

Eco Recycling Bin

commercial organic waste system

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Product Information Sheet

Description:

The **Eco Recycling Bin** is an alternative sustainable method of recycling food waste versus the traditional dumping food waste into landfill. This positive action directly reduces greenhouse gas emissions (specifically Methane which is caused by rotting organic matter). Each kilogram of food waste dumped into landfill produces 900grams of Methane (primary greenhouse gas or Carbon Dioxide equivalent CO_{2e})

The 120 Litre **Eco Recycling Bin** is designed to cope with large volumes of food waste for commercial operations.

Once the **Eco Recycling Bin** is full, the fermented food waste can be transferred directly into the soil where it will breakdown rapidly. In approximately 4 weeks, the buried food waste will be mostly broken down, providing a usable nutrient rich resource that improves the surrounding soils nutrients, microbes and enzymes, minimising the need for other fertilizers.

Directions:

1. Place your **Eco Recycling Bin** somewhere close to where the food waste is produced.
2. Place the drain plate supplied into the base of the **Eco Recycling Bin**. This allows highly nutritious liquid to drain into the bottom of the bin.
3. To activate the microbes prior to use, spread a layer of **Eco Bokashi** onto the **Eco Recycling Bin** drain plate.
4. All organic food wastes can now be added into the **Eco Recycling Bin** e.g. cooked food scraps, bread, citrus, vegetable scraps, eggshells, small amounts of paper, meat, seafood, onions etc.
NOTE: The treated food waste in the **Eco Recycling Bin** will actively ferment in the bin, not decompose. It needs to go into the soil to physically break down.
5. At the end of each day:
 - a. compress the food waste in the bin with a mashing utensil, or similar, to remove any air pockets. (the microbes don't need air to work), and
 - b. on average, spread a layer (approximately 200mls or 3/4 cup) of **Eco Bokashi** over the food waste so that the entire surface area is covered. The more **Eco Bokashi** used introduces more microbes into the bin.
6. Reseal the airtight **Eco Recycling Bin** lid once finished. This should remain closed when not in use and sealed with loops to stop any potential pest infestation.
7. Twice a week, drain the highly nutritious liquid 'Bokashi Juice' from the port at the base of the bin.
NOTE: The 'Bokashi Juice' can be diluted with water at a 1:100 ratio and applied directly to your garden beds and plants. The 'Bokashi Juice' needs to be used within 12 hours of being drained from the **Eco Recycling Bin** whether it is diluted or undiluted.
8. When the **Eco Recycling Bin** is full, empty the contents into a hole or trench approximately 20cm deep and cover with soil. The waste material needs to go into the soil to physically break down.
9. Rinse the **Eco Recycling Bin** with water (no detergent or soap), drain and repeat the process.

* Available in yellow 120 Litres and 240 Litres.

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