



bioculum

Biological Inoculum
for composting

STOP WASTING YOUR WASTE UNLOCK ITS POWER



Bioculum is an effective, safe and environmentally sensitive facilitator of the aerobic composting of organic waste. Bioculum speeds up the natural composting process and in just 4 to 6 weeks, converts waste into wonderful manure.



Why Compost?

India generates a stunning 100 million tons of waste every year. Most of this waste rots in the streets or is sent to landfills where it produces greenhouse gases like methane. Waste in landfills also attracts pests and is a health hazard.

Composting your own waste is the responsible choice of the modern citizen. Eliminate greenhouse gases, pests and pathogens from your surroundings, start composting today.



Science naturally

How Bioculum works?

Composting is nature's way of recycling its waste. Micro-organisms such as Actinobacteria are present in soil and air at all times and are responsible for breaking down organic waste. In nature, the process is slow due to lack of air or adequate water or absence of the correct micro-organisms. Bioculum adds the micro-organisms that are present in a natural compost pile and thus speeds up the bio-digestion.



Application and use

Using Bioculum for accelerated Bio-mechanical composting:
Bio-mechanical composting is the fastest and most effective way of converting organic waste to compost.

Usage:

- Add Bioculum in the ratio of 1gm/ Kg of food waste to Bioneer or OWC (Bio-mechanical Composters from Excel Industries Limited) Compost is ready in 2 to 10 days (2 days in case of Bioneer and 10 in case of OWC)

Using Bioculum in Windrow Composting:

Recommended dosage is 1kg for 1MT of waste

- Arrange waste in a heap
- Prepare Bioculum slurry
- Spray onto waste
- Maintain moisture by spraying additional water if necessary
- Turn the heap every week for proper preparation

Compost ready in just 4 to 6 weeks



Bioculum is useful for

- Restaurants
- Households
- Canteens
- Food processing industries
- Agricultural and animal farms
- Temples
- Municipalities
- Parks and gardens



The power of Bioculum

- Accelerates aerobic composting of bio-degradable organic waste
- Preserves plant nutrients and minerals in the end product
- Very safe to handle and easy to apply
- Produces bio-stabilized organic manure, free from pathogens, foul smell and weed seeds



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