UConn Soil Nutrient Analysis Laboratory
6 Sherman Place, Unit 5102, Union Cottage
Storrs, CT 06269-5102
860-486-4274
www.soiltest.uconn.edu

UCONN
COLLEGE OF AGRICULTURE, HEALTH AND NATURAL RESOURCES
PLANT SCIENCE AND LANDSCAPE ARCHITECTURE

Form For: Home Grounds, Landscapers* and Lawns*

See soil sampling instructions. Fill out this sheet and place in mailing envelop or small box along with your sample and a check made payable to UConn for the appropriate amount. Send to the above address.

Contact Information:	
Name:	
Business name:	
Address	
City, State, & Zip:	
Phone:	County, if CT:
Email:	

RESULTS
Check one
☐ Mail
☐ E-Mail

	sample ID (you create max 9 characters)	**Crop code (see list) 3**	**Limit**	**LAB #**	**pH**	**Buffer pH**	**Standard Nutrient Analysis $12 (includes pH)**	**Fee for extra tests (if requested)**	**Total Cost**
1									
2									
3									
4									
5									

Office use only
Received
check #
cash

Total Enclosed (Check payable to UConn) $

If you have specific problems that you want addresses by the horticulturists at the UConn Home & Garden Education Center, describe them here or on a separate sheet:

If submitting more than 5 samples, fill out and print **ADDITIONAL SOIL SAMPLES FORM**

If requesting additional tests, like organic matter or soluble salts, fill out **ADDITIONAL TEST FORM**

***Discount Policy for Commercial** landscapers/lawn care companies submitting samples in bulk

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SOIL SAMPLING INSTRUCTIONS

FOR HOMEGROUNDS, LANDSCAPERS & LAWNS

Note: Soil tests aid in diagnosing only those problems resulting from a lack or excess of certain plant nutrients and/or incorrect soil pH (level of acidity or alkalinity). Other factors that may adversely affect plant growth include soil drainage, rainfall, amount of sunlight, insects, plant diseases, weeds, winter injury and misuse of pesticides or other chemicals. None of these is identified by a soil test. For questions on these types of problems, contact the UConn Home & Garden Education Center at (877) 486-6271 or the UConn Plant Diagnostic Lab.

You typically will receive soil test results and fertilizer recommendations within 7 to 10 business days from receipt of your sample except during our busy months of April and May when it may take 14 business days or more. **Do not apply more than the recommended amount of fertilizer.** Too much nitrogen and/or phosphorus can pollute ground and surface waters.

Limestone and fertilizer recommendations based on improperly taken soil samples may be inaccurate and possibly, harmful to plants. Follow the instructions below to obtain a **representative sample**. Submit **one cup** of soil for the standard nutrient analysis and **two cups** if additional tests, like organic matter or soil texture, are also requested.

Filling out the soil sample submission form:

1. Please fill out the homegrounds, landscapers & lawns submission form to accompany your sample(s) and print it. It is especially important to list the **crop codes** for which recommendations are wanted. We cannot make recommendations without knowing the crop being grown.

2. Areas differing in appearance, slope, drainage, limestone or fertilizer treatments or intended plant usage should be sampled and tested separately. Examples:

    a. The lawn should be sampled separately from the vegetable garden.
    b. The blueberry patch should be sampled separately from the perennial garden.
    c. Areas under shade trees should be sampled separately from the lawn surrounding them.
    d. That portion of the vegetable garden recently limed or fertilized should be sampled separately from the portion not limed or fertilized.
    e. Wait one month after compost or manure is added to garden beds before testing the soil.
    f. The upslope, dry part of the lawn should be sampled separately from the downslope, wet part of the lawn.

g. Areas around shrubs should be sampled separately from the lawn.

3. Where poor growth exists, take samples from both the good and bad areas, if possible, and submit them separately.

4. If there is a question you would like the horticulturists at the UConn Home & Garden Education Center to address, please list it on the bottom of the form or on a separate sheet of paper.

5. Commercial lawn care professionals or landscapers submitting 10 or more soil samples at one time may be interested in our **multi-sample discount policy.**

When and how to sample:

1. Samples may be collected any time of year the ground is not frozen. The waiting period for results is longest in April and May. Testing the soil in the fall is highly recommended.

2. Using a spade, trowel or bulb planter, collect cores or thin slices of soil from 10 or more random, evenly distributed spots in your sample area, to the appropriate depth indicated.

a. Grass	3 to 4 inches
b. Flowers, vegetables, small fruits	6 to 8 inches
c. Trees and shrubs	8 to 10 inches

3. Put the slices or cores of soil into a clean container and thoroughly mix them. Transfer at least **ONE CUP** of the soil mixture to a plastic zippered bag and seal.

