



TERRASYSTEM[®]

TERRA-MICROORGANISMS

PRODUCT GUIDE

TERRA-Microorganisms

Product Specification

TERRA-Microorganisms is a liquid that contains microorganisms (soil bacteria), used in agriculture. The product does not contain any fertilising substances such as phosphorus, nitrogen and potassium. The aerobic soil bacteria promotes the supply of the plant with nitrogen, phosphorus and potassium by the conversion of atmospheric nitrogen as well as phosphorus and potassium-containing compounds in the soil.

Application

Concentrate 1:20

1 litre utility solution for approx. 50m² ground area / stable area

1 litre utility solution for approx. 20 m³ manure

Customs Tariff Number: 30029050

The product is based on microorganisms and thus a soil additive. As a result, it does not fulfil conditions of a fertilizer according to Chapter 31 of Customs Tariff.

Procedure

Our procedure is based on the transformation from anaerobic into aerobic processes. Anaerobic processes are putrefaction processes and are always accompanied by unpleasant, pungent and acrid odours, leachate, diseases and “contaminated environment”.

During the transformation process of organic matter oxygen is being consumed instead of being build. This leads primarily to degassing and the formation of hydrogen sulphide, which spreads the typical foul odour of rotten eggs.

The transformation from anaerobic into aerobic condition does not only result in reduced smells and avoidance of odours, but also leads to valuable product- Humus – a substrate of new life which systematically multiplies and increases itself from freshly formed bacterial protein.

The process is dominated by the production of oxygen and accompanied by the smell of forest soil, once the organic substance reached the state of aerobic condition (composting).

The resulting compost is no longer harmful to the soil, but activates and builds up soil life again. Thus a constant rehabilitation of soil fertility and its regenerative powers can be ensured.

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