Guidelines for composting Earthtwine

Composting methods

Earthtwine is designed to be composted on-farm, using either:

- Windrow
- Static pile
- Aerated tunnel methods

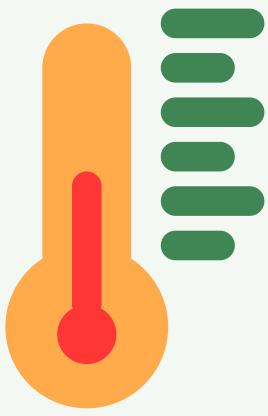
No need to separate twine from plant material

Decomposition timeframe

Earthtwine breaks down into C02, H2O and biomass. No harmful residues left behind.

Up to 80% of twine can decompose within 30 days in a healthy composting environment

Temperature requirements

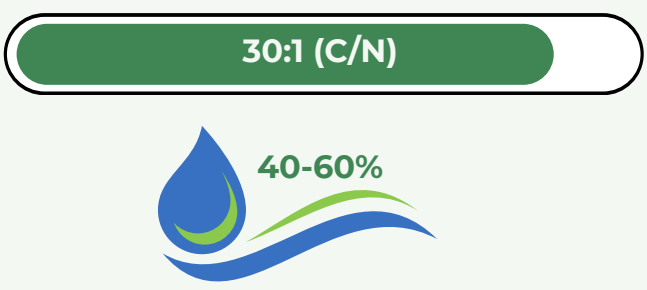


Maintain a composting environment with a core temperature of at least 55°C. The optimum range is 60-70°C

Aeration

Regularly turn the compost, especially during the first month, to prevent anaerobic conditions. Lack of oxygen impacts the rate of degradation and quality of finished compost.

Carbon: Nitrogen & Moisture control



Aim for a carbon-to-nitrogen ratio of 30:1 (C/N) and moisture content of 40-60% to promote microbial activity and efficient decomposition.

Shredding/chopping recommendations

Chopping Earthtwine into straw lengths (10-15cm) using a guillotine-type chopper is recommended. This will help maintain oxygen pockets, retain heat and support microbial activity during composting.