

Waste → Resource

Decayed organic material used as a plant fertilizer.

1%

of any contamination
RUINS

100%

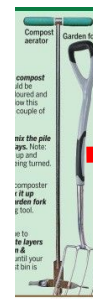
of the compost's value

HOW



Alternate green & brown layers, keeping it well turned and aerated for best results.

- Brown layer: fallen leaves
- Green layer: kitchen scraps
- Brown layer: hay, straw, used pet bedding (herbivores only)
- Green layer: Grass clippings
- Brown layer: Leaf litter / shredded paper
- Base Layer: sticks, twigs, branches up to approx 20mm diameter



Compost aerator
Garden fork
Compost all be turned and aerated for the couple of weeks.
mix the pile up. Turn it up and mix it.
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CARBON

NITROGEN

MOIST but NOT too wet

DRY and shady

LAYER alternating brown and green

MIX every 10-14 days for 3-4 times

DARK, crumbly, no remnants

RETAINS MORE WATER
Compost helps strengthen soil's ability to retain water. This causes plants to not need to be watered as frequently.

REDUCES LANDFILL WASTE
Composting helps divert materials from going to the landfills, minimizing the amount of greenhouse gas emissions released into the atmosphere and lengthening the capacity of landfills.

REDUCES SOIL EROSION
Erosion occurs when top soil is blown or washed away causing infertile topsoil. Compost can restore topsoil and build stable soil structure.

REDUCES NEED FOR SYNTHETIC FERTILIZERS
Compost sufficiently supplies soil with nutrients like phosphorus and nitrogen. This reduces the need for additional fertilizer because compost naturally provides the necessary nutrients for the soil.

HELPS CARBON SEQUESTRATION
Carbon is stored in the top 3 feet of soil and is released into the atmosphere when soil structure is poor. Applied compost helps improve soil structure to combat against this.

BENEFITS

CONTAMINANTS:

Coal or charcoal ash, Dairy products, Eggs, Disease or Insect-ridden plants, Fats, Grease, Lard, Oil, Meat or Fish bones, Pet wastes, Trimmings with chemical pesticide