

-  For healthy growth
-  For a clean environment
-  For better yields
-  For easy application
-  Free of chemical additives

natural green TURF

microgranulate
innovative, 100% natural
mineral plant additive

natural green TURF (microgranulate) is an innovative, 100 % natural mineral product.

Due to the unique formulation process of high speed collision, energy loaded, highly reactive micro-fine particles (average size 7 µm) are generated. Applied in aqueous suspension to plants the active ingredients can easily penetrate the leaf tissue via stomata and cuticle where they induce unique effects.

natural green TURF should be applied on the leaves (upper and lower surface) 0.2% – 0.3% (2.0-3.0 kg/ha per application) as a suspension, every 2 - 4 weeks

Key benefits natural green TURF:

- Supports the grasses health, permanently increases durability of sward and thereby quality of playing field.
- Improves generation of chlorophyll and therefore, contributes to the formation of a more intensive green color of grass.
- Improves roots growth and increases the grasses drought stress tolerance.
- **natural green TURF** is a 100% natural product, rich in essential trace elements. It is completely free of toxic compounds, harmful substances as well as chemical additives.
- Saves irrigation water during long dry periods.
- Promotes absorptive capacity of nutrients and active ingredients through leaves, and strengthens cell stability, as well as prolongs the mechanical tolerance of grasses.
- Improves efficiency of applied fertilizers.
- Is rich in natural trace elements and thus assists to a wide range of essential metabolic processes. As a result, resistance against typical grass diseases and tolerance against stress factors like dryness, heat and coldness are increased.

Application times:

natural green TURF was found to be most effective when applied during the following growth phases:

- Young plants and/or fresh leaves
- Before periods when strong vegetative growth is expected
- After flowering
- After fruits have formed

Miscibility:

natural green TURF can be mixed with pesticides and leaf fertilizers. However, users must check that the products are compatible before using them for the first time. Mixtures containing products (especially leaf fertilisers) with a high phosphate or sulphate content are not recommended.

General precautions:

natural green TURF is non-toxic and is therefore safe for humans, animals and the environment.

Nevertheless, it is recommended that you do not breathe in **natural green TURF** dust and that you protect your eyes and mouth using eye and mouth protectors.

natural green TURF should be stored out of the reach of children.

Product information:

Product type: 100% natural plant additive

Composition:

- Selected, natural, micronized fossil algal calcite with high content of trace elements
- formulation substance

General product specification:

Average nutrient content:

Calcium-oxide (CaO):	40-50%
Magnesium-oxide (MgO):	2,5-4,5%
Silicon (Si):	3,0-4,0 %

Contains other trace nutrients such as:

Fe, Mn, Zn, Cu, (0,1-0,2%)

Physical/chemical specifications:

Granules size:	250-350 µm
Average particle size:	7,0 µm
pH value:	6.5 – 7.5
Appearance/colour:	grey-brown
Spec. weight:	0,75-0,85 g/cm ³
Packing unit:	2-4-6 kg bucket

Should be stored in dry and frost-free conditions and used when required.

nature helps nature



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