

Title: Composting Food Waste

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Do not throw your food waste!!!! Start composting.

What is Composting?

Composting is the accelerated form of the decomposition of organic matter. For the

decomposition process, we need microorganisms to eat and inhabit decaying matter to break them even further. At the end you will get a product, Compost. Compost can do a lot of help in farming; Compost is great for mixing into the soil when you are planting a new plant. It helps a sandy soil hold moisture and nutrients better. Composting reduces soil erosion and enhances soil fertility. Composting reduces waste landfilled and burned and benefits soil structure. Composting helps to store carbon in soil to protect the climate.

Why do you need to Compost? You need to Compost because if you trash the left-over food scraps can cause a problem. Trash ends up in a landfill and microorganisms decompose the leftover food scraps. But in the process the microorganisms release a harmful greenhouse gas called Methane. Greenhouse gasses trap heat in the atmosphere which leads to global warming. Methane is 25 times more pollutant



than Carbon Dioxide. Composting does not release Methane while it does release small amounts of Carbon Dioxide, but it is a way to reduce pollution. When it precipitates on a landfill the water will go through the waste and go to a water body. But when it is going through the waste it absorbs the harmful chemicals and mixes with them forming Leachate. If Leachate goes into a water body, it can highly pollute the water and kill the animals that live in it. Composting does not produce Leachate so if you Compost you are also saving lives of animals.

Types of Composting: There are 8 methods of composting.

1. **Open Air Composting.** Open Air Composting is traditionally a pile of green and brown matter in your backyard. ...
2. **Direct Composting.** Direct Compost is simply digging a hole or trench in the ground and burying your scraps. ...
3. **Tumbler Composting.** Tumbler Composting comes in many shapes and sizes of single to double units that you may purchase commercially from your local hardware store.
4. **Worm Farm Composting.** Worm Farm Composting for many is the most common and preferred choice of composting because of their capabilities to grow worms, produce compost and compost tea ...
5. **EMO Composting.** EMO Composting or Effective Microorganisms is a system generally used for indoor composting but can be used by anyone who likes this method of composting.
6. **Combination Composting.** Combination Composting or Compot Composting is a combination method of open-

air composting, direct composting, vermicomposting, and EMO composting.

7. **Commercial Composting.** Commercial Composting is different to backyard composting and uses different materials. ...
8. **Mechanical Composting.** Mechanical Composting is an efficient method of composting that uses electricity to create the heat required and rotation of the contents required to produce semi-composted waste literally ...



How do you Compost? Start your Compost pile on bare earth. Then add food scraps, tea bags, seaweed, etc. Add dry materials such as straw, leaves, sawdust, wood ashes. Then add manure, green manure. Adding Manure speeds up the process. Then

water the compost and after that cover the Compost and that helps retain the moisture and heat. Turn the Compost every few weeks. But there are things you shouldn't add such as dairy, fats, oils, plants treated with Pesticide, diseased or infected plants, Dog or Cat waste. If it isn't food, it cannot be composted like plastic, paper, metal, glass.

Composting is a fun, engaging, and addictive activity that creates Eco-Heroes. Composting can be a valuable family experience, but also one that extends out into the world and makes a difference. People will have a blast making the Earth smile.

