

# Plantacote® NPK 18-6-12

**100% Coated NPK fertilizer, with a release time of approximately 8 months**

## Description

Plantacote® NPK 8M is a 100% coated controlled release fertilizer containing the macronutrients nitrogen, phosphorus and potassium. Plantacote NPK releases these major nutrients over a period of approximately 8 months. Release time is controlled by a unique polymer coating process and the soil temperature. pH, substrate, salt content, microbial activity and the amount of irrigation water do not affect nutrient release. The stated

release time of nutrients of approximately 8 months applies to an average substrate temperature of 70 °F. Higher temperatures accelerate the nutrient release (e.g. 80 °F approximately 7 months) lower temperatures delay it (i. e. 60 °F up to 9 months). The nutrients in Plantacote NPK 8M start releasing approximately 7-10 days following application ensuring crop safety with minimal risk of salt stress, even after storage of premixed growing media for up to 3-4 weeks.

## Key benefits

- Safe nutrient supply throughout the growing season
- Fertilized substrates can be safely stored for approximately 3-4 weeks
- The integrity of the elastic coating permits safe mechanical mixing with substrates
- Substrates fertilized with Plantacote NPK 8M can be exposed to frost and high temperature with minimal risk of injury

## Analysis

Total nitrogen (N)* .....	18.00%
8.00% Ammoniacal Nitrogen	
10.00% Nitrate Nitrogen	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> )* .....	6.00%
Soluble Potash (K <sub>2</sub> O)* .....	12.00%

**Derived from:** Ammonium Nitrate, Ammonium Phosphate, Dicalcium Phosphate, and Potassium Sulfate.

\* The Nitrogen, Phosphorus, and Potassium have been polymer coated to produce 18% slow release nitrogen, 6% slow release phosphate and 12% slow release potash.

## The reliable choice for growing high quality plants

- Complete and uniform NPK supply throughout the growing season
- Uniquely tough and resilient coating
- Unsurpassed crop safety
- Environmentally friendly

## Physical Properties

Appearance: ..... beige-colored granules  
Bulk density (kg/l): .... approx. 1.0  
Particle Size: ..... 2-4 mm



Manufactured  
in the USA  
by X-calibur Plant  
Health Company, LLC