



# PLANT ARMOUR

SUSTAINABLE SOIL SUPPLEMENT

## TECHNICAL SHEET

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# LEARN MORE ABOUT US

GGO International Management formulates and manufactures sustainable solutions for agriculture. Our products are an integral component for all types of agriculture conventional, organic and hybrid operations. GGO International Management's soil amendments, specialty fertilizers, non-toxic pest control are used worldwide. Our sustainable products bridge the gap separating high efficiency conventional farming from nutrient-dense organic crops; Our products and protocols provide farmers with ways to reduce input costs while increasing yields; helping - rebuild soils depleted or destroyed by years of unsustainable farming practices



## Application Guidelines

For optimum uptake of nutrients into the plant, the following guidelines should be followed

## Application

### DIRECTIONS FOR USE

1. Agitate concentrated product in container well before dispensing. For smaller containers – 1 gal and 5 gal – shake container well. Larger containers – 30 gal, 55 gal, and 275 gal – use an approved powered agitator.
2. Add measured amount of product last to tank filled with proper amount of dilution water.
3. This product is natural and contains suspended solids. Before application, pour product through a screen finer than or equal to the diameter of the spray nozzle on the equipment.
4. Always wear rubber gloves and eye protection when handling or dispensing product.
5. Consult individual GGOIM product MSDS for any further specific safety data.

### TANK MIXING COMPATIBILITY

GGOIM products are compatible with most, but not all, pesticides. GGOIM cannot accept any liability for any loss or damage as not all pesticides have been tested and because the efficacy of any mix will depend on, among other factors, the pesticide concerned, crop conditions, growth stage, weather and volume of water used.

## Guaranteed Analysis

Poly-d-glucosamine	2%
Organic Vinegar	1%

## Derived From

Processed crustacean carapaces, certified organic vinegar.



## Application Equipment Information

- Commercial industrial sprayer – The newer the model of sprayers have many screens and are designed for pure liquid products and not products with organic matter. You may have to remove all spray nozzle filters. Use larger tip sizes on the nozzles. Use larger size strainers on the main filter. Alternatively, before application, pour product through a screen finer than or equal to the diameter of the spray nozzle on the equipment.
- Fertigation systems – add a direct injection pump which will siphon GGOIM products into the irrigation line.
- Backpack sprayer – Dedicate backpack to GGOIM product and keep clean especially for Revive and Pasture Plus due to high organic matter before application, pour product through a screen finer than or equal to the diameter of the spray nozzle on the equipment.
- Drip irrigation / sprinkler systems – GGOIM recommends Dosatron injectors for large commercial greenhouse, golf course irrigation to home systems.
- See below or contact your GGOIM representative with any questions about agitation

### NOTE

Due to the ionic properties of Plant Armour, do not apply Plant Armour with any other products. Consult your GGOIM representative for more information.

## Agitation

- For a tote (IBC) use a 2" hose and water pump which is able to handle small particle sizes. Attach to the valve of the IBC (1000L / 275 gal) tote and circulate into the top opening for 5min or longer in cold weather conditions.
- For a 55 gallon drum, use a folding drum agitator attachment for a hand held drill.

## Rates and Usage

- As a seed and bulb treatment – use a 1% solution of Plant Armour to wet seeds or bulbs thoroughly.
- As a soil drench – use a 2% solution to wet entire field 1 week pre-planting.
- For row crops at planting – 2-4 litres per acre in row at planting, diluted at least 50:1.
- As a foliar spray on crops – 1-4 litres per acre, every 4-8 weeks, diluted at least 50:1.



## THE GGO WAY

GGO International are specialists in providing high quality business advice to all types of agricultural business. We have access to the most up to date information and industry ideas, and we continue to develop bleeding edge technology solutions for agriculture.

All advice given to clients is tailored to their specific needs.

Contact us today.



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