Interested in Acquiring Your Very Own?

Email Bryan McAtee

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~To order a tumbler or answer any questions relating to tumbler operation or the improvement of composting methods

Sponsored By:

L.E.A.P. Lafayette Environmental Awareness and Protection

Society of Environmental Engineers and Scientists

The Composting Team

All proceeds will support future work of the Composting Team and SEES; the Society of Environmental Engineers and Scientists at Lafayette College. Your purchase will enable:

Undergraduate Research

Campus Composting Optimization

Community and Educational Outreach

Student-Designed Compost Tumblers

Help support Lafayette's Composting Program while ***Greening*** your Gardening with a Compost Tumbler Unit for only ***$150***

Operating Instructions

- Fill the tumbler with biodegradable food or lawn waste. Mix both together for optimal results.
- Ensure that the contents are sufficiently moist (not saturated, but as damp as a well-rung out sponge). Usually the residual moisture from food waste is more than enough.
- *Optional*: Include a small amount of activated compost from the last batch to accelerate biological decomposition.
- Rotate the tumbler once a day for two weeks, or until the compost is a consistent, dark brown color.
- Apply compost to flower beds or garden patches

The finished product

Compost Tumblers are perfect for the environmentally-conscious home gardener.

- Tumblers **reduce the volume of solid waste** sent to the landfill, turning household rubbish into fertile compost
- Compost is a **great source of carbon and nitrogen nutrients** for your garden, increasing the amount and vitality of leafy plant growth
- Compost provides an **effective alternative to fertilizers**, without the damage to local watershed ecology
- Compost sequesters and **gradually releases vital plant nutrients**, ensuring flower beds remain healthy for the entire growing season

Tumblers save cash on fertilizers in the long-term, and proceeds will benefit future student-run sustainable initiatives on campus and in the local community

How it Works

Tumblers provide an easy means of mixing and aerating the composted waste, meaning:

- the decomposition time for organic waste is vastly decreased
- the composted waste remains odorless

Composting is the biological decay of the organic constituents of waste, aided primarily by bacteria. The tumblers stimulate this decay by introducing air within the interior of the pile.