Soil Testing Form – Biosolids & Septage Spreading

Instructions:
- Soil sampling instructions, test descriptions and crop codes are on page 2.
- Please print legibly.
- Please give each sample a unique name.
- Make checks payable to “UNH Cooperative Extension”
- Please allow 3 WEEKS for test results.

Name: ___________________________ Business/Farm: ___________________________ County: ___________________________
Address: ___________________________ City: ___________________________ State: ______ Zip Code: ___________________________
Email: ___________________________ Phone: ___________________________ FAX: ___________________________

Receive Test Results by (choose one): Email Mail
Payment Type: Cash Check

<table>
<thead>
<tr>
<th>UNH ID # Leave blank</th>
<th>Sample Name</th>
<th>Date &amp; Time Sampled</th>
<th>Crop to be Grown*</th>
<th>Yield Goal (# of cuttings, tons/acre)</th>
<th>Cover Crop*</th>
<th>Previous Crop</th>
<th>Field Size (# acres)</th>
<th>Field Soil Test $20</th>
<th>Micro-Nutrients $8</th>
<th>Heavy Metals Package $70</th>
<th>TOTAL Sample Cost:</th>
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* List codes for all crops for which you would like recommendations. See list on back of page. ** Cover crops codes are on the back page.

Mail Samples to:
UNH Cooperative Extension
Soil Testing Service
34 Sage Way
Durham, NH 03824

Questions? Call 603-862-0509
Email: soil.testing@unh.edu
Visit:extension.unh.edu

Nutrient Types - □ Biosolids (A) □ Biosolids (B) □ Septage □ Other □ None  Nutrient Form - □ Anaerobic □ Lime stabilized □ Composted □ Other

Time of Application? □ Spring □ Summer □ Fall

Nutrient Application History - Last year ________________________ tons/acre □ gal/acre. 2 years ago ________________________ tons/acre □ gal/acre

See next page
Soil Testing Form – Biosolids & Septage Spreading— Page 2

Sampling instructions
The soil sample should be representative of the area for which you want recommendations. Avoid areas that have an obvious difference in soil type, drainage, or plant growth. Take samples from 15-20 locations throughout the field and combine in a bucket.

Each sample should be taken from a depth of 6-8”. The sample can be taken with a spade, shovel, trowel, soil probe or auger.

Mix well, air dry, and remove stones and other debris. Submit ONLY 1 cup of dry soil in a clean zip-lock bag for testing. Name each sample and label each bag clearly (e.g. “side field”, “back field”, etc.).

Test descriptions
Field Soil Test includes organic matter content, extractable calcium, magnesium, potassium, and phosphorus, along with pH and Mehlich lime buffer pH. Results include calculated Cation Exchange Capacity (CEC), base saturation and phosphorus saturation. This test is required for land application of biosolids or septage.

Micronutrients includes extractable copper, iron, manganese and zinc.

Heavy Metals Package includes cadmium, chromium, copper, lead, nickel & zinc in soils using EPA methods.

Crop Codes
1 – corn silage  6 – alfalfa (established)  11 – grass (new planting)- hay  16 – soybeans
2 – corn grain  7 – clover grass (new planting) - hay  12 – grass (established) - hay  17 – small grains
3 – alfalfa grass (new planting)  8 – clover grass (established) - hay  13 – grass (new planting) - pasture  18 – other
4 – alfalfa grass (established)  9 – clover grass (new planting) - pasture  14 – grass (established) - pasture  19 – none
5 – alfalfa (new planting)  10 – clover grass (established) - pasture  15 – summer annuals

Cover Crop Codes
1 - none  2 - winter rye  3 - oats  4 - legumes