



IGNITE

Compost Starter Powder



Special formulation used to activate and accelerate composting

GENERAL INFORMATION:

IGNITE is a formulation containing bacteria, fungi, and cellulose digesting enzymes. It is used to activate and accelerate composting of manure and other farm residues giving high quality compost in a shorter time.

MODE OF ACTION:

IGNITE acts by decomposing farm residues in a controlled process. It hastens the composting process and can be used in a variety of agricultural waste. The microbes in IGNITE penetrate through the composting material acting both mechanically and chemically to decompose the organic matter. IGNITE also acts in bio remediation by degrading or altering many types of contaminants e.g hydrocarbons, pesticides and petroleum products. Use of IGNITE saves time and labour needed in compost preparation.

DOSAGE : 1-2 Kg of IGNITE for 3-5 Tons of farm wastes e.g. manure.

PREPARATION OF COMPOST USING IGNITE:

Make a 10% sugar or molasses solution by mixing 1kg of sugar or 1 Litre of molasses in 10 Litres of water

Mix 1-2 Kg of IGNITE in the 10 Litres of 10% Sugar or molasses solution and keep overnight then top up the solution to 100 litres of water

Apply the final solution using a sprayer or watering can over the compost. 100 Litres of solution can treat upto 5 Tons of manure or other farm wastes.

Wet and mix the compost heap bi-weekly ensuring optimum moistening and turning.

Monitor temperature on the 1st, 18th and 30th days. The heap is considered fully composted when ambient/normal temperature is achieved.

The composting process takes about 30 days or more.

FEATURES AND BENEFITS:

- Considerably reduces the time it takes for organic wastes to compost.
- Contains extra cellular enzyme and protein complexes that degrade organic compounds outside cells of the microbes.
- Stabilizes the compost aggregates through excretion of organic compounds that bind adjacent organic matter and soil particles together.
- Facilitates nutrient recycling and mineralization.
- Breaks down contaminants into less hazardous components.
- IGNITE is ecofriendly and non-toxic to beneficial organisms and users.



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