

**KEEP OUT OF THE REACH OF CHILDREN**

# **NOCULATE™ LIQUID**

## **Liquid Microbial Inoculant**

**FOR USE ON PROFESSIONALLY MAINTAINED TURF AREAS**

### **Features**

- Enhances plant growth and decomposes organic matter
- Increases resistance to environmental extremes
- Vitamins derived from yeast provide catalyst for enzymes
- Increases root growth and development

### **Application Rates**

**FAIRWAYS, PLAYING FIELDS ETC:** 5 - 10 litres per hectare

**GOLF GREENS, BOWLING GREENS  
AND HIGH MAINTENANCE TURF:** 150 - 200 mL per 100 m<sup>2</sup>

(Refer to rear label for detailed instructions)

### **Components and Benefits**

- **Bacillus (24 strains)**  
Increases resistance to environmental extremes. Solubilizes minerals (including phosphorus) for plant availability.
- **Trichoderma (Fungi) (4 strains)**  
Decomposes organic matter and improves soil structure.
- **Vitamins Derived from Yeast**  
Enhances plant growth metabolism and microbial growth.
- **Humic Acid**  
Increases CEC and promotes microbial proliferation. Contains plant essential metabolites.
- **Kelp**  
Increases mineral uptake. Facilitates translocation of water and solutes within leaf tissue.



**NET CONTENTS  
10 Litres**

## Application

**FAIRWAYS, PLAYING FIELDS etc:** Apply product at a rate of 5 -10 litres per hectare in a convenient amount of water (not less than 400 litres per hectare). Applications should be made 3 times per season for continual improvement in soil and plant health. The higher rate should be used in situations where extra stress is placed on the turf through poor quality water, compaction or high wear.

Noculate Liquid can be applied with most liquid fertilizers at the above rates. In situations where mixing with pesticides or other chemicals is desirable, the application rate should be doubled to allow for the potential reduction in microorganism counts caused by the chemicals.

**GOLF GREENS, BOWLING GREENS AND HIGH MAINTENANCE TURF:** Product is suitable for use with liquid, soluble or granular fertilizer programs. When utilizing the product in a liquid or soluble fertilizer program include 150 mL of Noculate Liquid per 100 m<sup>2</sup> with each fertilizer application. Always add the fertilizer to the spray tank and mix with required water volume first. Add any other tank mix partners and add Noculate Liquid last.

When utilizing the product in conjunction with a granular fertilizer program, apply independently to the fertilizer at a rate of 200 mL per 100 m<sup>2</sup> every 6 – 8 weeks.

**NOCULATE LIQUID** is a proprietary microbial system containing 24 strains of beneficial soil microorganisms, humic acid, kelp, essential amino acids, vitamins, biotin, folic acid and natural sugars designed to enhance the establishment of beneficial microbial populations.

### CONTAINS NON PLANT FOOD INGREDIENTS:

Bacillus subtilis	10,000,000 CFU per ml
Bacillus lichenformis	10,000,000 CFU per ml
Bacillus azotoformans	10,000,000 CFU per ml
Bacillus megaterium	10,000,000 CFU per ml
Bacillus coagulans	10,000,000 CFU per ml
Bacillus pumilus	10,000,000 CFU per ml
Trichoderma Viride	10,000 CFU per ml

### FIRST AID PROCEDURES

**SKIN:** Wash hands after use. If irritation persists, consult with physician.

**EYES:** Flush eyes with cool water and consult doctor if irritation persists.

**INGESTION:** Give demulcent (milk). Consult doctor.

**INHALATION:** Consult physician if problem occurs.

### STORAGE AND HANDLING

Store in original container with lid tightly sealed. Product should be stored in a cool, dry area out of direct sunlight. Store product between 5° - 45°C. When stored properly, product has a shelf life of 18-24 months.

**NOTICE:** This product is designed only for the particular purposes indicated on the label. Failure to use the product strictly as directed may be illegal, prove dangerous and render the product ineffective. The buyer or user is responsible for any misuse or negligence in the handling, storage, use of or disposal of this material. Barmac Industries Pty Ltd will not accept any responsibility whatsoever and howsoever arising and whether for consequential loss or otherwise in connection with the supply and use of this product other than those responsibilities mandatorily imposed by Statutes applicable to the sale and supply of these goods.



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