



Methyleneurea based slowrelease 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:



Producer:



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 | Fields of application | Rates of use g/m² |
| Primula obconica | 0.75 | Surface fertilisation | |
| <u>Plants with average nutrient requirement, e.g.:</u> | | - Shrubs (2 applications) | 20 - 40 |
| Anthurium andreanum hybr. | 1.0 | - Broad-leaved trees and conifers (1-2 applications) | 50 |
| Begonia Elatior hybr. | 1.0 | | |
| 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: | |
| Production of bedding and balcony plants | | - 1-year-old seedlings | 30 |
| Culture | Rates of use in kg/m³ or g/l of substrate | - medium-sized bushes | 50 |
| Pricking-out soils | 1.0 - 2.0 | - bushes and stem bushes | 50 |
| Seeding soils | 0.5 - 1.0 | - half standards and standard trees | 50 |
| | | *1 - 2 applications / year | |