

Plantacote® Top K

4 M
6 M
8 M

Potassium pronounced coated NPK fertilizer with magnesium and micronutrients

Contents

NPK fertilizer containing magnesium, 10-10-15-(3) and micronutrients

10	% N	Total nitrogen
		3.2 % N nitric
		6.8 % N ammoniacal
4.4	% P	Phosphorus
12.5	% K	Potassium
1.8	% Mg	Magnesium
0.017	% B	Boron
0.017	% Cu	Copper
0.060	% Fe	Iron
0.050	% Mn	Manganese
0.070	% Zn	Zinc

Low in chlorine

Physical and chemical properties

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

Description

Plantacote Top K is a coated controlled release fertilizer which, in addition to nitrogen, phosphorus and potassium, contains magnesium and trace elements in every granule. This ensures an even supply with major nutrients and trace elements throughout the growing season

Plantacote Top K is especially designed for crops with a high potassium demand. Due to the N:K ratio of 1:1.5 of **Plantacote Top K** excessive plant growth is avoided and thus the plant stability is promoted and the flowering performance improved.

The nutrients of **Plantacote Top K** are released by a natural membrane process which is controlled by soil temperature. Declared release times refer to an average soil temperature of 21 °C. Higher temperatures accelerate the nutrient release, lower temperatures slow it down. The release time is unaffected by substrate type, pH, micro-organisms, or level of irrigation.

Average soil temperature	Release time in months		
	4 M	6 M	8 M
15 / 16°C (59 / 61°F)	4 - 5	6 - 7	9 - 10
20 / 21°C (68 / 70°F)	3 - 4	5 - 6	8 - 9
26 / 27°C (79 / 81°F)	2 - 3	4 - 5	6 - 7

Plantacote Top K starts to release after 2 - 3 weeks. Due to this specific mechanism the product is very safe to crops; there is no risk of salt stress, even after storage of premixed growing media for up to 2 - 3 weeks.

Key benefits of Plantacote Top K

- improves flowering performance and plant stability
- each granule contains all essential nutrients
- complete nutrient supply throughout the growing season
- no trace element supplements are necessary
- very well suited to dibbling
- labour saving
- ultra-safe coating:
 - withstands extreme stress
 - delayed release mechanism

Packaging: 25 kg

Producer:



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Distributor:



Coated controlled release fertilizer



Recommendations for use

For stock fertilization of substrates, **Plantacote Top K** should be evenly mixed with the substrate before planting. Additions to the substrate (e.g. lime) do not affect the product efficiency. The recommended rates of use refer to substrates containing no nutrients.

If already fertilized substrates are to be used, the indicated rates of **Plantacote Top K** should be reduced accordingly.

For surface application **Plantacote Top K** should be evenly spread on bed or container surface.

	Rate of use (kg/m ³)		
	4 M	6 M	8 M
Container nursery stock			
• sensitive species	1.5 - 2.0	2.0 - 4.0	2.5 - 4.5
• medium species	2.0 - 2.5	3.5 - 5.0	4.0 - 5.5
• vigorous species	2.5 - 3.0	5.0 - 6.0	5.5 - 6.5
Summer bedding			
• sensitive species	2.0 - 2.5	2.0 - 3.0	2.5 - 3.5
• medium species	2.5 - 3.5	3.0 - 4.0	3.5 - 4.5
• vigorous species	3.5 - 4.5	4.0 - 5.0	4.5 - 5.5
Pot plants			
• sensitive species	2.0 - 3.0	2.5 - 4.5	3.0 - 5.0
• medium species	3.0 - 4.0	4.5 - 5.5	5.0 - 6.0
• vigorous species	4.0 - 5.0	5.5 - 6.5	6.0 - 7.0
Alpines, Perennials			
• sensitive species	0.5 - 1.0	1.0 - 1.5	1.5 - 2.0
• medium species	1.0 - 2.0	1.5 - 2.5	2.0 - 3.0
• vigorous species	1.5 - 2.5	2.0 - 3.0	2.5 - 3.5
Flower beds	50 - 80 g/m ²	70 - 90 g/m ²	80 - 100 g/m ²

Precautions:

Store in a cool and dry place. The recommendations given here are of a general nature only. Carefully consult the special instructions for use before applying the product.