions present at the application site during the time of application. Surface temperature inversion conditions exist most evenings one to two hours before sunset and persist until one to two hours after sunrise.

**Boom sprayers**

DO NOT apply by a boom sprayer unless the following requirements are met:

- Spray droplets are not smaller than an EXTREMELY COARSE spray droplet size category.
- Minimum distances between the application site and downwind sensitive areas are observed (see ‘Mandatory buffer zones’ section of the following table titled ‘Buffer zones for boom sprayers’).

**Buffer zones for boom sprayers:**

| Application rate | Boom height above the target canopy | Mandatory downwind buffer zones |                       |                  |                  |                 |
|------------------|-------------------------------------|---------------------------------|-----------------------|------------------|------------------|-----------------|
|                  |                                     | Bystander areas                 | Natural aquatic areas | Pollinator areas | Vegetation areas | Livestock areas |
| Up to 250 mL/ha  | 0.5 m or lower                      | 0 metres                        | 275 metres            | 0 metres         | 0 metres         | 0 metres        |
| 125 mL/ha        | 0.5 m or lower                      | 0 metres                        | 100 metres            | 0 metres         | 0 metres         | 0 metres        |
|                  | 1.0 m or lower                      | 0 metres                        | 400 metres            | 0 metres         | 0 metres         | 0 metres        |

| CROP   | PEST   | RATE          | WHP   | CRITICAL COMMENTS   |
|--|--|---------------|-------|---|
| Chinese cabbage<br><br>Brassica vegetables, including broccoli, broccolini, Brussels sprouts, cabbage, cauliflower, kohlrabi | Diamond back moth ( <i>Plutella xylostella</i> ) | 125-250 mL/ha | 1 day | <p>Use in accordance with local Insecticide Resistance Management Strategy for diamondback moth.</p> <p>Cimegra will control all larval growth stages (instars) of diamond back moth. Apply a maximum of 2 sprays with a 7-14 day spray interval targeting a single pest generation before rotating to an alternative insecticide.</p> <p>Use the higher label rate when larger larvae are present (such as 3<sup>rd</sup>/4<sup>th</sup> instar, or &gt;5mm length for diamond back moth) and in temperatures and conditions where rapid growth is occurring.</p> <p>DO NOT apply more than 50 g active ingredient (500mL product) per hectare per year total. This includes any subsequent crop in the same calendar year</p> <p>Apply in sufficient water to ensure thorough coverage of the target crop.</p> <p>Addition of a non-ionic wetter may aid in coverage, particularly in dense crops and crops with waxy leaves. Speed of knockdown and the overall control may also be improved. If using the lower label rate, the use of a non-ionic wetter is recommended.</p> |

**NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION.**

#### **WITHHOLDING PERIOD**

DO NOT harvest for 1 day after application.

#### **GRAZING**

DO NOT allow livestock to graze crops or vegetable waste that has been treated with Cimegra Insecticide.

#### **TRADE ADVICE**

Export of treated commodities:

Growers should note that Maximum Residue Limits (MRLs) or import tolerances do not exist in all markets for labeled crops treated with Cimegra Insecticide. Additionally, some export markets have established MRLs different to those in Australia. If you are growing crops for export, please check with BASF Australia Ltd for the latest information on MRLs and import tolerances BEFORE using this product.

## GENERAL INSTRUCTIONS

### MIXING

CIMEGRA Insecticide is a suspension concentrate (SC) formulation. When using in a tank mix with other products, the following mix order should be observed;

1. Half fill the spray tank with water. Maintain constant agitation;
2. Add any water dispensable granule (WDG/WG), wettable powder (WP), dry flowable (DF), water soluble granule (SG) formulated products first and allow dispersion
3. Add any other flowable liquid (FL) and suspension concentrate (SC) formulations including CIMEGRA Insecticide
4. Add any other emulsifiable concentrate (EC) formulations and micro-emulsions (ME)
5. Add any water-soluble salts/concentrates (SL)
6. Add any adjuvants as required
7. Add any foliar fertilizer as required
8. Add remaining water

### APPLICATION

Apply by ground rig only. To be effective, thorough crop coverage is required. Ensure this by increasing water volume with plant growth stage.

Techniques to minimize drift should be employed at all times when applying sprays (see RESTRAINTS and SPRAY DRIFT RESTRAINTS). DO NOT use a higher spray system pressure than the maximum the manufacturer specifies for the selected nozzle to deliver the droplet size category required in the label Spray Drift Restraint.

### COMPATIBILITY

CIMEGRA Insecticide is physically compatible with the following products in a two-way tank-mix (maintain constant agitation throughout):

Fungicides: Acrobat SC, Amistar 250 SC, Fontelis (SC), Merivon (SC), Revus (SC), Switch (WG), Tri-Base Blue (L), Zorvec Enicade.

Insecticides: Aphidex 800 (WG), Chess (WG), Efficon (SL), Movento 240 SC, Transform (SC), Versys (DC).

Adjuvants: Hasten, Agral.

