

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

# Companion<sup>®</sup> Gold

## MICROBIAL INOCULANT

**Contains:** 0.3 g/l Dried *Bacillus subtilis* (GB03 Strain) and contains not less than  $1.5 \times 10^7$  cfu/ml in a suspension concentrate

**A microbial inoculant for horticulture,  
agriculture and specialty use (N-P-K 2-1.3-1.6)**

**NET CONTENTS: 10 LITRES**  
® Registered Trademark of DPH Biologicals

**arxada**

	GHS CLASSIFICATION	HAZARD STATEMENT
	Non Hazardous	

**FIRST AID:** If exposed or concerned: Call the National Poisons Centre 0800 POISON (0800 764 766) / doctor / physician / first aider.  
**PERSONAL PROTECTION:** Wear protective gloves/protective clothing/eye protection/face protection. Do not eat, drink or smoke while using this product. Wash hands after handling the product.  
**STORAGE:** Store locked up. 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. Triple rinse empty container placing rinse water in the spray tank. If recycling, discard cap and deliver clean container to an Agrecovery depot or 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:** Wear appropriate protective clothing. Exclude all bystanders from the vicinity of the spill and prevent material from entering waterways. Contain liquid spills and absorb with inert material and place in waste containers. Wash area with water and absorb with further inert material. Dispose of waste safely in an approved landfill.  
**SAFETY DATA SHEET:** Additional information is listed in the Safety Data Sheet available from Arxada NZ Limited or [www.arxada.co.nz](http://www.arxada.co.nz)

**PLEASE READ THE ENTIRE LABEL BEFORE MIXING OR USE.**

**SHAKE WELL BEFORE USE.**

**DIRECTIONS FOR USE:**

**It is an offence to use this product on animals.**

The naturally occurring GBO3 strain of *Bacillus subtilis* is a gram positive bacterium that quickly colonizes the plants root hairs. The nutrient rich formulation, which contains an elemental nutrient analysis % of; N-P-K 2.0-1.3-1.6 plus Ca 1.0 & Mg 0.5, assists with this colonization. All to support healthy plant growth. This product can be used as a drench at the time of seeding, as a plug drench at transplanting, and during the growing season as a broadcast foliar application.

Use on all types of bedding plants, perennials, cut flowers, all types of plugs, woody ornamentals, nursery crops, fruit trees, vines, foliage plants, vegetables and container plants.

APPLICATION	RATE	COMMENTS
Soil drench	100 - 200 ml/ 100 litres	Begin applications from seeding, sticking of cuttings or after transplanting. Thoroughly soak the growing media through the root zone. Repeat at 14 - 28 day intervals
Field application	2 - 4 litres/ ha	Early season applications should be band applied ensuring good coverage of the soil. As the crop develops later sprays can be broadcast applications. Apply in 400l/ha water and repeat at 7-14 day intervals
Hydroponics Closed re-circulating systems (NFT)	Charging rate 250 ml/ 1000 litres Recharge rate 150 ml/ 1000 litres	The water is usually changed weekly. Clean mix tank at each change. Pre-soak transplants in same solution mix.
Hydroponics Open system	1250 ml/1000 litres	Repeat every 14 - 28 days or by checking the quality of the roots

**WITHHOLDING PERIOD:** Companion Gold can be applied up to, and including day of harvest.

**APPLICATION PROCEDURE:** Thorough coverage is essential for optimum activity. To achieve good coverage, use the correct spray pressure, water volume nozzle-size and spacing with the correct ground speed are critical. Sprayers should be calibrated before use. To do this, consult spray nozzle catalogues and other industry references for specific information on sprayer calibration or contact a registered sprayer calibration consultant. Companion Gold is intended for use as a dilute spray in water for application through conventional ground spray equipment.

**MIXING DIRECTIONS:** Partially fill the spray tank with clean water and start agitation. Add the specified amount for the area to be treated of Companion Gold to the spray tank. Complete filling the tank to the required volume for the area to be treated. Maintain agitation until spraying is complete. Do not allow the spray mixture to stand overnight or for any prolonged periods.

**COMPATIBILITY:** Companion Gold is compatible with most fungicides, herbicides, insecticides, surfactants and fertilisers. Do not mix with copper based fungicides or bactericides. Observe the most restrictive labelling limitations of the mixture product. Spray pH must be not less than pH 4 and not greater pH 9.

**NOTICE TO BUYER:** The manufacturer and vendors of Companion Gold 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.

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**DISTRIBUTED BY:** Arxada NZ Limited, Hudson Rd, New Plymouth, New Zealand.

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**EMERGENCY PHONE: 0800 CHEMCALL 0800 243 622**

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