

N U T R I C O T E ® 20-7-10

CONTROLLED RELEASE FERTILIZER

TYPE:

GUARANTEED MINIMUM ANALYSIS

Total Nitrogen (N)*.....	20 %
10.7 % Nitrate Nitrogen	
9.3 % Ammoniacal Nitrogen	
Available Phosphoric Acid (P ₂ O ₅)*	7 %
Soluble Potash (K ₂ O)*	10 %

* The nitrogen, phosphate and potash materials in this product have been coated to provide 20% coated slow release nitrogen (N), 7% coated slow release available phosphoric acid (P₂O₅) and 10% coated slow release soluble potash (K₂O).

DESCRIPTIONS:

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, 180 and 270 represent respectively 80% of nitrogen contained in the product will be released uniformly over a period of approximately 70, 100, 140, 180 and 270 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	1.0	2.0	3.5
Type 100	1.5	3.0	5.0
Type 140	2.0	4.0	5.5
Type 180	2.5	4.5	6.0
Type 270	3.0	5.0	6.5

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 provides nitrogen, phosphorus and potassium to the plant consistently over the release period specified. For plants which require a last initial growth, additional fertilizers such as superphosphate, calcium nitrate and potassium nitrate may be incorporated in the mix prior to the incorporation of Nutricote. A source of calcium, magnesium and micronutrients must be added to the growing media deficient in these essential elements.

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

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RISK PHRASES

May burn fiercely when ignited in the presence of combustibles (wood, paper, oil, clothing etc.). Fire may produce irritating, poisonous and/or corrosive gases.

PRECAUTIONARY MEASURES

NORMAL USE

Do not store near combustibles.

IN CASE OF FIRE

Isolate hazard area. Keep upwind. Wear SCBA and full protective clothing. Consider downwind evacuation. Use flooding quantities of water. Do not use water jet. Fight fire from maximum distance or use unmanned hose holders. Remove combustibles from fire area if without risk.

IN CASE OF SPILL

Eliminate ignition sources. Avoid contact with combustibles. Segregate organics. Sweep up spilled material and use, if possible.

FIRST AID MEASURES

If exposed to vapours from fire, remove to fresh air, apply artificial respiration if victim is not breathing, administer oxygen if breathing is difficult. Effects of inhalation may not be immediate so obtain medical attention if victim exposed to vapours from fire. Ensure that physician is aware of identity of product.

PLANT PRODUCTS CO. LTD. 314 ORENDA ROAD, BRAMPTON, ONTARIO, CANADA L6T 1G1
SEE MATERIAL SAFETY DATA SHEET