



Mail or Bring Samples to:

UNH Cooperative Extension Spaulding
Hall – Room G28 38 Academic Way
Durham, NH 03824

Questions? Call 603-862-3200

Email: soil.testing@unh.edu

Visit: extension.unh.edu/diagnostics

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 FAX

Payment Type: Cash Check Account

UNH ID # Leave blank	Sample Name	Crop to be Grown*	Yield Goal (# of cuttings, tons/acre)	Cover Crop**	Previous Crop	Field Size (# acres)	Field Soil Test \$20	Micro-Nutrients \$8	Heavy Metals Package \$70	TOTAL Sample Cost:
* 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.									TOTAL COST:	

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

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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