AGLUKON

Plantacote® pluss 8M

Coated NPK fertilizer with magnesium and micronutrients with a release time of approx. 8 months

Coated controlled release fertilizer

Contents

NPK fertilizer containing magnesium, 14-8-15-(2) and micronutrients

14	% N	Total nitrogen 6.3% N nitric 7.7% N ammoniacal
3.5	% P	Phosphorus
12.5	% K	Potassium
1.2	% Mg	Magnesium
0.02	% B	Boron
0.02	% Cu	Copper
0.4	% Fe	Iron, 0.2% chelated by EDTA
0.1	% Mn	Manganese
0.02	% Mo	Molybdenum
0.02	% 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 Pluss 8M 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 over a period of approx. 8 months.

The high iron content of **Plantacote Pluss 8M** is crucial to good performance. Iron is essential for the formation of chlorophyll and is therefore vital for good foliage colour and healthy growth. To ensure high availability, 50% of the iron in **Plantacote Pluss 8M** is chelated as Fe-EDTA.

The nutrients of **Plantacote Pluss 8M** 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.

Plantacote Pluss 8M 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.

Release of nutrients from **Plantacote Pluss 8M** is attuned to the physiological requirements of the crop. Thus, release of nitrogen is most pronounced during crop establishment and release of potassium is more pronounced during the later stages.

Key benefits

- each granule contains all essential nutrients
- complete nutrient supply throughout the growing season
- no trace element supplements are necessary
- iron: high content, high availability
- very well suited to dibbling
- labour saving
- nutrient supply adjusted to plants' requirements:
  - extra nitrogen in early growth
  - extra potassium in later growth
- ultra-safe coating:
  - withstands extreme stress
  - delayed release mechanism

Packaging: 25 kg

Producer:

AGLUKON
Spezialdünger GmbH & Co. KG
Heerdter Landstraße 199 - D-40549 Düsseldorf (Germany)
Telephone: +49 (0)2 11 / 50 64-237 • Telefax: +49 (0) 2 11 / 50 64-249
Internet: http://www.aglukon.com - E-mail : info@aglukon.com

Distributor:

Horticentre
T 0800 855 255 W www.horticentre.co.nz

Recommendations for use

For stock fertilization of substrates, **Plantacote Pluss 8M** 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 Pluss 8M** should be reduced accordingly.

Cultivation of potted plants

Culture	Rates of use in kg/m³ or g/l of substrate
Plants with low nutrient requirement,e.g.:	
Adiantum	3.0-3.5
Aechmea	4.0-5.0
Anthurium andreanum hybr.	4.0-5.0
Anthurium scherzerianum hybr.	3.0-4.0
Asparagus setaceus	3.5-4.5
Dracaena	4.0-5.0
Fatshedera	4.0-5.0
Fatsia	4.0-5.0
Guzmania	3.5-4.0
Maranta	4.0-5.0
Palms in general	4.0-5.0
Rhipsalidopsis	2.5-3.5
Schefflera	4.0-5.0
Scindapsus (Epipremnum)	4.0-5.0
Stephanotis	3.5-4.5
Vriesea	3.5-4.5
Plants with average nutrient requirement,e.g.:	
Abutilon	5.0-5.5
Acalypha	5.0-6.0
Asparagus densiflorus	5.5-6.5
Cissus	5.0-6.0
Cyperus grass	5.0-6.0
Gerbera	5.0-6.5
Plants with high nutrient requirement,e.g.:	
Cyclamen	5.5-7.0
Euphorbia pulcherrima	5.0-7.0
Ficus benjamina	6.0-7.0
Ficus elastica	6.0-7.0
Hibiscus	6.0-7.0
Monstera	6.0-7.0
Philodendron	5.0-7.0

Cultivation of cut flowers

Cut flowers in the final place, e.g. Chrysanthemum, Cyclamen, Gerbera, Carnations, Roses : 70-100 g/m²

Tree nursery (container-grown plants)

Culture	Rates of use in kg/m³ or g/l of substrate
Plants with low nutrient requirement,e.g.:	
Picea abies	2.5-3.5
Pinus montana	2.5-3.5
Pinus mugo	2.5-3.5
Cotoneaster dammeri	2.5-3.5
Hypericum calycinum	2.5-3.5
Prunus laurocerasus	2.5-3.5
Rhododendron (Note varieties)	2.5-3.5
Kolkwitzia amabilis	3.0-4.0
Cotoneaster adpressus	3.0-4.5
Cornus kousa	3.5-4.5
Deutzia gracilis	3.5-4.5
Genista tinctoria	3.5-4.5
Hypericum patulum	3.5-4.5
Ligustrum vulgare	3.5-4.5
Pachysandra terminalis	3.5-4.5
Pinus nigra	3.5-4.5
Potentilla fruticosa	3.5-4.5
Prunus cerasifera	3.5-4.5
Ribes sanguineum	3.5-4.5
Taxus baccata	3.5-4.5
Viburnum plicatum	3.5-4.5
Plants with average nutrient requirement,e.g.:	
Cornus florida	4.0-5.0
Lonicera nitida	4.0-5.0
Philadelphus x virginalis	4.0-5.0
Spiraea japonica	4.0-5.0
Symphoricarpos chenaultii	4.0-5.0
Acer campestre	4.5-5.5
Amelanchier canadensis	4.5-5.5
Buddleia davidii	4.5-5.5
Chamaecyparis lawsoniana	4.5-5.5
Cytisus	4.5-5.5
Euonymus fortunei vegetus	4.5-5.5
Hydrangea paniculata	4.5-5.5
Ilex aquifolium	4.5-5.5
Juniperus communis	4.5-5.5
Juniperus squamata	4.5-5.5
Lonicera pileata	4.5-5.5
Spiraea bumalda	4.5-5.5
Thuja occidentalis	4.5-5.5
Weigela hybr.	4.5-5.5
Pyracantha coccinea	5.0-6.0
Plants with high nutrient requirement,e.g.:	
Cotoneaster multiflorus	5.5-6.5
Forsythia intermedia	5.5-6.5
Juniperus chinensis	5.5-6.5
Ligustrum ovalifolium	5.5-6.5
Viburnum rhytidophyllum	5.5-6.5

Fruit growing

a) Fruit trees and berry shrubs

Crop		Rates of use g/plant
Top fruit	1-year-old-trees	50
	2-year-old-trees	100
Stone fruit		100
Currants		30
Gooseberries		30
Raspberries		20-30

b) Strawberries / Propagation and field cropping

Fields of application	Rates of use
Transplanting	1-2 g/plant 5-7 kg/m³ of transplanting soil
Field cropping	10 g/plant

Amenity areas

a) Container plantation

Culture	Rates of use
Roses	25 g/plant
Flowers and woody plants in troughs and tubs	6 g / l of substrate

b) Bedded plantations

Culture	Plantation g/plant	Top dressing g/plant
Ornamental shrubs in parks and public gardens	50-100	60-100
Roses	25	60-80
Roadside and dump plantation:		
- 1-year-old seedlings	20	20
- medium-sized bushes and shrubs	20-50	30
- fully grown bushes	50-100	50
- half standards and standard trees	100-250	100

c) Park road and avenue trees

Work in 2 kg/m³ of excavated soil.

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.