Mixes with Luna Sensation (SC), Miravis Prime (SC), Kocide Blue Xtra (WG), Conan Sticks 720 SC, Polyram DF and Filan (WG) may result in **slight particulate** formation.

Mixes with Ranman 400 SC and Infinito SC may result in **moderate particulate** formation.

CIMEGRA Insecticide **is not** compatible with Octave WP and Mancozeb 750 DF..

*Note: ( ) represents product formulation type*

As formulations of other manufacturer's products are beyond the control of BASF, and the quality of water may vary with location, all mixtures should be tested prior to mixing commercial quantities. Physical compatibility of products does not necessarily guarantee biological compatibility. When determining physical compatibility of a product not listed above, or in mixes with CIMEGRA Insecticide more than a two-way mix, conduct a jar test prior to mixing commercial quantities.

## **INSECTICIDE RESISTANCE WARNING**

|              |           |                    |
|--------------|-----------|--------------------|
| <b>GROUP</b> | <b>30</b> | <b>INSECTICIDE</b> |
|--------------|-----------|--------------------|

For insecticide resistance management Cimegra is a Group 30 insecticide. Some naturally-occurring insect biotypes resistant to Cimegra and other Group 30 insecticides may exist through normal genetic variability in any insect population. The resistant individuals can eventually dominate the insect population if Cimegra or other Group 30 insecticides are used repeatedly. The effectiveness of Cimegra on resistant individuals could be significantly reduced. Since occurrence of resistant insects is difficult to detect prior to use, BASF Australia Ltd accepts no liability for any losses that may result from the failure of Cimegra to control resistant insects. Cimegra may be subject to specific resistance management strategies. For further information contact your local supplier, BASF Australia Ltd representative or local agricultural department agronomist.

### **RE-ENTRY PERIOD**

DO NOT enter treated areas until the spray has dried, unless wearing cotton overalls buttoned to the neck and wrist (or equivalent clothing) and chemical resistant gloves. Clothing must be laundered after each day's use.

### **INTEGRATED PEST MANAGEMENT**

Toxic to beneficial arthropods. Not compatible with integrated pest management (IPM) programs utilizing beneficial arthropods. Minimise spray drift to reduce harmful effects on beneficial arthropods in non-crop areas.

### **PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT**

Very toxic to aquatic life. DO NOT contaminate wetlands or watercourses with this product or used containers.

### **PROTECTION OF HONEY BEES AND OTHER INSECT POLLINATORS**

Highly toxic to bees, including bee brood. DO NOT apply to crops from the onset of flowering until flowering is complete. DO NOT allow spray drift to flowering weeds or flowering crops in the vicinity of the treatment area. Before spraying, notify beekeepers to move hives to a safe location with an untreated source of nectar and pollen, if there is potential for managed hives to be affected by the spray or spray drift.

### **STORAGE AND DISPOSAL**

Store in the closed, original container in a dry, cool, well-ventilated area out of direct sunlight. Triple rinse containers before disposal. Add rinsings to spray tank. Do not dispose of undiluted chemicals on site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush, or puncture and deliver empty packaging to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500 mm below the surface in a disposal pit specifically marked and set up for this purpose, clear of waterways, desirable vegetation and tree roots, in compliance with relevant local, state or territory government regulations. DO NOT burn empty containers or product.

### **SAFETY DIRECTIONS**

May irritate the eyes and skin. Avoid contact with eyes and skin. When opening the container, and preparing spray, wear cotton overalls buttoned to the neck and wrist, a washable hat and elbow-length chemical resistant gloves. When using the prepared spray, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing). Wash hands after use. After each day's use, wash gloves and contaminated clothing.



We create chemistry

### **FIRST AID**

If poisoning occurs, contact a doctor or Poisons Information Centre. Telephone 131126 Australia-wide.

### **SAFETY DATA SHEET**

Additional information is listed in the Safety Data Sheet.

### **CONDITIONS OF SALE**

All conditions and warranties rights and remedies implied by law or arising in contract or tort whether due to the negligence of BASF Australia Ltd or otherwise are hereby expressly excluded so far as the same may legally be done provided however that any rights of the Buyer pursuant to non- excludable conditions or warranties of the Competition and Consumer Act 2010 or any relevant legislation of any State are expressly preserved but the liability of BASF Australia Ltd or any intermediate Seller pursuant thereto shall be limited if so permitted by the said legislation to the replacement of the goods sold or the supply of equivalent goods and all liability for indirect or consequential loss or damage of whatsoever nature is expressly excluded. This product must be used or applied strictly in accordance with the instructions appearing hereon. This product is solely sold for use in Australia and must not be exported without the prior written consent of BASF Australia Ltd.

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Batch No:

Date of Manufacture:

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**FOR SPECIALIST ADVICE IN AN**

**EMERGENCY ONLY**

**PHONE 1800 803 440**

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#### **Hazard statements**

Suspected of causing cancer. **Precautionary statement (prevention):** DO NOT handle until all safety precautions have been read and understood. **Precautionary statement (response):** Collect spillage.