



Soil Testing Form - Commercial Fruit

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.

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

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

UNHCE ID# (leave blank)	Sample Name	# Acres or # Sq Ft or # Trees/Vines (specify)	Crop Codes*	Preplant, Non-Bearing or Bearing?	Optional: Yield in Bu/acre or lb/acre (specify)	Certified organic? (Y/N)	Field Soil Test \$16	% Organic Matter \$4	Micro- nutrients \$8	pH ONLY \$8	TOTAL Sample Cost:
* List codes for all crops for which you would like recommendations. See list on back of page. If growing in a high tunnel consider using the 'high tunnel test' form.										TOTAL COST:	

Recent manure or compost applications may reduce the amount of fertilizer recommended. If you have recently applied (within the past year) OR intend to apply manure, please describe type of manure or compost, nutrient analysis (if known), and rate applied to each:

*If you have **recently applied** (within the past year) OR **intend to apply** lime or wood ash, please specify the date and rate applied to each sample:*

Is this test for (check one) _____ routine fertilizer recommendations? _____ diagnosis of a problem?

If this test is being used to diagnose a problem, or if you have other comments, please explain:

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 or garden and combine in a bucket.

Each sample should be taken from a depth of 4-8" for fruit crops. 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 garden", etc.).

Test descriptions

Field Soil Test includes conventional fertilizer recommendations, macronutrients (calcium, magnesium, potassium, phosphorus), & pH.

Organic Matter includes the % organic matter content.

Micronutrients includes extractable copper, iron, manganese and zinc.

Crop Codes:

- 1 – Apple
- 2 – Blueberry (highbush)
- 3 – Blueberry (lowbush)
- 4 – Raspberry & Blackberry
- 5 – Strawberry (matted row)
- 6 – Strawberry (annual)
- 7 – Grape
- 8 – Peach & Nectarine
- 9 – Cherry
- 10 – Plum
- 11 – Pear

Soil Testing vs. Plant Tissue Testing for Fruit Crops

Because soil pH greatly impacts the growth of fruit crops, it is very important to test the soil before establishing a new planting of a perennial fruit crop. For established plantings, we recommend soil *and* plant tissue testing every 2-3 years to diagnose problems, to monitor soil pH, and to help refine your fertility management plan.

Why consider plant tissue testing? For established perennial fruit plantings, research has shown that testing plant leaf nutrient levels is a more reliable indicator of plant nutrient status than soil testing. Leaf samples for plant tissue tests are taken during the growing season. For reliable results, it is important to take leaf samples at the recommended time for each specific crop. To learn more, see our plant tissue testing form, available at:

<http://extension.unh.edu/Soil-Testing-0>