

**Home Soil Submission Sheet**

2026 Front

Print clearly, to not delay results

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Address: \_\_\_\_\_

Cash or CC in person Receipt#: RWILL\_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Check # \_\_\_\_\_ Payable to 'University of Tennessee'

County (Soil is from) \_\_\_\_\_ +

**Pay online at: [tiny.utk.edu/sampleanalysis](http://tiny.utk.edu/sampleanalysis)**

Phone: \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_

Online order #: \_\_\_\_\_

Email: \_\_\_\_\_

**Or pay in office: credit card, check, exact cash**

DASH department name and string (at least to dept #)  
 For UT System transfer only

**Provide, at least, one heaping full cup of soil.  
 If potting media or compost filled bed, ½ gallon**

Sample Name <i>Such as: 1,2,A,B *Max 6 characters*</i>	Sample Description <i>Optional (Lawn, Front, Barn) Max 10 characters</i>	Plants to grow or are growing <i>Use plant codes below</i>				Test options						Lab ID <i>(Lab creates this number)</i>	
		1	2	3	4	\$20	\$20	\$10	\$30	\$40	\$35		
						Soil pH and Nutrients	Organic Matter	Soluble Salts	Texture	Heavy Metal			

Unclaimed samples, or samples without complete paper work and payment will be discarded after 40 days.

**Plant Codes**

**Lawn** Fescue L  
 Bermuda, zoysia LB

**Shrubs** Acid loving ORALS  
 Nonacid loving ORNAS

**Bulbs** Spring SB  
 Fall FB

**Vegetable garden** G  
*(Covers most common vegetables)*

**Flowers** Annual FA  
 Perennial FP

**Roses** ROSE  
**Ground covers** ORGC

**Berries** On back...

**Shade trees** ORST

**Fruit trees** On back...

**Tests options**

**Soil pH and Nutrients** \$20 -- most common --

*Fertilizer and lime recommendations are included.*

**Heavy Metal Screening** \$40

*Screening for lead, arsenic, cadmium, chromium, and zinc.*

*14 business day turn around time on HM test.*

**Potting media / compost** \$35 -- Need ½ gallon of soil for this test --

*For use with potting media or >75% compost filled raised/flower beds.*

**Organic Matter** \$20

*Tells you the percent organic matter in the soil.*

**Soluble Salts** \$10

*Helpful after winter with salted driveways/sidewalks.*

**Texture (USDA)** \$30

*Tells you the percent sand, silt and clay in your soil.*

For plants dying, consider a plant diagnostic sample.

[soillab.tennessee.edu/plant-pests](http://soillab.tennessee.edu/plant-pests)

<sup>†</sup> UT Extension collects and summarizes sample data for research and extension education purposes. By submitting you, or your agent, agree to this action.

Programs in agriculture and natural resources, 4-H youth development, family and consumer sciences, and resource development.

University of Tennessee Institute of Agriculture, U.S. Department of Agriculture and county governments cooperating.

UT Extension provides equal opportunities in programs and employment.

# Additional plant codes and information

## More on the extra tests

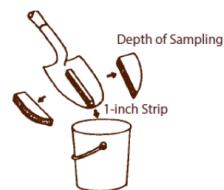
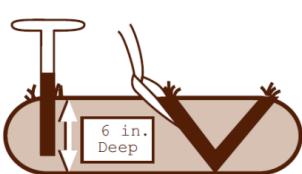
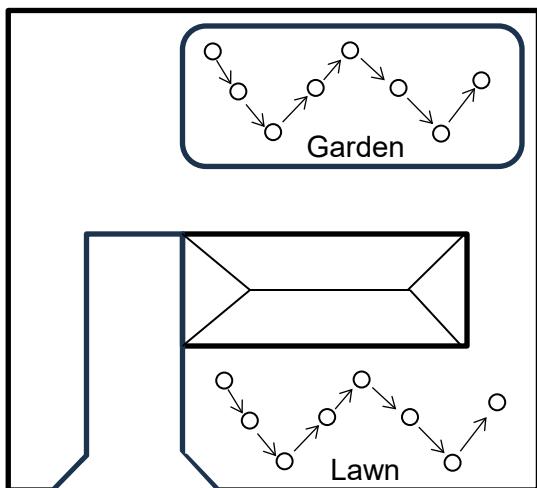
**Organic matter** – Tells you the percent organic matter in the soil. Does not change the fertilizer recommendations. Mostly used by landscape architects and contractors to show they put down soil meeting certain OM percentages.

**Soluble salts** – Helpful after salting sidewalks and driveways if you start to see plants and turf beside them die in early Spring. They are soluble so sampling in the late Spring or Summer is too late.

**Texture** – Tells you the percent sand, silt and clay in your soil. You already know the texture family by feeling the soil (sand, loamy, clay, etc..) Texture changes by depth, and you cannot really change it. Adding organic matter helps heavy silt and clay soils. Mostly used by landscape architects and contractors to see what is in the soil they bought or are selling.

**Heavy metals** – Helpful for homes before the 1980's with outside painted walls, or homes built on old orchards. Sample either within 10 feet of the painted walls, or where the garden is going to be.

## Sampling



Mix spots in a bucket to get an average of the lawn or garden

## Fruit and Nut Crop Codes

Apple and pear	H_AP
Blueberry	H_BB
Raspberry	H_R
Blackberry/Dewberry	H_BD
Grape	GM
Peach & Nectarine	H_PN
Tart Cherry & Plum	H_CP
Pear	H_AP
Pecan & othernuts	H_NP
Strawberry	H_SB

If not listed, please write the common plant name.

## Potting media / compost filled beds

The container media test is for raised beds or potting soils that are filled with "mineral-less" soil, such as compost, mulch, moss, pine fines, or other plant-based fill material.

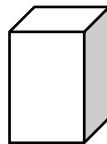
This test method is different from mineral soils.

## Sample size

We need at least one cup to have enough soil to test, two cups is safe. More is always better.

If you have a soil box, fill it with soil, no turf or rocks needed.

For help with picturing how much soil we need, think about Filling...



Full soil box



¾ full quart bag



Full standard mug

For container media, we need  $\frac{1}{2}$  gallons worth of soil or TWO soil boxes worth.

## Plants or turf dying

For plants or turf dying, please consider a plant diagnostic sample.

[soillab.tennessee.edu/plant-pests](http://soillab.tennessee.edu/plant-pests)

Routine soil testing does not test for diseases, pesticides, compaction, or drainage problems.