



Methylene-urea based slow-release NPK fertiliser with magnesium and trace elements with a release time of approximately 8 - 10 weeks

Description

PlantoSan® is a granular slow-release fertiliser containing all macro and micro-nutrients. It supplies the correct nutrient requirement for plant development over a period of 8 - 10 weeks. As the nutrients are present both in a slowly available and immediately available form, a good starter effect is assured.

Approximately 70% of the nitrogen exists in the form of methylene-urea. This slow-release nitrogen component is converted by microorganisms into nitrogen forms which are available to the plants. As this process, just like plant growth is temperature dependant, the nitrogen is supplied in accordance with the plant requirements.

Key benefits

- complete macro and micronutrient supply
- nutrient release in accordance with plant requirements
- starter plus slow-release effect
- fertilised substrates can be stored cool and dry up to approx. 2 - 3 weeks
- no salt damage due to high substrate temperatures
- mechanical mixing is possible

Contents

NPK fertiliser: 20 - 4.4 - 12.5 - (3.6) containing methylene-urea and micro-nutrients

20	% N	Total nitrogen
		1.7 % N nitrate nitrogen
		2.1 % N ammoniacal nitrogen
		2.8 % N carbamide nitrogen
		13.4 % N methylene-urea
4.4	% P	Phosphorus
12.5	% K	Potassium
3.6	% Mg	Magnesium
0.0570	% B	Boron
0.0900	% Cu	Copper
0.0500	% Fe	Iron
0.1120	% Mn	Manganese
0.0083	% Mo	Molybdenum
0.0250	% Zn	Zinc

Low in chlorine

Physicochemical properties

Appearance:	gray granules
Bulk density (kg/l):	approx. 0.85
Particle size:	1 - 3 mm

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.

Well-recognised slow-release fertiliser for horticulture

Nutrient release relative to the biological activity of the plant

Very high crop safety

Environmentally safe

Packaging
25 kg

Distributor:



Horticulture - 0800 855 255
TasmanCrop - 0800 855 255
HortFertplus - 0800 273 748

Producer:



AGLUKON Spezialdünger GmbH & Co. KG
Heerdtter Landstraße 199 · D-40549 Düsseldorf

Recommendations for use

For stock fertilisation, PlantoSan® should be evenly mixed with the substrate before planting.

For top dressing, PlantoSan® should be evenly spread on bed and container surfaces.

The indicated rates of use apply to substrates containing no nutrients. If other fertilisers are to be added, the recommended rates of PlantoSan® should be reduced accordingly.

Vegetables - Seedling production		Top dressing of cut flowers	
Culture	Rates of use in kg/m³ or g/l of substrate	Cut flowers in the final place in original soil, e.g. Chrysanthemum, Cyclamen, Gerbera, Carnations, Roses : 40-60 g/m ²	
Celery	1.5		
Leek	1.5		
Cucumbers	1.5 - 2.0		
Head lettuce	1.5 - 2.0		
Peppers	1.5 - 2.0		
Savoy cabbage	1.5 - 2.0		
Cauliflower	2.0		
Brussels sprouts	2.0		
Cabbage red / white	2.0		
Tomatoes	2.0		
Seedling production of potted plants		Top dressing in tree nurseries	
Culture	Rates of use in kg/m³ or g/l of substrate	Fields of application	Rates of use g/l
<u>Plants with low nutrient requirement, e.g.:</u>		Container-grown plants	
Adiantum	0.75	- Top dressing in the 2nd year of cultivation	1 - 3
Anthurium scherzerianum hybr.	0.75	- Top dressing of plants in partly fertilised substrates	1 - 2
Primula accaulis	0.75		
Primula obconica	0.75	Fields of application	Rates of use g/m²
<u>Plants with average nutrient requirement, e.g.:</u>		Surface fertilisation	
Anthurium andreaeanum hybr.	1.0	- Shrubs (2 applications)	20 - 40
Begonia Elatior hybr.	1.0	- Broad-leaved trees and conifers (1-2 applications)	50
Cyclamen	1.0		
Euphorbia pulcherrima	1.0		
Sinningia (Gloxinia)	1.0		
<u>Plants with high nutrient requirement, e.g.:</u>		Top dressing in amenity areas	
Asparagus densiflorus	1.5	Fields of application	Rates of use* g/m²
Chrysanthemum	1.5	Ornamental shrubs in parks and public gardens	30 - 50
Codiaeum	1.5	Roses	30 - 50
Pelargonium	1.5	Roadside and dump plantation:	
		- 1-year-old seedlings	30
		- medium-sized bushes	50
		- bushes and stem bushes	50
		- half standards and standard trees	50
		*1 - 2 applications / year	
Production of bedding and balcony plants			
Culture	Rates of use in kg/m³ or g/l of substrate		
Pricking-out soils	1.0 - 2.0		
Seeding soils	0.5 - 1.0		

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