

# NUTRICOTE® TOTAL 13-13-13 CONTROLLED RELEASE FERTILIZER WITH MICRONUTRIENTS TYPE:

**GUARANTEED MINIMUM ANALYSIS**

Total Nitrogen (N)*.....	13 %
6.5 % Nitrate Nitrogen	
6.5 % Ammoniacal Nitrogen	
Available Phosphoric Acid (P <sub>2</sub> O <sub>5</sub> )*.....	13 %
Soluble Potash (K <sub>2</sub> O)*.....	13 %
Magnesium (Mg)*.....	1.2 %
Boron (B)* (actual).....	0.02 %
Copper (Cu)* (actual).....	0.05 %
Iron (Fe)* (chelated) (actual).....	0.2 %
Manganese (Mn)* (actual).....	0.06 %
Molybdenum (Mo)* (actual).....	0.02 %
EDTA (ethylene diamine tetraacetate) (chelating agent).....	1.3 %

\* The nitrogen, phosphate, potash, magnesium, boron, copper, iron, manganese and molybdenum materials in this product have been coated to provide 13% coated slow release nitrogen (N), 13% coated slow release available phosphoric acid (P<sub>2</sub>O<sub>5</sub>), 13% coated slow release soluble potash (K<sub>2</sub>O), 1.2% coated slow release magnesium (Mg), 0.02% coated slow release boron (B), 0.05% coated slow release copper (Cu), 0.2% coated slow release iron (Fe), 0.06% coated slow release manganese (Mn) and 0.02% coated slow release molybdenum (Mo).

Caution: This fertilizer contains boron, copper, manganese and molybdenum and should be used only as recommended. It may prove harmful if misused.

**DESCRIPTION:**

Nutricote is a high quality compound fertilizer which gives precise and controlled release of the nutrients. The pliable and resilient coating, which is made of polyolefin type resin, talc and nonionic surfactants, allows the penetration of water and subsequent release of the fertilizer into the soil. The duration of release is controlled by the amount and proportion of each coating material. In general, the release rate is directly proportional to the amount of surfactant and talc used and inversely proportional to the amount of resin used. The release is based on the duration of Nitrogen release and is specified by "TYPE".

**PRODUCT TYPE:**

Each type of product carries a number representing duration of release in days. Product Types 70, 100, 140, and 180 represent respectively 80% of nitrogen contained in the product will be released uniformly over a period of approximately 70, 100, 140, and 180 days at a constant temperature of 25°C.

**TEMPERATURE AFFECTS THE RATE OF RELEASE:**

The rate of release of Nutricote is modified by temperature, a higher release rate under higher temperatures coinciding with the plant's rate of growth. Nutrient release of Nutricote is not significantly affected by soil moisture, soil type, soil pH or microbial activity in the soil.

**DIRECTIONS FOR USE:**

Nutricote should be applied according to soil or growing media conditions and the specific nutrient requirements of the crop being grown. If the growing media is sandy, loose with good drainage (Low Cation Exchange Capacity), a higher rate of the product should be used. For heavier, clay-type soils (High Cation Exchange Capacity), a lower rate of Nutricote should be used.

In mixes	Rates in kg per cubic metre		
	Light feeding crops:	Medium feeding crops:	Heavy feeding crops:
Type 70	2.0	3.5	6.0
Type 100	2.5	5.0	8.0
Type 140	3.5	6.0	8.5
Type 180	4.0	7.0	9.0

Light feeding crops: Rhododendron, Azalea, Ferns, Orchids, Bedding Plants, Forestry Seedlings, Greenhouse Vegetables, African Violets

Medium feeding crops: Nursery Crops, cut Floral Crops

Heavy feeding crops: Most pot crops

**ADDITIONAL NUTRIENTS REQUIREMENTS:**

Nutricote Total contains essential elements for plant growth in each fertilizer granule. The requirement for additional nutrients should be determined by soil and plant tissue analysis. For crops which require a quick initial source of fertilizer for rapid take-off, it is recommended to add a portion of Nutricote Type 40 or pre-mix of superphosphate, calcium nitrate and potassium nitrate.

**SOIL PASTEURIZATION:**

Nutricote must be applied **after** the media is pasteurized by steam.

**STORAGE OF GROWING MIXES:**

Growing mixes which have Nutricote incorporated can be stored up to one month if temperatures are maintained below 10°C. Otherwise, mixes with Nutricote incorporated should be used immediately after mixing.

**NOTICE:**

Warranty of this product, either expressed or implied is limited to a guarantee of the composition as shown on the label in as much as uses are beyond the seller's control. For the same reason, seller is not liable for any injury to living things, crops, soils or materials which may result from the use of this product.

**CAUTION:**

Harmful if swallowed. Keep out of reach of children. Store under cool dry conditions.

**ADDITIONAL INFORMATION AVAILABLE ON REQUEST.**

Distributed in Canada by: PLANT PRODUCTS CO. LTD. 314 Orenda Road, Brampton, Ontario, Canada L6T 1G1

Manufactured by: CHISSO - ASAH FERTILIZER CO. LTD. Tokyo, Japan

## 20 Kg