



ENDLESSLY
GREEN

STANDARD
OPERATING
PROCEDURE

FOR

EARTHA

AEROBIC
COMPOSTER

ENDLESSLYGREEN.IN





- **HOW TO ASSEMBLE**

Eartha, made of fibre-reinforced polymer (FRP), comes fully assembled and does not require much effort during installation at the client location other than fitting the tap.

- **ESSENTIALS**

Eartha is an aerobic composter. It must be placed in a well-aerated spot, preferably warm and outdoors. Although Eartha has been performing very well in outdoor conditions, protecting it from direct sunlight and rainwater splashing increases its lifespan and enhances its performance, respectively.

- **ADDITIONAL INFRASTRUCTURE**

Cement blocks should be placed at the bottom or a platform constructed to raise the height. This is to facilitate easy extraction of compost tea from the tap.



WHAT CAN GO IN...

- Fruit peels, vegetable rejects, cuttings, tailings, peels, skins, rinds, scraps, etc.
- Non-vegetarian leftovers/scraps can go in. Leftover rice and other similar rejects should be in smaller quantities when compared to fresh food waste rejects.



WHAT CANNOT GO IN...

- Do NOT add liquids like sambar, rasam, buttermilk or even cow dung slurry to the composter as excess moisture creates problems.
- Do NOT put coconut shells or paper scraps as they take very long to biodegrade. Do NOT overload your composter with excess cheese/paneer, etc.
- NO plastic, thermocol or Styrofoam rejects whatsoever. These are non-biodegradable items and cannot be composted.





COMPOSTING PROCEDURE

- Put a 6-inch thick layer of unshredded dry leaves at the bottom followed by a 2-inch layer of Endlessly Green microbial cocopeat.
- Mix one measure of microbial cocopeat (brown or carbon content) with three measures of shredded kitchen waste (green or nitrogen content). Add 1/2 to one part of shredded dry leaves which are brown in colour.
- You can either mix the above ingredients thoroughly, or go for layering method by spreading a layer of shredded kitchen waste and a layer of cocopeat and dry leaves on top of it.
- Repeat the process till you reach the top leaving the tip of the aerator free so that airflow goes on unhindered.
- Always cover the top layer with cocopeat or dry leaves to prevent small insects from accessing the food waste.
- Follow the process till the last composter is filled up. By then, the first one will be ready for harvesting.



DURATION

The pace of composting depends on the ambient temperature, aeration, nature of the contents, moisture level in the pile and the particle size. When processed properly, the first batch may take up to 40-45 days. The subsequent batches may take up to 35 days. Shredding/chopping speeds up the process.

HARVESTING

When the process is through, just unbolt the hatch and rake out the compost. Set it aside for curing for a month in gunny sacs or any aerated container. If the compost is too wet, dry it in shade. NEVER dry the compost under the sun. Microbes will perish.



TROUBLESHOOTING



- **Excess moisture:** Do not add liquid contents. To fix the problem, add dry cocopeat, and/or dry leaves. Aerate well.
- **Bad odour:** Insufficient aeration and excess moisture creates this problem. Aerate well and add some dry leaves or dry cocopeat. Mix well to drive out the bad smell.
- **Excess maggots:** Excess moisture creates this problem. Always keep the moisture levels well under control. High humidity levels, especially a day after rainfall, trigger excess maggot proliferation. They cause no harm. Leave the lid open during warm hours of the day to let the pile aerate.
- **Compost tea:** Drain out the compost tea regularly. Otherwise it can trigger bad odour and excess maggots.
- If the compost is too wet, dry in shade.



HOW TO USE THE COMPOST



A good gardener cultivates the soil. Not just the plants. Once the soil is healthy, magic happens on its own! Compost is the key magical ingredient here.

What you did just now by processing all the kitchen waste and dry leaves is the best way to reduce the burden on the over-stuffed landfills in your town or city. By doing so, you are already keeping more than 60-65% of precious waste away from the landfill.

Feed the compost to your garden. It will nourish the plants, the soil and the soul! It is the best way to show gratitude to Mother Earth.



EARTHA

AEROBIC COMPOSTER



Designed, manufactured
and marketed by
ENDLESSLY GREEN,
in collaboration with
GREEN CAARE INPUTS
& SERVICES,
Bangalore.



WARRANTY

Eartha aerobic composter—designed, manufactured and marketed by Endlessly Green, Bangalore, in collaboration with Green Caare Inputs & Services (formerly GreenOn)—is made of FRP, stainless steel hinges, and good quality PVC aerators and a tap. We offer a two-year warranty on the FRP body. Unless there is willful breakage or damage, we will offer repair services for two years over any manufacturing defect/s. We also offer a one-year warranty on the mesh, hinges, aerators and the tap. Replacement will be done if any unintentional damage occurs.

The customer is requested to handle the equipment with care. After the warranty period, you can buy the spares directly from us by contacting us through phone/email.

