Woods End Laboratories LLC
~ a GLP Laboratory ~

SOIL SAMPLE SUBMITTAL FORM
2025 SOIL HEALTH AND FERTILITY

Mail samples to:
Woods End Laboratories
150 Whitten Rd.
Augusta, ME 04330
ph +1-207-293-2457
lab@woodsend.com

**Farm / Organization:		Samples From (Farm Name):	
Contact:		Phone Number:	
Address:		E-mail Reports to:	
City, State, Zip:		Print report requested?	

Payment Information: Check enclosed? ☐ Amount: _____ Credit Card #: _____

Name on card / Sig: _____ Expiration Date: _____ CVV: _____

To pay online click here: **https://solvita.com/product/soil-health-testing/**

	Sample # and Description	Field Location (nearest zip or GPS tag)	Intended Crop	Yield Goal (bu, tons, etc)	100P-OM/TC $85.00	100P-OM $75.00	100P-TC $75.00	100W $55.00	108 $30.00	115 $20.00	Other Tests
1											
2											
3											
4											
5											
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7											
8											
9											
10											

100P **Premium Soil Health Analysis:** Includes Basic Soil Health test plus: P in CO_2 Carbonated Water and K, Na, Ca, Mg, Storage P in Mehlich Extract, pH, C:N ratio (with choice of soil OM or TC, or both)

100W **Basic Soil Health Analysis:** Solvita CO_2-Burst, Solvita SLAN, VAST (Aggregate Stability), WSOC, Nitrate, C:N, Respirant Quotient

108 **Complete Fertility:** Basic Fertility + Ca, Na, Al, Cu, Zn, B, Fe

115 **Basic Fertility:** pH, P, K, Mg, CEC, est. OM, lime recommendations

For an overview of our soil test offerings, please visit https://woodsend.com/soil-health-test/

***Filling out this form constitutes a contract agreement for selected services.**

2025 SOIL HEALTH AND FERTILITY ANALYSIS

Please indicate test option(s) on p1 of Sample Request Form.

1. **BASIC SOIL HEALTH ANALYSIS**: **(Code #100w - $55)** – Solvita CO_2 Burst, Solvita SLAN, VAST (Aggregate Stability), WSOC, Nitrate, C:N, Respirate Quotient.
2. **PREMIUM SOIL HEALTH ANALYSIS w/ OM:** **(Code #100P-OM - $75)** – Includes Basic Soil Health Analysis PLUS: P in CO_2 Carbonated Water, K, Na, Ca, Mg, Al, Storage P in Mehlich Extract, pH, C:N Ratio and Soil OM.
3. **PREMIUM SOIL HEALTH ANALYSIS w/ TC:** **(Code #100P-TC - $75)** – Includes Basic Soil Health Analysis PLUS: P in CO_2 Carbonated Water, K, Na, Ca, Mg, Al, Storage P in Mehlich Extract, pH, C:N Ratio and Soil Total Carbon.
4. **PREMIUM SOIL HEALTH ANALYSIS w/ OM/TC:** **(Code #100P-OM/TC - $85)** – Includes Basic Soil Health Analysis PLUS: P in CO_2 Carbonated Water, K, Na, Ca, Mg, Al, Storage P in Mehlich Extract, pH, C:N Ratio, Soil Organic Matter and Total Carbon.
5. **BASIC FERTILITY:** **(Code #115 - $20)** – pH, P, K, Mg, CEC, est. OM, lime recommendations.
6. **COMPLETE FERTILITY:** **(Code #108 - $30) –** Basic Fertility PLUS: Ca, Na, Al, Cu, Zn, B, Fe.

7. **ADDITIONAL OR INDIVIDUAL TESTS:**

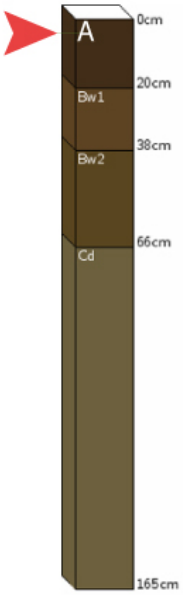
- **TOTAL CARBON (Code #100 TC - $20):** Total Carbon in Soil.
- **TOTAL NITROGEN (Code #100 TN - $15):** Total Nitrogen in Soil.
- **TOTAL ORGANIC CARBON (Code #113 - $25):** Soil Total Organic Carbon.
- **ACTIVE CARBON (Code # 135 - $30):** Active Carbon by Pox-C method
- **SOIL TEXTURE (Code #124 - $25)**: Soil texture by hydrometer and wet sieving.
- **MICRONUTRIENT ANALYSIS (Code #190 - $35)**: B, Fe, Mn, Zn, Cu on ICP (if add to Premium Soil Health, $20).
- **VAST (Code #100V - $15)**: Volumetric Aggregate Stability Test.
- **SLAN (Code #105A - $25):** Solvita SLAN, read by Digital Color Reader.
- **BASAL (Code #105B - $25):** Solvita Basal Respiration test, read by Digital Color Reader.
- **CO_2 BURST (Code #105C - $25):** Solvita CO_2 Burst Respiration test, read by Digital Color Reader.
- **CO_2 BURST / SLAN (Code #105D - $40):** Solvita CO_2 Burst Respiration & Solvita SLAN tests, read by Digital Color Reader.
- **IRTH: Multi-day respiration (Code #106 IR - $125):** Multi-day CO_2 Respiration, 24 hours up to 4 days-1 reading. For a longer time period, please inquire.
- **CEMA 216 BASIC SOIL HEALTH TEST PACKAGE (Code #415 - $160):** Total Organic Carbon, VAST, Active Carbon, Soil Texture, pH 1:1 in water, pH 0.01 M $CaCl_2$, CO_2 Burst (24hr).
- **CEMA 216 MINIMUM SUITE OF SOIL HEALTH INDICATORS (Code #410 - $90):** Total Organic Carbon, CO_2 Burst (24hr), VAST, Soil Texture.

