

PlantoDur®



The fertilizer tablet with controlled release effect for new plantations of woody plants in forestry, agriculture and landscaping with a release time of 1 to 3 years

Contents

NPK fertilizer containing ureaformaldehyde, magnesium, 19-7-11-(4.8) and micro-nutrients

19	% N	Total nitrogen 1.0 % N urea 18.0 % N ureaformaldehyde
7	% P₂O₅	Phosphorus pentoxide soluble in neutral ammonium citrate and in water 1.7 % P ₂ O ₅ soluble in water
11	% K₂O	Potassium oxide soluble in water
4.8	% MgO	Magnesium oxide, total
4.5	% S	Sulphur soluble in water
0.015	% B	Boron
0.050	% Cu	Copper
0.600	% Fe	Iron
0.120	% Mn	Manganese
0.015	% Mo	Molybdenum
0.050	% Zn	Zinc

Physicochemical properties:

Product form: Tablet
Colour: grey



Packaging
Bucket of 600 tablets á 15 g

Description

Plantodur contains special nutrient compounds ensuring a balanced nutrition of perennial crop plants with all the required macro- and micronutrients for a period of 1 to 3 years.

The unique formulation technology involved in the production of Plantodur, combined with the selection of the nutrient types provides each tablet with a starter and controlled release component.

Starter effect:

The surface of Plantodur is enriched with readily available nutrients for immediate promotion of seedling development. This balanced and fully compatible supply of nutrients is essential during the critical first few weeks of the plants development.

Controlled release effect:

Plantodur's controlled release effect provides the nutrients in accordance with the plants growing requirement. The release time depends on various factors in which soil moisture, soil temperature and the soils' microbial activity play a decisive role.

The release time will be approx. 2 to 3 years under Central European soil and climate conditions, and approx. 1 to 1.5 years in warmer regions.

With a minimum of salt stress, the controlled release nitrogen (ureaformaldehyde) in Plantodur, combined with slowly available phosphate, potassium and magnesium, guarantees proper nutrition to the plant until the end of the release time.

Key benefits of Plantodur

- the nutrients are optimally placed in the root zone ensuring proper nutrient uptake even in soils with a dry surface
- minimized nutrient fixation in the soil
- high safety to plants due to compatibility and continuous slow nutrient release
- tablet form provides easy and precise dosage of nutrients, therefore prevention of mistakes in dosage
- no nutrient washing or leaching in hillside positions or during heavy rainfall due to the tablets application to the root zone and its slow solubility in water
- reduced rates of losses due to under-nourished young plants thereby reducing replanting costs
- reduced time and labour costs with the quick and easy single application process

Recommendations for use

The fertilizer tablet should be placed approx. 10 - 15 cm laterally to the stem in a depth of approx. 10 cm when planting.

Culture		Rates of use in Tablets
· Forestry	per 50 cm of plant height or per 1 cm of stem diameter	1
· Fruit growing	per 30 cm of plant height or per 1 cm of stem diameter	1
· Viticulture	per vine seedling	1
· Landscaping, ornamental woody plants, shrubs	slow-growing varieties : per 40 cm of plant height	1
	fast-growing varieties : per 40 cm of plant height	2
Tropical plantation crops (Oil palm, date palm, eucalyptus, citrus, coffee, banana and other fruit trees)	per 30 - 50 cm of plant height or per 1 - 1.5 cm of stem diameter	1

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.