REQUEST FOR ANALYSIS (RFA) 2025

Composts, Manure, Growing Media

Please call us if a required test package is not listed

MAIL SAMPLES TO:
Woods End Laboratories LLC
150 Whitten Rd.
Augusta, ME 04330
Tel: 207-293-2457
E-mail: lab@woodsend.com

Your Woods End Acct #: _____ Hard Copy Requested? ☐

Company: _____ Contact Name: _____

Address: _____ E-mail address: _____

City, State (Prov), Zip: _____ Phone: _____

Your Project Number: _____

Payment Info: ☐ Check Enclosed Amount: $ _____

Credit Card # ____ / ____ / ____ / ____ Expiration Date: ____ / ____ Sec Code: ____

Name on Card: _____ Signature: _____

	Sample Description	Sample ID	Date Sampled	101	110	116 STA Fecal Coliform	202	710a	Other Tests
1									
2									
3									
4									
5									
6									
7									
8									

SEE PAGE 2 FOR TEST DESCRIPTIONS AND PRICING

NOTE: This form constitutes a request for service. Laboratory reserves right to dispose of samples if received without required information.

2025 COMPOST QUALITY ANALYSES

Quality and Potential Interaction of Carbon Containing Amendments with the Soil and Plant Environment

INTEGRATED ANALYSES: (for composts, organic fertilizers, carbon compounds)

Below are suggested categories of quality analyses that may be selected for processed soil amendment and compost materials you wish to have evaluated at Woods End Laboratories.

CATEGORIES (must select category for Sample Request Form on p1):

1. **STANDARD QUALITY**: **(Code #101 - $225)** – *Basic integrated* and *practical* compost quality test. This test is designed to reveal the overall balance of ingredients both physically and biologically, indicating both completeness of composting (maturity, volatile ammonia) and C:N ratio. Tests include: wet density, total solids, moisture, water holding capacity, pH, free carbonates, conductivity (EC), total organic matter, total nitrogen, C:N, ash content, Solvita® Maturity Index.
2. **PREMIUM ANALYSIS: (Code #110 - $375)** – *Comprehensive Quality Test*. Includes all Basic Components (#101 above) ***plus*** total minerals (Ca, P, K, Na, Mg), soluble nitrogen (Ammonium and Nitrate), Trace Elements/Metals: Cu, Mn, Fe, Pb, Cr, Cd, Ni. Does *not* include EPA Metals Hg, As, Se, Mo.
3. **STA COMPOST ANALYSIS: (Code #116 STA - $400)** – Complete testing package to support USCC Seal of Testing Assurance (STA) program. Test includes Total Solids, Total Nitrogen, Phosphorus, Potassium, Calcium, Magnesium, Copper, Zinc, pH, Arsenic, Cadmium, Lead, Mercury, Nickel, Selenium, Phosphate, Potash, OM, Ash, Seedling Germination and Vigor, CO_2 Evolution, Soluble Salts, Bulk Density, Moisture, Particle Size and Fecal Coliform.
4. **PLANT RESPONSE: (Code #202 - $250)** – *An excellent test to reveal diverse plant response.* This integrated plant bioassay provides essential information for quality of growth of 3 different plant genera (Garden Cress, Wheat-Grass and Red Clover) from germination to emergence and early growth, and the presence of potentially harmful herbicidal residue and the calculated risk groups for plant growing. Also includes quantity of germinal weed seeds.
5. **PREMIUM AND BEST USE CLASSIFICATION: (Code #710a - $625)** – Used for Compost Quality Certification. A *robust protocol combining test data and a mathematical-array procedure to statistically validate a product for its highest and best-use potential.* This test combines the above test categories of *Premium Analysis* and *Plant Response* (#110, #202) used as input to a horticultural matrix-array which selects one of 5 Use-Groups as the one that scores the best, showing 2nd place and statistical score. A well-proven means to identify the probable best-use category of any growing-media product.
6. **ADDITIONAL OR INDIVIDUAL TESTS:**

- **Solvita Maturity Index (Code #105 - $25):** 4 hr CO_2 respiration and NH_3 with CMI calculation.
- **Total Carbon (Code #113a - $30):** for Carbon sequestration and more accurate C:N calculation.
- **Salmonella in Compost by MFLP-75 (#165a - $30.00)**: not for STA eligibility
- **Multi-Day CO_2 Respiration (Code #106 IR - $125)**: IRTH® 24hr to 4-day CO_2 respiration, 1 reading.
- **Particle Size Sieve, Level 1 (Code #109 - $75):** sieving of compost fractions from 3/8" to 2mm.
- **Man-Made Inerts Level 2 (Code #Inerts - $225):** sieve test of particle sizes from 3/4" down to 2mm. Size Groups and Man-Made Inerts Classification (Percentage in plastic, metal, glass, debris).
- **Dewar Self-Heating (Code #203 - $125)**: 5-day self-heating test, European standard
- **PFAS testing using EPA 537 MOD (Code #211a - $400):** for solid sample matrices, cetified by MLAP and NH ELAP
- **PFAS testing using EPA 1633 MOD (Code #211b - $525):** for solid sample matrices, certified by MLAP and NH ELAP

