

# Noculate® 13-4-13

## Noculate Greens Grade Fertilizer

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NOCULATE 13-4-13 is a greens grade blend with 70% slow release nitrogen, designed to maintain healthy, vigorous turf. NOCULATE 13-4-13 features the minors Fe, Mg, and Mn in the Sucrate form. These Sucrates provide both immediate and delayed availability of the micronutrients. NOCULATE 13-4-13 supplies humic acid, surfactant and microbes.

### Directions for Use

**Greens, tees & fairways** - broadcast at the following rates:

To deliver 1 lb of Nitrogen per 1000 sq ft., apply 7.7 lbs of product per 1000 sq ft.

To deliver 1 lb of Potash per 1000 sq ft., apply 7.7 lbs of product per 1000 sq ft.

### CAUTION: KEEP OUT OF REACH OF CHILDREN

CAUTION: Harmful if swallowed. Avoid contact with skin, eyes and clothing. Causes eye irritation. Avoid breathing dust particles. Wash hands thoroughly after using. In case of eye contact, flush eyes with water for at least 10 minutes and get medical attention.

### Storage

Product should be stored in a cool, dry area out of direct sunlight. Store product between 40 - 120°F. When stored properly, product has a shelf life of 24 months.



*Distributed By:*  
Punta Company Ltd.  
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Sampram, Nakhonpathom  
Thailand 73110

*Guaranteed By:*  
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### Guaranteed Analysis

# 13-4-13

Total Nitrogen (N) .....	13.00%
3.40% Ammoniacal Nitrogen	
2.50% Other Water Soluble Nitrogen	
7.10% Water Insoluble Nitrogen	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ) .....	4.00%
Soluble Potash (K <sub>2</sub> O) .....	13.00%
Magnesium (Mg) .....	1.50%
Combined Sulfur (S) .....	10.00%
Iron (Fe) .....	5.0%
Manganese (Mn) .....	1.0%
0.10% Water Soluble Manganese (Mn)	

Derived from: Ammonium Sulfate, Urea, Methylene Urea, Monoammonium Phosphate, Potassium Sulfate, Magnesium Sucrate, Iron Sucrate and Manganese Sucrates

### CONTAINS NON PLANT FOOD INGREDIENTS:

*Bacillus subtilis* 500,000 CFU per gram, *Bacillus licheniformis* 500,000 CFU per gram, *Bacillus pumilus* 500,000 CFU per gram, *Bacillus megaterium* 500,000 CFU per gram, *Bacillus coagulans* 500,000 CFU per gram, *Paenibacillus polymyxa* 500,000 CFU per gram, *Paenibacillus durum* 500,000 CFU per gram

Humic Acid derived from U.S.A. Leonardite ..... 2.0%  
Wetting Agent ..... 1.0%  
(Blend of Co-Polymers of Polyethylene & Polyether Modified Trisiloxanes)

Purpose: Microbes decompose organic materials in the soil ; Humic Acid to increase uptake of micronutrients; Wetting agents reduce surface tension improving permeation characteristics of water through the soil.

**WARRANTY:** Seller warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use; but neither this warranty nor any other warranty of merchantability or fitness of a particular product expressed or implied, extends to the use of this product contrary to label conditions, or under conditions not reasonably foreseeable to the seller; and buyer assumes the risk of any such use.

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## Net Weight: 50 lbs.

Expiration Date: