

Fragile Earth Compost Accelerator

Affectionately known by gardeners and growers as 'Compo Bugs' Compost Accelerator is a highly effective super reliable accelerating biological nutrient and stimulant that contains billions of natural microorganisms especially cultured for composting and the decomposition of organic matter. Compost accelerator contains over 5 billion bacteria per gram which guarantees rapid biological start up. Compost Accelerator is typically used to speed up composting done in the traditional way which can be very frustrating and if the mix and conditions are wrong it can take up to a year to generate useful compost.

The blend of bacteria, yeast, enzymes and nutrients in Fragile Earth Compost Accelerator ensures reliable degradation of household and horticultural organic wastes in all composting processes. A number of microorganisms and nutrients have been specially selected to formulate this product in order to both enrich the waste material to be degraded the resulting fertiliser. The resulting improvement in microbial diversity is specifically formulated to promote the activity of a wide range of microorganisms including mesophilic bacteria, thermophilic bacteria, yeasts and fungi which take turns to reduce the long carbon chains into smaller molecules.

Additional benefits:

- Helps break down kitchen food waste.
- Digests difficult waste such as fats and proteins that indigenous compost bacteria struggle to digest.
- Reduces odours and stabilises the humus.
- Speeds up the time it takes to get to the hot and very active thermophilic stage.
- Contains facultative bacteria which work in conditions where oxygen levels are lower.
- Increases fertiliser values.
- Save time by accelerating the speed of degradation
- Improve microbial growth by providing trace elements that may be lacking
- Ensure the availability of effective microorganisms to degrade complex and recalcitrant organic molecules such as hydrocarbons, pesticides and inhibitors

Description: Tan colour free flowing powder

Packaging: 250g water-soluble pouches

Stability: Max. Loss of 1 log/yr

Bulk Density: 0.5 – 0.7 g/cm³

Moisture Content: 15%

Nutrient: Biological Nutrient, enzymes, facultative bacteria, mineral elements, amino acids, peptides, vitamins and microbial growth factors.

Bacteria Count: Min. 5 billion CFU* per gram

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Composting is a natural process whose purpose is the decomposition of organic waste material into the form of fine humus. Composting is achieved through the action of micro-organisms such as bacteria and fungi in a ventilated environment. Composting requires a humidity between 50 and 70%; adequate aeration, ventilation, a ratio of carbon/nitrogen (C/N) between 20 and 35, a ratio of carbon/phosphorus (C/P) between 50 and 150, trace element such vitamins and mineral elements required for microbial growth and good porosity and permeability of the waste piles to be degraded.

We know that the degradation of organic matter during composting depends on several interrelated factors. The diversity of the microbial community and their total amount in the waste material will play key roles in both efficiency of degradation of organic waste and the quality of the fertiliser. Fragile Earth Compost Accelerator will guarantee a good microbial diversity for better maturation and degradation of the compost and will provide a more stable fertiliser. Fragile Earth Compost Accelerator contains mineral elements, amino acids, peptides and vitamins all necessary for the growth and metabolic activity of a wide variety of microorganisms including bacteria, yeasts and fungi all necessary in the composting processes. Using Fragile Earth Compost Accelerator will provide elementary nutrients often missing in organic waste material for proper composting and optimise humus quality as an organic fertiliser. Enzymes and active yeast address the issues of slowly biodegradable material such as grass and fibrous and woody trimmings.

Reduction of recalcitrant compounds

A significant environmental concern for gardeners and growers is the control of contaminants such as pesticides and preservatives often found in foods, grass trimmings etc. The use of Fragile Earth Compost Accelerator will promote and support the presence of microorganisms capable of degrading recalcitrant compounds such as hydrocarbons found in various preservatives and pesticides.

APPLICATION: Add 20g (roughly equivalent to two heaped tablespoons) of Fragile Earth Compost Accelerator to 4 litres of warm water, leave for 30 minutes and then pour over the compost using a fine rose and mix well.

For best results repeat every 14 days

Alternatively, dry powder can be sprinkled onto the heap at the same dose rate as above when new materials are added: water in well.

STORAGE & HANDLING: Store in a location away from children, food items, and potable water. Store in an area out of direct sunlight, keep container closed when not in use. Avoid storing in a damp environment.

PRECAUTIONS: Always wear gloves when handling Compost Accelerator. Avoid excessive skin contact. Avoid breathing dust.

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Potential risk of combustion from airborne powder



Keep ignition sources away from powder. Do not smoke.



Irritant avoid contact with eyes

PACKAGING: Container, lid and label recyclable.

*Colony Forming Unit

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