WOODS END LABORATORIES LLC
150 Whitten Rd, Augusta ME 04330 USA
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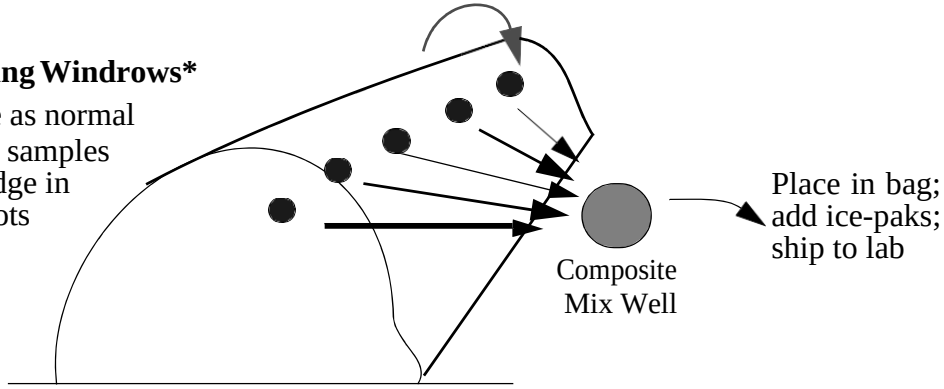
Phone: +1-207-293-2457

SAMPLE PILES THOROUGHLY!

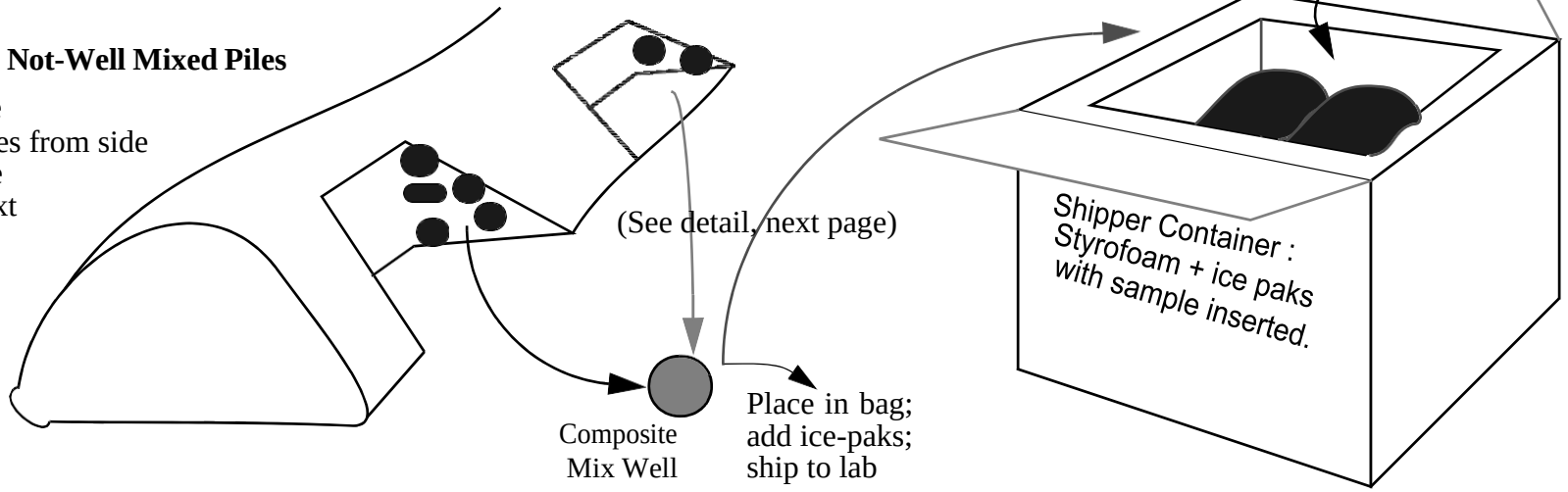
A. Sampling Windrows*

-Mix pile as normal
-Remove samples along edge in 5-10 spots



B. Sampling Not-Well Mixed Piles

-Cut into pile
- Take samples from side exposed edge
- Cut into next location, etc.



Source Of Sample Shipping Containers:

Use your chosen search engine or go to:
- *www.uline.com* 1-800-295-5510
- *Thermosafe.com* 1-866-484-4394

A. Well Mixed Piles* (turned within 4 hours): Take 5 sub-samples each from each side of pile; mix-well in bucket and remove 1-gallon and ship to lab in cardboard/styrofoam containers with ice-packs.

B: Not Well-Mixed piles: Cut cross-section with loader; take 5-sub-samples each from side-wall of cut; repeat operation at 3-5 other locations; remove 1-gallon and ship to lab with ice-packs.

Woods End® Laboratories LLC

* Note - for sealed piles such as Polyflex or Gore-Tex material must be sampled as in Figure A. Double the number of sub- samples to make a composite if no mixing has been done.

SEND SAMPLES TO:

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150 Whitten Road
Augusta ME 04330 USA