

# Maine Soil Quality Test Package

## Sample Information Form

Customer Name:
Mailing Address:
City, State, Zip:
clearly print email address:

<u>ship to:</u>
<b>Maine Soil Testing Service</b>
<b>5722 Deering Hall</b>
<b>University of Maine</b>
<b>Orono ME 04469-5722</b>
Price for Soil Quality Analysis: \$50/Sample
List payment enclosed:

Field name:
Sample date:
List Next crop (see page 2):
Please list rotation sequence (including cover crops):
If currently in cover crop, when was it seeded:
Manure(M) or Compost(C) last applied:

### Soil factors evaluated:

Chemical - pH, Available nutrients (Standard Soil Test + Nitrogen)

Biological - Organic matter, Microbial Biomass/Active C, Potential Nitrogen supply

Physical - Texture, Aggregate stability, Plant-available water, Hardness (in-field)

For additional information, call (207) 581-2945.

### Penetrometer Readings

0-6 in. psi reading	6-12 in. psi reading	Depth to 300 psi (in.)
1)		
2)		
3)		
4)		
5)		
6)		
7)		
8)		
9)		
10)		
11)		
12)		

### Instructions:

- 1) Sampling for Soil Quality is done only during the growing season (May-Sept).
- 2) Soil must have workable moisture content. if it is too wet for equipment, it is too wet to sample!
- 3) It is highly recommended you take penetrometer readings when soil sampling .  
 Compaction is a very important physical property that must be measured in the field.  
 Check with your county Extension, NRCS, or SWCD office for availability of a penetrometer.
- 4) Sample the top 6 inches of soil into a clean plastic bucket, using a trowel, bucket auger or shovel.  
 To minimize disruption to aggregates, avoid using small diameter soil probes or augers.
- 5) Combine a dozen evenly-distributed locations in the field for an overall composite.
- 6) Take penetrometer readings at each location and record on this form. Repeat if you hit a rock.
- 7) Tumble mix the composite soil sample by rolling the bucket on its bottom rim. Remove rocks.
- 8) Fill and label 2 regular soil boxes with the mixed sample. Do not pack the soil in the boxes.  
 Do not dry the soil before shipping. You may also use a gallon plastic bag, filled 1/2 full.
- 9) Send the mixed sample with this form to the address at the top. No special handling is needed.

**Please allow 4-5 weeks for return of test results and report.**



**AGRONOMIC CROPS****CODE NO.**

- 101 Alfalfa (Over 50% stand) – Established
- 151 Alfalfa/Grass – new seeding
- 102 Clover (Over 50% stand) – Established
- 152 Clover/Grass – new seeding
- 104 Grass hay or haylage – 1 crop – Established
- 105 Grass hay or haylage – 2 crops – Established
- 154 Grass only (no Legumes) – new seeding
- 106 Pasture – Topdress
- 155 Oats only (without forage seeding) or oats  
underseeded with clover, plowed down  
next spring
- 156 Barley only (without forage seeding)
- 157 Spring Wheat only (without forage seeding)
- 167 Winter Wheat only (without forage seeding)
- 158 Winter Rye only (without forage seeding)
- 159 Buckwheat
- 160 Soybean/Lupin
- 161 Sudangrass or Sorghum-Sudan hybrids
- 163 Millet
- 164 Corn silage
- 166 Corn grain
- 165 Sunflower
- 170 Conservation seeding or Wildlife food plot
- 175 Brassica Forage (rape turnip, typhon)
- 177 Canola

**TURF****CODE NO.**

- 201 Lawn, Playground – Existing
- 202 Baseball field, Golf Fairway – Existing
- 203 Football, Field Hockey, Soccer – Existing
- 205 Golf green or tee – Existing

- 211 All Turf – new seeding

**COMMERCIAL VEGETABLES  
(MORE THAN ONE ACRE)****CODE NO.**

- 302 Bean – Dry or Snap
- 304 Beets
- 305 Broccoli or Cauliflower (transplants only)
- 335 Broccoli (direct seeded only)
- 336 Cauliflower (direct seeded only)
- 306 Brussell Sprout, Cabbage
- 308 Carrot, Parsnip
- 310 All Vines – Cucumber, Gourd, Muskmelon,  
Pumpkin, Squash, Watermelon
- 311 Niteshades – Eggplant, Pepper, Tomato
- 313 Lettuce      324 Sweet Corn
- 315 Onion      328 Roadside Stand (mix)
- 317 Pea      329 Asparagus (to be planted)
- 322 Spinach      330 Asparagus (established bed)
- 321 Radish, Rutabaga, Turnip

**NON-ORGANIC GARDENS  
(LESS THAN 1 ACRE)****CHEMICAL  
FERTILIZER****CODE NO.**

- 391 Home garden vegetables, strawberry, and raspberry
- 393 Home tree fruit

**ORGANIC GARDENS  
(COMMERCIAL & HOME)****NON-CHEMICAL  
FERTILIZER****CODE NO.**

- 392 All vegetables, strawberry, raspberry, and flowers

**COMMERCIAL FRUITS  
(MORE THAN ONE ACRE)****CODE NO.**

- 401 Apple (new plantings only)
- 404 Raspberry / Grape – Established bed
- 405 Raspberry / Grape – To be planted
- 406 Strawberry – Established bed
- 407 Strawberry – To be planted
- 408 Stone fruit
- 409 Highbush Blueberry – To be planted
- 410 Highbush Blueberry – Established bed
- 411 Cranberry – To be planted
- 412 Cranberry – Established bog

**FORESTRY****CODE NO.**

- 601 Forestry – General
- 602 Forestry – Christmas Trees
- 603 Forestry – Nursery

**COMMERCIAL POTATOES****PROCESSING AND SEED POTATOES****CODE NO.****After heavy red clover or alfalfa green manure**

- 501 Early and low-nitrogen varieties
- 504 Mid-season varieties (includes Shepody)
- 502 Russet Burbank
- 503 Late-season varieties

**After underseeded grains, non-legume green manures, broccoli, or old sod**

- 506 Early and low-nitrogen varieties
- 509 Mid-season varieties (includes Shepody)
- 507 Russet Burbank
- 508 Late-season varieties

**After grains (no underseeding), or replanted potatoes**

- 511 Early and low-nitrogen varieties
- 514 Mid-season varieties (includes Shepody)
- 512 Russet Burbank
- 513 Late-season varieties

**TABLE STOCK POTATOES****CODE NO.****After heavy red clover or alfalfa green manure**

- 516 Early and low-nitrogen varieties
- 519 Mid-season varieties
- 517 Russet Burbank, Russet Norkotah, Superior
- 518 Late-season varieties

**After underseeded grains, non-legume green manures, broccoli, or old sod**

- 526 Early and low-nitrogen varieties
- 520 Mid-season varieties
- 527 Russet Burbank, Russet Norkotah, Superior
- 528 Late-season varieties

**After grains (no underseeding), or replanted potatoes**

- 529 Early and low-nitrogen varieties
- 521 Mid-season varieties
- 530 Russet Burbank, Russet Norkotah, Superior
- 531 Late-season varieties

**ORNAMENTALS  
(CHEMICAL FERTILIZER ONLY)****CODE NO.**

- 701 Annuals: Flower beds, Cut Flowers
- 702 Roses and other perennials
- 704 Azalea, rhododendron, and other acid-loving plants
- 705 Other shrubs
- 706 Shade Trees (Maple, etc.)
- 707 Evergreens (Pine, Spruce)