

READ SAFETY DIRECTIONS BEFORE OPENING OR USING

# GREEN GUARD<sup>®</sup> SC PREMIUM BIOLOGICAL INSECTICIDE

ACTIVE CONSTITUENT: 100g/L METARHIZIUM ANISOPLIAE VAR. ACRIDUM SPORES

For the Biological Control of Locusts and Grasshoppers

SHAKE WELL BEFORE USE

IMPORTANT: READ THE ATTACHED LEAFLET BEFORE OPENING OR USING

CONTENTS: 750mL, 4L, 7.5L, 15L

BASF Australia Ltd ABN 62 008 437 867  
Level 12, 28 Freshwater Place Southbank VICTORIA 3006, AUSTRALIA  
Website: [www.agro.basf.com.au](http://www.agro.basf.com.au)

Customer Service Hotline: 1800 558 399

APVMA Approval No.61596/750mL/0208, 61596/4L/0208, 61596/7.5L/0208, 61596/15L/0208

® Registered trademark of CSIRO



**STORAGE AND DISPOSAL**

Keep out of reach of children. Store in the closed, original container between 2°C and 8°C (refrigerate, do not freeze). Just prior to use, short term storage at room temperature is acceptable. DO NOT store in direct sunlight. Triple or preferably pressure rinse containers before disposal. Add rinsings to spray tank. DO NOT dispose of undiluted product on site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush, or puncture and bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt.

**SAFETY DIRECTIONS**

May irritate the eyes, nose and throat and skin. Avoid contact with eyes and skin. Avoid inhaling spray mist. Repeated exposure may cause allergic disorders. When preparing product for use wear cotton overalls buttoned to the neck and wrist and a washable hat and elbow-length rubber gloves and face shield. When using the product wear disposable mist mask covering mouth and nose. Wash hands after use.

**FIRST AID**

If poisoning occurs contact a doctor or Poisons Information Centre (Phone Australia 131126).

**MATERIAL SAFETY DATA SHEET**

Additional information is listed in the Material Safety Data Sheet.

**WARRANTY**

The product must be used strictly in accordance with the label directions and instructions. BASF accepts no liability or responsibility for any consequential loss or otherwise arising from failure to follow these directions and instructions. The liability of BASF is limited to that imposed by Statutes and, in any case, the liability is strictly limited to replacement of the product or (at the option of BASF) the refund of the price paid.

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FOR SPECIALIST ADVICE IN AN EMERGENCY ONLY PHONE 1800 803 440 TOLL FREE – ALL HOURS – AUSTRALIA WIDE

## DIRECTIONS FOR USE – SHAKE WELL BEFORE USE

### RESTRAINTS

Do NOT proceed to use this pack until all instructions are read carefully.

Mixing incorrectly will reduce the effectiveness of the product.

Do NOT apply in gusty conditions greater than 8 metres per second or if rain is imminent within 6 hours.

SITUATION	PEST	RATE/h	CRITICAL COMMENTS
Agricultural areas Pastures Crops including Table and Wine Grapes, Forage crops and Non-crop areas	Nymphs of Australian plague locust ( <i>Chortoicetes terminifera</i> ), Wingless grasshopper ( <i>Phaulacridium vittatum</i> ) and pest grasshoppers	500 mL in 75-225 L water per hectare	For best results apply when locusts and grasshoppers are at early nymph stage. <b>Do NOT</b> apply in gusty conditions greater than 8 metres per second or if rain is imminent in the next 6 hours.

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

### WITHHOLDING PERIODS

Pastures, Crops (except Wine Grapes), Forage crops: NOT REQUIRED WHEN USED AS DIRECTED.

Wine Grapes: DO NOT HARVEST FOR 7 DAYS AFTER APPLICATION.

### GENERAL INSTRUCTIONS:

Green Guard® SC Premium Biological Insecticide is specifically designed for small-scale application in agricultural areas, pastures, crops, forage crops and non-crop areas. At the warm to hot (25°C- 35°C) temperatures common during spring and summer, locusts and grasshoppers treated with Green Guard® SC Premium take 8-12 days to die. Mortality may take longer when it is cool or cloudy. Because mortality can take 8-12 days or more, the best strategy with most locusts and grasshoppers is to begin treatment early in the nymphal stage. Treatments normally occur after all locusts and grasshoppers have hatched. However, if early hatchings form dense bands, they should be treated to limit damage. Nymphs hatching less than a week after spraying with Green Guard® SC Premium can pick up spores from the vegetation but those hatching later may have to be treated with further application of Green Guard® SC Premium. When locusts or grasshoppers are spread out, treat all of the infested area. However, locusts sometimes form discrete bands. In such cases, first treat the vegetation for 10-15 m in front of the band and then treat the band itself. The nymphs will not only be treated directly but will also pick up a further dose from the vegetation as they march through it.

### Mixing Instructions

#### SHAKE WELL BEFORE USE

Half fill spray tank and then add Green Guard® SC Premium. Mix well and complete filling of the tank. Keep the spray mix agitated during spraying. Diluted product should be used immediately.

### Application

Ensure equipment being used is free of chemical residues. The formulation is designed to be applied through the diverse range of nozzle or boom spray equipment commonly used to apply water-based sprays. Apply by ground based equipment to achieve a droplet size (VMD) in the range 80-250 µm. As the active ingredient consists of small particles, very fine filters will sometimes clog up. If there is clogging, remove the filter and replace with a filter with a larger mesh. Apply when temperature is between 15°C-30°C.

### Compatibility

This product should not be used with other pesticides.

### PRECAUTIONS

#### Re-entry periods

DO NOT enter treated area for at least 24 hours after spraying, unless wearing a disposable mist mask, cotton overalls buttoned to neck and wrist and a washable hat and rubber gloves. After each day's use, wash clothing and gloves.

**PROTECTION OF BEES**

This product is a potential hazard to bees. DO NOT spray on plants in flower while bees are foraging.

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

DO NOT contaminate streams, rivers or waterways with Green Guard® SC Premium or with used containers. DO NOT apply under weather conditions, or from spray equipment, that may cause spray to drift into nearby natural streams, rivers or waterways. DO NOT apply within 5 m upwind of wetlands, waterbodies or watercourses.

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