4. Label each plastic bag on the **outside** (using a permanent marker) with the name of the sample area (sample ID).

5. Place the plastic bag in a mailing envelop or small box along with the sample submission form and a check made payable to University of Connecticut ($12/sample for standard nutrient analysis) and mail it to:

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Crops	Crop Codes
Home Landscapes/Lawns	
New Lawn Constuction	HL1
Established Lawn	HL2
Home Vegetable Mixed	HV1
Home Vegetable Cucurbits	HV2
Home Vegetable Sweet Corn	HV3
Home Vegetable Peppers & Herbs	HV4
Home Vegetables Potatoes	HV5
Flowers - Annuals, Perennials, Bulbs & Grasses	HFL1
Roses	HFL2
Wildflowers/Ferns	HFL3
Deciduous Trees & Shrubs	HW1
Needleleaf Trees & Shrubs	HW2
Broadleaf & Acid-Loving Trees & Shrubs	HW3
Groundcovers	HW4
Vines	HW5
Home Fruit - Blueberries To Be Planted	HFR1E
Home Fruit - Blueberries Maintain	HFR1M
Home Fruit - Brambles, Currants & Gooseberries To Be Planted	HFR2E
Home Fruit - Brambles, Currants & Gooseberries Maintain	HFR2M
Home Fruit - Strawberries To Be Planted	HFR3E
Home Fruit - Strawberries Maintain	HFR3M
Home Fruit - Grapes, American To Be Planted	HFR4E
Home Fruit - Grapes, American Maintain	HFR4M
Home Fruit -Grapes, European To Be Planted	HFR5E
Home Fruit - Grapes, European Maintain	HFR5M
Home Fruit - Tree Fruits To Be Planted	HFR6E
Home Fruit - Tree Fruits Maintain	HFR6M
Commercial Fruit/Vegetable/Nursery Crops	
Apples - To Be Planted	FAE
Apples - Maintenance	FAM
Blueberries - To Be Planted	FBE

Blueberries - Maintenance	FBM
Grapes: American - To Be Planted	FGAE
Grapes: American - Maintenance	FGAM
Grapes: European - To Be Planted	FGEE
Grapes: European - Maintenance	FGEM
Hops - To Be Planted	FHE
Hops - Maintenance	FHM
Pears - To Be Planted	FPEE
Pears - Maintenance	FPEM
Brambles/Gooseberries/Currants -To Be Planted	FRE
Brambles/Gooseberries/Currants - Maintenance	FRM
Stone Fruit - To Be Planted	FSFE
Stone Fruit - Maintenance	FSFM
Strawberries - To Be Planted	FSTE
Strawberries - Maintenance	FSTM
Asparagus - To Be Planted	VASE
Asparagus - Maintenance	VASM
Basil	VBA
Beans: Dry/Snap/Lima	VBEA
Beets, Swiss Chard	VBEE
Broccoli	VBR
Cabbage, Cauliflower	VCAB
Carrots, Parsnips	VCAR
Celery	VCE
Collards	VCO
Cucumbers, Melons	VCU
Eggplant	VEG
Garlic	VGA
Leafy Greens	VLEA
Lettuce	VLET
Mixed Vegetables	VMIXED
Muskmelon	VMU
Onions, Leeks	VON
Ornamental Corn	VORC
Ornamental Gourds	VORG
Peas	VPEA
Peppers	VPEP
Potatoes Scab Resistant	VPO1
Potatoes Scab Susceptible	VPO2
Pumpkins	VPU
Radishes	VRA

Rhubarb - To Be Planted	VRHE
Rhubarb - Maintenance	VRHM
Spinach	VSP
Squash	VSQ
Sweet Corn, Early	VSWE
Sweet Corn, Full Season	VSWF
Tomatoes	VTO
Rutabagas, Turnips	VTU
Watermelon	VWA
Nursery Trees & Shrubs, Deciduous-To Be Planted	N2E
Nursery Trees & Shrubs, Deciduous-Maintenance	N2M
Nursery Trees, Fir-To Be Planted	N3E
Nursery Trees, Fir-Maintenance	N3M
Nursery Trees, Pine-To Be Planted	N4E
Nursery Trees, Pine-Maintenance	N4M
Nursery Trees, Spruce-To Be Planted	N5E
Nursery Trees, Spruce-Maintenance	N5M
Nursery Trees & Shrubs, Broadleaf Evergreen-To Be Planted	N6E
Nursery Trees & Shrubs, Broadleaf Evergreen-Maintenance	N6M
Christmas Trees-To Be Planted	N7E
Christmas Trees-Maintenance	N7M
Cut Flowers	N8

Agronomic Crops

Corn for Silage, specify expected yield	1A
Corn for Grain, specify expected yield	1B
Sorghum-sudan, Sudangrass, Sunflower	1C
(Small Grains) Oats, Barley, Rye, Wheat, Triticale, Millet	1D
Dry Beans, Peas, Buckwheat	1E
Soybeans	1F
Alfalfa Seeding	2AE
Alfalfa Maintenance	2AM
Clover/Trefoil; 60-100% legume-Seeding	2BE
Clover/Trefoil; 60-100% legume-Maintenance	2BM
Grass Hay/Orchard/Reed Canary/Tall Fescue/Ryegrass Seeding	2CE
Grass Hay/Orchard/Reed Canary/Tall Fescue/Ryegrass Maintenance	2CM
Grass Hay/Timothy Seeding	2DE
Grass Hay/Timothy Maintenance	2DM
Grass Pasture Seeding	3AE
Grass Pasture Maintenance	3AM
Grass Pasture Intensively Managed	3AMI

Horse Pasture Seeding	3BE
Horse Pasture Maintenance	3BM
Mixed Legume – Grass Pasture Seeding	3CE
Mixed Legume – Grass Pasture Maintenance	3CM
Conservation Planting-Warm Season Grasses-Seeding	4AE
Conservation Planting-Warm Season Grasses-Maintenance	4AM
Conservation Planting-Wildlife Food Plot	4BE