

Why Compost?

Reduce Greenhouse Gases

Methane is 20x stronger than CO₂.



Diverting organics from the landfill reduces methane emissions.

STOP Soil Loss

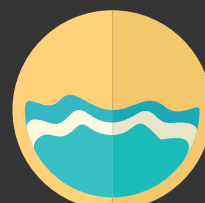
24 billion tons of fertile land is lost every year.



Composting returns nutrients back into soils.

Save Water

Organic matter retains 18-20 times its weight in water.



1% organic matter in the top 6" of soil can hold 27,000 gallons of water per acre.

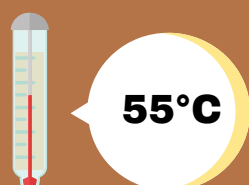
Types of Composting

BACKYARD



(SIMPLE)

HOT COMPOST PILE



(EFFECTIVE)

BOKASHI



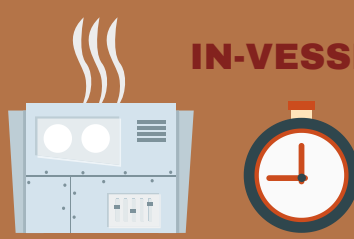
(FERMENTATION)

VERMICOMPOSTING



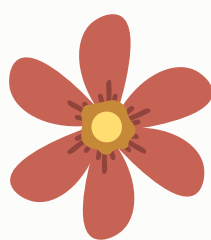
(WITH WORMS)

IN-VESSEL



(QUICKEST)

Compost Tips



Build Diversity

One spoon of good garden soil contains

- * BILLIONS of bacteria
- * YARDS of fungal filaments
- * THOUSANDS of protozoa
- * SCORES of nematodes.



Feed the soil and the plants will grow.

Use It Right

Soil amendment
(Tilled into the soil)

Top dressing or mulch
(To be absorbed over time)



One inch (or 2 cm) of finished compost can kickstart a garden.

Recall the Ratio

Finished Compost has a Carbon to Nitrogen ratios 12:1 to 20:1.



The right mix of browns (carbon) and greens (nitrogen) will ensure a smooth composting process.

Sources

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