

Backyard Composting Tips



How to Use Compost

Garden & Lawn

When the composted material looks like rich, brown soil, it is ready to use. Apply one-half to three inches of finished compost and mix it in with the top four inches of soil about one month before planting. Compost can be applied as a top dressing in the garden throughout the summer. Compost is excellent for reseeded lawns, and it can be spread one-quarter inch deep over the entire lawn to rejuvenate the turf.

Potting Plants

To make potting soil, mix equal parts compost, and loam. You can put the compost through a screen to remove large particles – these can go back into the pile.

Mulching

Grass clippings, leaves and woody yard wastes can be used as mulch in gardens and around shrubs to keep the soil moist, control weed growth and add nutrients. Woody materials should be chipped or shredded. Use a mulch of pine needles around acid-loving plants. Leaves will work first as mulch, then as a soil enricher as they decompose. Grass clippings should be dried before using as mulch. Do not mulch with grass clippings which have been treated with herbicides; composting them first, however, will break down most herbicides.



Elements of a Good Compost Pile

The Biodegraders

Nature has provided an army of workers who specialize in decomposing organic material. These “critters” — bacteria, fungi, molds, earthworms insects and other soil organisms — eat all types of organic material and in the process convert nutrients into a form plants can utilize. Without those compost critters, we would be surrounded by mountains of leaves and the soil would be barren. The process of composting is simply a matter of providing the soil organisms with food, water and oxygen. They do the rest.

Organic Material

Organic material contains varying amounts of carbon and nitrogen which nourish the organisms naturally present in your compost pile. Billions of bacteria inhabit the surface of every leaf and blade of grass in your yard. The critters need both carbon and nitrogen. An easy way to provide both of these is to remember that brown, woody materials, such as autumn leaves, are high in carbon while green, moist materials, such as grass clippings, are high in nitrogen.

High Nitrogen "Greens"

- grass clippings
- weeds
- food waste: fruit & vegetables, coffee grounds, tea bags, egg shells
- seaweed
- alfalfa hay/meal
- blood meal

High Carbon "Browns"

- autumn leaves
- straw, cornstalks
- paper, cardboard, paper towels, napkins, bags, plates, coffee filters, tissue and newspaper
- wood chips

Air

The compost critters need oxygen, just as we do. Lack of oxygen will slow down the composting process and cause odors. Turn your pile, fluff it with a hoe or compost turning tool, or build air passages into the pile with cornstalks to provide oxygen to the organisms.

Moisture

Compost organisms need a moist environment. The pile should be as damp as a wrung-out sponge, but not dripping wet. Make sure leaves are damp when you add them to the compost pile because they will not break down if they are dry. Since moisture evaporates as the pile heats up (a sign of active composting), let rain and snow replace it, or add water during dry spells. A cover helps retain moisture in hot weather.

"No Yard" Composting

Composting can be done indoors using an earthworm farm. Not only can you recycle your food scraps, you can also have a steady supply of fishing bait.

Keep Updated on Food Composting at the Dennis Transfer Station



<https://www.town.dennis.ma.us/348/Food-Waste-Composting-Info>



How to Build a Compost Pile



The Steps

There are as many different ways to make compost as there are people who do it. The following guidelines will get you started, but soon your own experience will help you tailor a method that best fits your needs.

1. Build or purchase a compost bin from a garden catalogue, nursery or hardware store. Enclosed compost piles keep out pests, hold heat and moisture in, and have a neat appearance. Or, bins can be simply made of wire, wood, pallets, concrete blocks, even garbage cans with drainage holes drilled in them. In urban areas, rodent-resistant compost bins — having a secure cover and floor and openings no wider than one-half inch — must be used.

2. Set up the bin in a convenient, shady area with good drainage. A pile that is about three feet square and three feet high will help maintain the heat generated by the composting organisms throughout the winter. Although a smaller pile may not retain heat, it will compost.

MA DEP's Recycling Program also provides technical assistance and information:

Email - info@recyclingworksma.com

Hotline - (888) 254-5525

Visit - <https://www.mass.gov/composting-organic>



3. Start the pile with a layer of coarse material such as corn stalks to build in air passages. Add alternating layers of "brown" and "green" materials and mix them together. Sprinkle with soil every 12 inches. Be sure to bury food scraps in the center of the pile. If you don't have "brown" and "green" materials on hand at the same time, build your pile with "browns" and mix in "greens" as they become available. Shred leaves or run over them with a lawn mower to shorten the composting time. Save several bags of leaves to add in the spring and summer when "browns" are scarce.

4. Add water as you build the pile, if the materials are dry. Keep the composting material damp or it will not decompose.

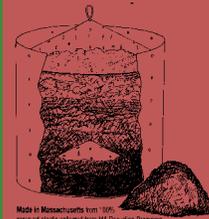
5. As time goes on, keep oxygen available to the compost critters by fluffing the pile with a hoe or compost turning tool each time you add material. A complete turning of the pile — so the top becomes the bottom — in spring and fall should result in finished compost within a year. More frequent turning will shorten the composting time.

6. Never compost diseased plants

Options



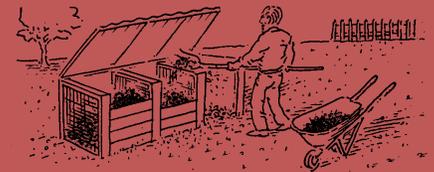
New Age Composter



Made in Massachusetts from 100% recycled plastic collected from MA Recycling Programs

The New Age Composter (shown) and Earth Machine Composter are rodent-resistant bins distributed through DEP's recycling grant program.

Turning Bins



A series of three or more bins allows you to make compost in a short time by turning the materials on a regular schedule.



Barrel Bin

These bins can be made from plastic garbage cans.



Wire Bin

Wire bins can also be made for composting.

For more, view "[Turning Your Spoils to Soils](https://www.youtube.com/watch?v=L5WiKIEe17c)" Video



<https://www.youtube.com/watch?v=L5WiKIEe17c>

