

The BioSpeed Composting Technology rapidly decomposes organic waste into a usable compost product, soil amendment, and organic fertilizer. The quality and maturity of the material leaving the machine will vary from users and will be **unique to individual operation**. Influential factors in the quality and application of the final compost product include, but are not limited to:

- Carbon:Nitrogen ratios
- Feedstock diversity
- Quantity of waste
- Moisture content

### Landscaping Application

Under the standard machine settings and 24-72-hour processing period, the compost can be used immediately upon leaving the machine in a variety of landscaping applications. Material applied immediately from output **MUST BE** mixed with soil.

**We recommend a 1:11 mix - 1 part BioSpeed Compost : 11 parts soil**

If the compost is used without properly combing into soil, the condensed nutrients within the compost can cause mold and other unfavorable growth to occur.

### Compost as Feedstock

BioSpeed compost can act as a great feedstock for existing composting operations. Incorporate the compost from the machine with an on-site composting pile or nearby composting facility. This material will have a longer maturation time which will be determined by standards unique to the site. Once compost reaches maturity, material can be directly used in all compost applications. The compost will not require mixing or diluting with soil.

### Machine Setting Adjustments

The programmable automation available with each BioSpeed machine allows users to adjust parameters to increase or decrease the processing period. The user must consult with a BioCoTech representative prior to altering the default machine settings.

- To generate a more mature product using the BioSpeed, users can lower the frequency of agitation and heating temperatures. This will increase the time to process the organic material. **NOTE:** With a slower processing period, the machine's daily capacity will be reduced and must be monitored.
- To process higher volumes of waste with less concern on the quality of the output, users can increase the agitation interval. This will expedite the organic materials movement through the machine and allow for additional capacity on a day-to-day basis. **NOTE:** This material will be classified as an immature product and require further processing.

*If you are interested in learning more about the compost product generated by your operations, contact a local soil laboratory to run tests and strategize.*

**Disclaimer:** BioCoTech Americas Inc. cannot guarantee the quality or usability of the final product.