

RhizeBio Compost Sampling Protocol

Supplies Required:

- Clean stainless-steel scoop, trowel, or auger
- Disposable gloves (nitrile preferred)
- Clean 5-gallon bucket (for mixing)
- **RhizeBio DNA sample bag** (or sterile Whirl-Pak or Ziploc bag)
- Cooler with ice packs
- Permanent marker

Sampling Guidelines:

1. Sampling Zones:

- Sample **5–10 locations** throughout the compost pile or windrow.
- Target the **active compost layer**, typically 6–12 inches deep.
- Avoid dry crust, ash, or uncomposted clumps.

2. Subsampling:

- From each location, collect **1/2 to 1 cup** of compost.
- Avoid areas with high visible contamination (e.g., plastics, wood chunks).
- Combine all subsamples into the clean bucket.

3. Composite Sample Preparation:

- Mix subsamples thoroughly in the bucket using a clean, gloved hand or sterile tool.
- Transfer **1 cup** of homogenized compost into a **sterile DNA sample bag**.

Sample Labeling:

Clearly label the bag with:

- **Sample ID**
- **Date**
- **Compost Type** (e.g., manure-based, food waste, mixed green waste)

Storage & Shipping:

- Store the sample **on ice** immediately after collection.
- Ship **overnight** with ice packs to maintain cool temperature.
- Do **not freeze** or allow the sample to dry out.

Ship Samples To:

RhizeBio, Inc.
235 Tuckasee Road, Suite A
Mount Holly, NC 28120

Contact:

Support@rhizebio.com

919-351-2038