

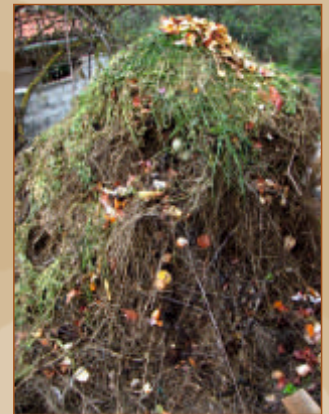
Fast Compost

**Accelerator - Activator
of Organic Matter Composting**

Fast Compost is a biotechnology product, which has been developed after many years of systematic research on the effect of beneficial microorganisms on the composting of organic materials. **Fast Compost** contains 21 different strains of beneficial microorganisms and can be applied in composters or on the ground surface, depending on where composting takes place. The microorganisms occur in the product at a biologically inactive state. After the dilution and application of the product, the microorganisms are activated and they start multiplying.

The organic materials which can be composted are animal byproducts, plant and urban wastes. More precisely, **Fast Compost** can be used for the composting of:

- Kitchen waste
- Plant waste (branches, leaves, lawn, shoots, roots, timber sawdusts)
- Dairy products remains
- Newspapers
- Excrements of herbivore animals
- Cultures wastes
- Waste from manufacturing units for the process and packing of rural products
- Farm animals manure



BENEFITS

- * Accelerates the processes of decomposition and composting of organic materials up to 30 days
- * Enhances the growth of plants which are cultivated using the produced compost
- * Decreases the probability of infection by soil pathogens of plants which grow using the produced compost

Fast Compost can be applied in:



Urban composters



Agricultural and industrial composters



Composting of farm animals manure



Surface composting of shoots and leaves



The **circle of nutrients** in the nature is achieved by the activity of aerobic and anaerobic microorganisms (bacteria, fungi and oomycetes) which degrade the complex organic matter releasing in the soil simpler organic compounds and mineral elements, through a process known as "MINERALIZATION" or "DECOMPOSITION". The activity of these specific micro-organisms, is owed to their ability to produce lytic enzymes, such as cellulases, chitinases, pectinases,



lignin lytic enzymes, proteinases etc, which decompose the organic matter. As a result, readily assimilable nutrients become available to the plants and the soil is enriched with organic matter, which improves its structure and properties.

APPLICATION METHOD

Fast Compost is applied each time a new lot of materials will be composted. The application takes place by scattering an appropriate quantity of the product to the whole volume of materials and then by macerating and mixing in order that **Fast Compost** is well dispersed. Alternatively, in case a big volume of materials is going to be composted, **Fast Compost** can be dissolved in an appropriate quantity of water and sprayed on the entire surface of materials, which should be then mixed well.



DOSAGE

Urban waste, cut blue-grass, plant waste (in a composter): 25 gr. per 100 liters of materials.

Leaves, shoots (surface composting): 50 gr. per 100 m² of surface (the layer of materials is considered to be 10-15 cm thick).

Agricultural waste: 1 kg per 2 m³ of materials.

Manure : 1 kg per 2 m³ of manure.



Produced by

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