

SOIL SAMPLE INFORMATION — RESEARCH

SAMPLE TYPE indicate reference(s)

- Routine Analysis (\$5)
- Routine + Nitrate (\$5)
- Heavy Metals (\$25)

NCDA&CS Agronomic Division Soil Testing Section
Mailing Address: 1040 Mail Service Center, Raleigh NC 27699-1040
Physical Address (UPS/FedEx): 4300 Reedy Creek Road, Raleigh NC 27607
Phone: (919) 733-2655 Web Address: www.ncagr.gov/agronomi

FOR OFFICE USE ONLY
 REPORT # _____
 DATE REC'D _____
 INITIAL _____



SAMPLE INFORMATION	PAYMENT	RESEARCHER INFORMATION	PROJECT LEADER INFORMATION
SAMPLE DATE	FEE TOTAL _____ AMT PAID _____ METHOD OF PAYMENT () CASH () PURCHASE ORDER (payable to NCDA&CS) () ESCROW (provide account name)	LAST NAME FIRST NAME	LAST NAME FIRST NAME
DATE SUBMITTED		ADDRESS	ADDRESS
NUMBER OF SAMPLES		CITY STATE ZIP	CITY STATE ZIP
COUNTY <i>(where collected)</i>		PHONE (____) ____ - ____	PHONE (____) ____ - ____
		E-MAIL ADDRESS <input type="checkbox"/> Do Not notify me when report is available.	E-MAIL ADDRESS <input type="checkbox"/> Do Not notify me when report is available.

LAB NUMBER (leave blank)	SAMPLE IDENTIFICATION
1	
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12	

For information on soil sampling, visit www.ncagr.gov/agronomi/pdf/basics.pdf

Procedures and Policy (details on back of this form)
 Before submitting samples,

- notify the Soil Testing Section Chief for approval and
- complete the Cooperative Research Sample Agreement for Services of the NCDA&CS Agronomic Division (Form AD-11).

Important Notes: Submit samples in standard NCDA&CS soil sample boxes with sufficient soil (about one pint). Payment must be received before samples will be processed. Samples will be discarded two weeks after data are released from the lab.

Cooperative Research Agreement No. _____

Approved by: _____
(Project Leader) (Section Chief, Soil Testing)

NCDA&CS Agronomic Division Soil Testing Laboratory Procedures and Policy

1. Research projects that involve the soil testing services of the NCDA&CS Agronomic Division shall be coordinated with the Soil Testing Section Chief before samples are submitted.
2. **The Project Leader shall reach an agreement with the Section Chief as to analysis and the time frame in which results are expected.**
 - Each research project requires completion of form AD-11: *Cooperative Research Sample Agreement for Services of the NCDA&CS Agronomic Division*. For multi-year projects, new agreements are required each year.
3. The fee for routine analysis is \$5.00 per sample but is subject to change. Nitrate analysis (currently no charge) is conducted if mutually agreed upon by both parties. Mehlich-3 extractable heavy metals (As, Cd, Cr, Ni, Pb, Se) can also be analyzed for an additional \$25.00 per sample.
 - Acceptable methods of payment are cash, escrow or purchase order. Escrow is preferred.
 - **Payment is required before sample analysis. If samples are not paid for by August 30, the researcher will have to make other arrangements for analysis.**
4. Research samples shall be received from May 1 through August 15, no exceptions.
5. Analysis consists of the following determinations: phosphorus, potassium, calcium, magnesium, sodium, weight per volume, pH, Mehlich buffer pH (acidity), CEC, base saturation, manganese, sulfur, zinc, copper and humic matter. All results are provided in quantitative terms unless otherwise requested. Methodologies used by our laboratory are outlined at www.ncagr.com/agronomi/stmethod.htm.
6. About one pint of soil is needed for analysis. **Samples shall be submitted in standard NCDA&CS soil sample boxes.** Plastic bags are not acceptable. **Any samples coming from the Center for Environmental Farming Systems (CEFS) shall be fumigated before shipment. Red soil boxes should be used for samples from CEFS.** Each sample shipment shall be accompanied by form AD-12 containing detailed sample information and a photocopy of form AD-11, the signed cooperative agreement.
7. **Delivery of research samples shall be scheduled in advance by calling the laboratory at 919-733-2655.**
8. **Samples will be discarded two weeks after analysis and are not available for sample pickup.** Researchers who want to keep a portion of each sample are advised to dry the soil to 38 °C, screen it to pass through 2-mm (10 US or 9 Tyler) mesh, and split each sample before submitting.
9. Data are provided as a hard copy. Electronic version of reports can also be obtained.

Thank you for using agronomic services to manage nutrients and safeguard environmental quality. — Steve Troxler, Commissioner of Agriculture