DON'T SEE THE TEST OPTION YOU ARE LOOKING FOR? CONTACT US AT:

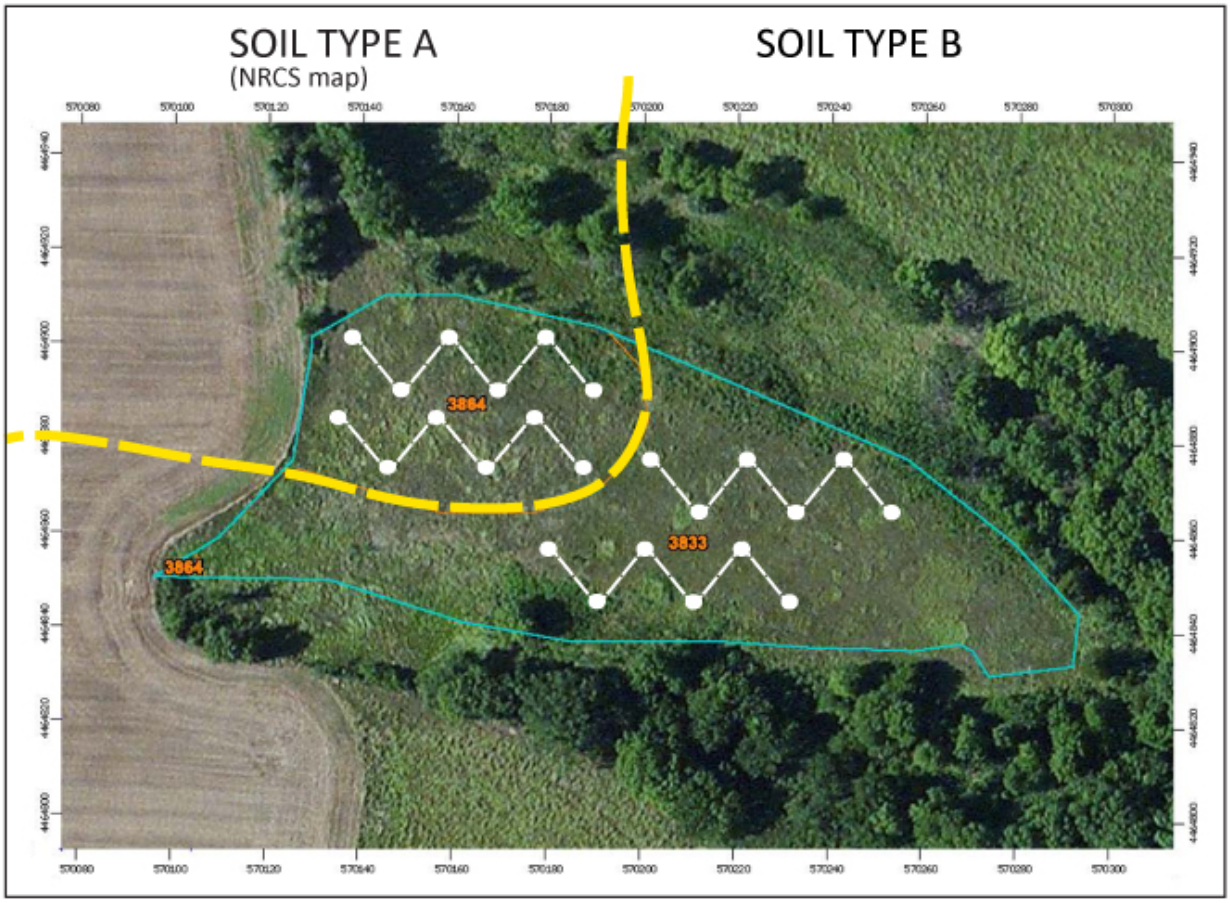
WOODS END LABORATORIES LLC
150 Whitten Rd, Augusta ME 04330 USA
lab@woodsend.com Phone: 1-207-293-2457

Rev 5
2025

HOW TO SAMPLE SOIL FOR TESTING



TO COLLECT A REPRESENTATIVE SOIL SAMPLE: The area sampled should be fairly uniform. As many sub-samples as possible should be taken. If the field is uneven, has differing soil types, or differing management, it is wise to break the area into separate samples. *It may be helpful to consult a soil map to locate soil type boundaries- see links below for online maps. We will provide this service to you in advance if you wish.* If Grid Sampling is used some of this natural variation is segmented into smaller blocks but each block must be thoroughly sub-sampled. The example below from an actual soil map shows how to split sampling a field with two soil types. Within each zone, select a minimum of 12 locations (dots shown on map). Take a topsoil sample at each point (A-Horizon - see figure right from soil app). *In some cases, sampling the "sub-soil" or B-horizon is also useful; this should be separately marked*. Mix the individual soils well from all sub-samples within each area and combine into one sample of about 1-pint to fill a soil sample bag. Place it in a container for mailing. INDICATE DEPTH THE SAMPLE WAS TAKEN AND THE TYPE OF TOOL USED TO OBTAIN THE SAMPLE.



MAP - NRCS SOIL MAP TOOL: http://websoilsurvey.sc.egov.usda.gov/App/HomePage.htm

Alternate mapping: https://casoilresource.lawr.ucdavis.edu/gmap/