

HOMEOWNER DIAGNOSTIC SOIL TESTING **N.C. ONLY**

NCD&CS Agronomic Division [Soil Testing Lab](#)

Mailing Address (USPS): 1040 Mail Service Center, Raleigh NC 27699-1040
Physical Address (UPS/FedEx/DHS): 4300 Reedy Creek Rd, Raleigh NC 27607
Phone: (919) 664-1600



[Sample Collection](#)

[Crop Codes](#)

Peak Season Fee: \$5

Check our [website](#) for peak season dates

* REQUIRED FIELDS

CLIENT

ADVISOR

Farm ID	Amt Due \$ _____ Amt Paid \$ _____	* Last Name	* First Name	Last Name	First Name
Sampling Date	Payment method : ☐ Check ☐ Online (CC) ☐ Escrow Account (Name or # Below)	* Mailing Address	Mailing Address		
* N.C. County (Where Collected)		City	State	Zip	City
		* Email		Email	
Number of Samples	* Party Responsible for Payment: _____	* Phone	PALS Account #	Phone	PALS Account #

LAB NUMBER (lab use only)	* Sample ID (Must match soil box)	Lime Applied Past 12 Months ton/ac Month	*Crop Code	*Crop	Crop Conditions		Growth Stage	Corresponding Sample		Droughty		Soil Compacted	
					Good	Bad		Plant Tissue	Nematode	Yes	No	Yes	No
					☐	☐		☐	☐	☐	☐	☐	☐
					☐	☐		☐	☐	☐	☐	☐	☐
					☐	☐		☐	☐	☐	☐	☐	☐
					☐	☐		☐	☐	☐	☐	☐	☐

Growth and Color of Abnormal Plants New Growth: ☐ Good ☐ Fair ☐ Poor ☐ Dead Root Condition: ☐ Good ☐ Fair ☐ Poor ☐ Dead Legumes Only: Nodulated? ☐ Yes ☐ No Symptoms: ☐ Stunted ☐ Distorted leaves ☐ Brittle leaves ☐ Discolored leaves Leaf Color: ☐ Green ☐ Light green ☐ Yellow ☐ Purple/Red ☐ Brown Symptom Location: ☐ Young leaves ☐ Old leaves ☐ Whole Plant Symptom Pattern: ☐ Whole leaf ☐ Veins ☐ Between veins ☐ Margins ☐ Tips	Management and Field Conditions Planting Date: _____ Prior Crop Affected? ☐ Yes ☐ No Rainfall: ☐ Below normal ☐ Normal ☐ Above normal Temperature: ☐ Below normal ☐ Normal ☐ Above normal Tillage: ☐ Conventional ☐ No-till ☐ Strip-till ☐ Minimum Till ☐ Turbo Till Comments: _____
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Diagnostic testing is for problem samples only. Samples submitted without diagnostic information provided will be analyzed as routine/predictive.

By submitting this form, permission is granted (per N.C.G.S. 106-24.1) to release information & laboratory results associated with analysis of these samples to the following people/entities only:

(1)the advisor, and (2) NC State Univ. / NC Cooperative Extension Service. I attest that these samples were collected in NC.

Collecting and Submitting Soil Samples

- Use a garden spade or trowel or stainless steel probes/tools & a clean plastic bucket.
- Avoid combining areas of different soil types & fertilizer histories; avoid fertilizer bands, & corners / ends of fields.
- Collect 15 to 20 cores per sample; sample 0 to 8 inches deep for plowed fields; 0 to 4 inches deep for no-till or pastures.
- Break up cores & mix soil in bucket.
- Label soil box with name, address, and sample IDs using a pencil or waterproof marker.
- Fill the sample box to red fill line; do not overfill.
- **DO NOT PUT SOIL IN PLASTIC BAGS.**
- **DO NOT TAPE BOXES.**
- Lime history is important; be sure to record lime applied in the past 12 months on page 1.
- Crop codes are required to receive a recommendation.
Samples cannot be processed without a crop code.
- Ship samples in a well packed cardboard box so samples are tightly secured from within. Do not ship samples using flat mailers or envelopes.

Crop Codes for Homeowners

022 Lawn Centipede

026 Lawn (not centipede)

024 Vegetable Garden

023 Flower Garden

030 Berries / Fruits / Nuts (*except blueberries*)

032 Blueberries

031 Landscape Tree (*deciduous and evergreen*)

020 Azalea / Camelia

025 Mtn. Laurel / Rhododendron

028 Rose

029 Shrubs