



**Client Information**

|                     |                    |
|---------------------|--------------------|
| Name                | Farm/Business Name |
| Address             | County             |
| Town, State and Zip | Phone              |
| Email               | Fax                |

**(Optional) Additional Copies to:**

|              |                     |
|--------------|---------------------|
| Copy Name    | Email Address       |
| Copy Address | Town, State and Zip |
| Phone        | Fax                 |

**I prefer to receive test results by (Please select only one):**  Mail  Fax  Email

**Please Note:** In order to receive the soil report in the format noted above please make sure that the appropriate information (fax number, email address) has been included.

**Sampling Directions**

For instructions on taking tissue samples please see the last page of the sample application form.

**Sample Summary**

|                                     |                       |
|-------------------------------------|-----------------------|
| <b>Number of Samples submitted:</b> | <b>Total Cost \$:</b> |
|-------------------------------------|-----------------------|

**Payment Type:**  Check  Cash  Account Please make checks payable to "UNH Cooperative Extension"

**Contact Information**

Mail or deliver samples to the  
UNH Cooperative Extension  
at the following address:

**University of New Hampshire Cooperative Extension**  
38 Academic Way  
G28 Spaulding Hall  
Durham, New Hampshire 03824  
603-862-3200  
<http://extension.unh.edu/Agric/AGPDTS/SoilTest.htm>

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New Hampshire counties cooperating.

**Form Instructions.** Please fill out the form as completely as possible. In order to differentiate your samples, all samples submitted must have a unique name.

**Sample Name:**

**Test Reasons:**  Routine  Problem Diagnosis **Organic Recommendations:**  No  Yes

**Description of problem/specific questions:**

**Tree Fruit Information**

**Crop:**  Apple  Peach  Pear

**Variety(s) Sampled:**

**Yield:** (bushels per acre)

**Tree Density:**  Less Than 100 Trees/A  101 - 250 Trees/A  250 - 500 Trees/A  > 500 Trees/A

**Root Stock (apple only):**  Semidwarf (M.111, M.7, M.106)  Dwarf (M.26, Interstem, Mark)  Very Dwarf (Bud9, M.9, M.27)

**Small Fruit Information**

**Crop:**  Strawberries  Raspberry  Blackberry  
 Grape  Highbush Blueberry  Lowbush (wild) Blueberry

**Additional information for both Tree and Small Fruits samples**

**Size of Planting:** (Acres) OR (bushes/trees/vines)

**Plant Age:**  1 year  2 - 4 years  5 - 7 years  >7 years

**Plant condition:**  Healthy  Unhealthy

**(if unhealthy, describe)**

**This year's approximate yield:**  Light  Average  Heavy

**This year's average terminal growth (in inches):**

**Growth is:**  Too vigorous  Excellent  Fair  Poor

**Approximate date of last soil test:** **Soil pH:** (at last test)

**Recent Fertilization/Amendments** (Include all fertilizers, lime, and sulfur)

| Amendment<br>(e.g. compost, manure, ammonium nitrate) | Brand or Supplier<br>(e.g. Agway, Scotts) | Analysis<br>(e.g. 10-10-10, 34-0-0, 1-1-1) | Amount<br>(specify per acre or per bush/tree/vine) | Application Method<br>(drip, incorporated, broadcast, foliar feed) | Application Date |
|---|---|--|--|--|------------------|
|   |   |  |  |  |                  |
|   |   |  |  |  |                  |
|   |   |  |  |  |                  |
|   |   |  |  |  |                  |

**Tests** (select the test(s) for the sample!)

Plant Tissue Test (F6 - \$26) **Total Sample Cost:**

## DIRECTIONS FOR TAKING A PLANT TISSUE SAMPLE

### LEAF SAMPLING TIPS

- In general, it is usually best to sample many plants (with only a few leaves from each plant) rather than sample many leaves from only a few plants.
- Select the youngest, fully developed (mature) leaves for analysis. Do not select leaves from plants which are mechanically damaged, insect damaged, diseased or dead. Avoid leaves from border plants or leaves which are fully shaded by other foliage. Do not sample plants that have been under prolonged stress.
- Avoid leaf samples which are contaminated with soil or dust or which have been recently sprayed. In general, plant leaves which have been exposed to normal rainfall are sufficiently clean for analysis. Leaf samples can be washed briefly in a 2% non-phosphorus detergent solution and then rinsed carefully with clear water: however, in many situations the cleaning may do more harm than good.
- If you are trying to diagnose a problem and are sampling plants that are showing an abnormal symptom, follow the above directions, but sample only from plants showing the problem.

### CROP INFORMATION

- **Blueberries:** sample at least 40 leaves from 10-20 plants during first week of harvest.
- **Strawberries:** sample at least 40 first fully expanded leaves after renovation from 10-20 plants.
- **Brambles:** sample at least 60 leaves from 10-20 non-fruiting canes during early-mid August.
- **Grapes:** sample 50-75 of the youngest full-expanded leaves from 10-20 vines at veraison (70 days after bloom, as the first fruit ripens). Separate petioles (leaf stems) from leaves, and send only the petioles for analysis.
- **Tree fruits:** sample 5 leaves from each of 10 trees from late July through early August. Select shoots at eye-level from around the outside of the trees that make a vertical angle of 45-60 degrees to the ground (avoid water shoots or suckers). Collect leaves from the mid-portion of new shoot growth.
- **Tomatoes:** sample the youngest fully expanded leaflet from 8-10 plants.
- **For other crops:** please call ahead (603-862-3200) to determine the correct sampling procedures.

### POST SAMPLING INFORMATION

**AFTER COLLECTION:** Samples should be placed in paper bags and air dried (turn the bag frequently) or dried at 200 degrees fahrenheit.

Send or deliver your sample to the address on the front of this form: It should be accompanied by:

1. Your completed sample information sheet.
2. A securely attached tag identifying the sample.
3. Payment

**NOTE:** *Postal regulations do not permit sending of soil or leaf samples in letter style envelopes. Please use manila envelopes, padded mailers, or boxes.*