

WARNING

KEEP OUT OF REACH OF CHILDREN

READ SAFETY DIRECTIONS BEFORE OPENING OR USING

LifeGard®

BIOSTIMULANT

Contains: *Bacillus mycooides* isolate BmJ. 40% as a water dispersible granule formulation.
Equivalent to a minimum of 30 billion (3×10^{10}) viable spores per gram.

LIFEGARD is a biostimulant that contains a naturally occurring bacterium (*Bacillus mycooides*), a beneficial microbe which supports healthy plant growth. When applied preventatively it aids in reducing the effects of biotic and abiotic stress factors that plants may be exposed to.


NET CONTENTS: 500 grams

Distributed by: Arxada NZ Limited

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Approved pursuant to the HSNO Act 1996, No: HSR002571. See www.epa.govt.nz for approval conditions.

arxada

	GHS CLASSIFICATION	HAZARD STATEMENT
	Eye irritation Cat. 2	Causes serious eye irritation

FIRST AID: IF exposed or concerned: Call the National Poisons Centre 0800 POISON (0800 764 766) / doctor / physician / first aider.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.
PERSONAL PROTECTION: Wear protective gloves/protective clothing/eye protection/face protection. Do not eat, drink, or smoke while using this product. Wash all exposed external body areas thoroughly after handling.
STORAGE: Store in original container, tightly closed and in a dry, cool area away from foodstuffs. Store in accordance with NZS 8409 Management of Agrichemicals.
DISPOSAL: Avoid contamination of any water supply with product or empty container. Crush and bury in an approved landfill. Dispose of product only by using according to this label, or at an approved landfill or disposal facility.
SPILLAGE: Sweep and shovel up spill and place in sealable container labelled for disposal. Avoid dust formation. Wash affected area with water and detergent. Absorb and collect washings and place in the same sealable container as the spilled material. Dispose of the waste safely in suitable landfill.
SAFETY DATA SHEET: Additional information is listed in the Safety Data Sheet available from Arxada NZ Limited or www.arxada.co.nz

PLEASE READ THE ENTIRE LABEL BEFORE MIXING OR USE.

DIRECTIONS FOR USE:

It is an offence to use this product on animals.

LIFEGARD is a naturally occurring (BmJ) strain of *Bacillus mycoides*, a beneficial bacterium for use as a biostimulant. Can be applied to a wide range of crops. When applied preventatively, LIFEGARD helps reduce the impacts of biotic and abiotic stresses, to aid in maintaining healthy crop growth.

Application rate:

Mix LIFEGARD at a concentration of 0.33 grams per litre of water (33 grams / 100 litres of water) and apply as described below and in 'application method'. The amount of LIFEGARD applied per hectare will depend on the spray volume (L/Ha) required to achieve thorough coverage of the crop. Lower volumes (200 – 500 L/Ha) may be sufficient for uniform coverage of newly emerged or transplanted crops, or smaller plants. Crops with large canopies may require higher volumes (500 L/Ha or greater) if using ground spray equipment.

Do not apply less than 70 grams of LIFEGARD per hectare.

Mixing:

LIFEGARD is a water dispersible granule (WG) formulation which must be mixed with water and applied as a foliar spray. Mix the recommended amount of LIFEGARD in clean water with sufficient agitation to maintain a uniform suspension in the spray or mixing tank.

Partially fill the spray tank with clean water and start agitation. Add the specified amount of LIFEGARD for the area to be treated to the spray tank. Complete filling the tank to the required volume for the area to be treated. Maintain agitation until spraying is complete.

Prepare only the amount of spray mix that is required for the immediate application. Do not allow the mixture to stand overnight in the spray tank.

Application timing:

LIFEGARD should be applied preventatively, before the crop is exposed to biotic or abiotic stress conditions. Full protective benefit occurs soon after application, but 3 – 5 days may be required to achieve maximum level of protection.

Apply to healthy, actively growing plants. Do not apply to plants that are stressed due to drought, excessive moisture, excessively hot or cold temperatures, or other environmental stress.

Application method:

Ground applications: LIFEGARD is intended for use as a dilute spray in water for application through conventional ground spray equipment. Use of the correct spray pressure, water volume, nozzle-size and spacing, with the correct ground speed to achieve thorough uniform coverage of the crop.

Withholding period: LIFEGARD can be applied up to, and including, the day of harvest.

Compatibility: LIFEGARD is compatible with a range of insecticides, fungicides and adjuvants. Check with your distributor for further information.

Rainfastness: 3 hours

Storage stability: At least 18 months. Keep packaging closed when not in use. Store below 25°C.

Notice to the buyer: The manufacturer and vendors of LIFEGARD warrant the formulation to contain the specified active ingredient within accepted tolerance but make no warranty of any kind on the uses of material and accept no responsibility, whether the material is used in accordance with the label directions or not.

