

# SOIL SAMPLE INFORMATION — N.C. Soil Only



**ROUTINE/PREDICTIVE SAMPLES**

**April ~ Thanksgiving: no fee**  
**December–March: \$4 / sample**  
**Check online for exact dates.**

**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 Website: [www.ncagr.gov/agronomi](http://www.ncagr.gov/agronomi)**

**For laboratory results, go to [www.ncagr.gov/agronomi/pals](http://www.ncagr.gov/agronomi/pals).**

SAMPLE INFORMATION	PAYMENT	GROWER INFORMATION <i>(please print legibly)</i>			CONSULTANT/OTHER RECIPIENT				
FARM ID <i>(optional)</i>	FEE TOTAL _____ METHOD OF PAYMENT _____ ESCROW ACCOUNT ONLY <i>(write account name below)</i>	LAST NAME		FIRST NAME		LAST NAME		FIRST NAME	
SAMPLE DATE <i>(optional)</i>		ADDRESS <i>(in N.C. where samples were collected)</i>			ADDRESS				
NC COUNTY <i>(where collected)</i>	<b>Reminders</b> Use NCDA&CS sample boxes only. Fill to red line. Bags not accepted. Select crop code(s) from list on back of form.	CITY	STATE	ZIP	CITY		STATE	ZIP	
NUMBER OF SAMPLES		E-MAIL ADDRESS			E-MAIL ADDRESS				
		PHONE	PALS # _____ <i>(if known)</i>		PHONE	PALS # _____ <i>(if known)</i>			

**By submitting this form to the NCDA&CS Agronomic Division, I attest that the accompanying samples were collected in North Carolina.**

LAB NUMBER <small>(Leave blank)</small>	SAMPLE IDENTIFICATION	LIME APPLIED WITHIN PAST 12 MONTHS <small>Tons/Acre    Month    Year</small>			You must specify a crop CODE to receive a recommendation (see reverse side of form)			
					FIRST CROP	CODE	SECOND CROP	CODE
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								

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

## Taking a Soil Sample

*A soil test is only as good as the soil sample!*

Use iron or stainless steel tools. Sample dry soil in areas of 10 acres or fewer. Avoid combining soils of different types and/or treatment histories. Avoid fertilizer bands and corners or end-turn areas. For each sample, collect 15–20 cores at the appropriate depth (0–8" for plowed soils; 0–4" for no-till, sod & lawns). Mix cores in a plastic bucket, then fill the sample box.

**DO NOT PUT SOIL IN PLASTIC BAGS.**

### REQUIRED INFORMATION

The lab **MUST** have this information.

### DESIRABLE INFORMATION

The lab can make better suggestions if this information is provided.

## Filling out the Sample Information Form

LAB NUMBER (Leave blank)	SAMPLE IDENTIFICATION	LIME APPLIED WITHIN PAST 12 MONTHS			FIRST CROP	CODE	SECOND CROP	CODE
		Tons/Acre	Month	Year				
1	J 1	1	9	2012	Corn	001	Small Grain	004
2	S 1	2	9	2012	Clover / Grass, M	050	Clover / Grass, M	050
3	S 2	0			Bermuda Hay, E	043	Bermuda Hay, M	044

EXAMPLE

**SAMPLE & GROWER INFORMATION** — Provide as much information as possible. Print neatly.

**CONSULTANT/OTHER RECIPIENT** — List name & contact information for anyone else who needs to know about the report.

**SAMPLE IDENTIFICATION** — Print an identifier (use numbers and/or letters) for each sample on a separate line. The identifier should help remind you where the sample came from (Example: J1, S1). Make sure the sample identifiers on the boxes and on the information form are the same. Use **pencil or waterproof markers**.

**FIRST CROP** — List the crop for which you want lime and fertilizer recommendations. Be sure to include the appropriate **CODE** from the list below (e.g., Bermuda hay or pasture establishment, 043).

**A.** Use **Lawn** (code 026) for all lawn grasses except **Centipede**. Use one of the **Fine Turf** codes only for golf and athletic field turf.

**B.** Use **Shrubs** (code 029) for all shrubs, except azalea, camellia, rhododendron and mountain laurel.

**C.** For all home garden vegetables, use code 024.

**LIME APPLIED WITHIN PAST 12 MONTHS** — Provide the amount of lime applied in tons/acre, as well as the year and month of the last application, if made during the past 12 months. (50M = 50 lb/1000 ft<sup>2</sup>, which is equivalent to one ton per acre.)

**SECOND CROP** — List the name of the crop that will follow the one listed as **FIRST CROP**. Include its **CODE** from the list below. This will enable us to make suggestions for this crop, assuming that the field is treated as suggested the first year. List the second crop even if it will be grown the same year as **FIRST CROP**.

## CROP CODES

**E = establishment (1st year)**

**M = maintenance**

**SG = small grain**

### Field Crops

001 Corn, grain  
002 Corn, silage  
003 Cotton  
004 Small Grain  
005 Millet, pearl  
006 Milo (Grain Sorghum)  
007 Peanut  
008 Rice  
009 Sorghum, syrup  
010 Soybean  
011 Sunflower  
012 Tobacco, burley  
013 Tobacco, flue-cured  
014 Tobacco, greenhouse  
015 SG silage/ Soybean  
016 SG silage/ Corn silage  
017 Kenaf, fiber  
018 SG/ Soybean (double crop)

### Home Lawn & Garden

020 Azalea/ Camellia  
**022 Lawn, centipede**  
**023 Flower garden**  
**024 Vegetable garden**  
025 Mtn. Laurel/ Rhodod.  
**026 Lawn** (not centipede)  
028 Rose  
**029 Shrubs**  
030 Berries/Fruit/Nuts  
031 Tree, shade  
032 Blueberries, home  
**Christmas Trees**  
034 Leyland Cypress  
035 Line-out/ Seed beds  
036 Fir/N. Spruce/Hem, E  
037 Fir/N. Spruce/Hem, M  
038 Pine, white or Va.  
039 Bl. Spruce/Red Cedar

### Forage & Pasture

040 Alfalfa, E  
041 Alfalfa, M  
042 Com. Bermuda/Bahia

### Forage & Pasture (cont.)

043 Bermuda hay/past., E  
044 Bermuda hay/past., M  
047 Bluegrass pasture  
048 Bluegrass/Wh. Clover  
049 Clover/Grass, E  
050 Clover/Grass, M  
051 Gamagrass  
053 Legumes, misc.  
054 Fescue/OGrass/Tim, E  
055 Fescue/OGrass/Tim, M  
056 Prairiegrass  
057 Switchgrass  
059 Sudan/Sorghum past.  
060 Sudan/Sorghum silage

### Roadside Areas

061 Critical area  
062 Grass, roadside, E  
063 Grass, roadside, M

### Wildlife Areas / Food Plots

066 Deer/Turkey  
067 Upland Game  
068 Waterfowl  
069 Fish Pond

### Commercial Hort Crops ONLY

[024 = all Home Vegetables]

070 Asparagus, E  
071 Asparagus, M  
072 Beans/Peas  
073 Beans, pole  
074 Beet  
075 Blueberry, E  
076 Blueberry, M  
077 Brocc/ BSprout/Caulif  
079 Cabbage  
080 Cantaloupe/Melons  
084 Corn, sweet  
085 Cucumber  
088 Grape, E  
089 Grape, M  
090 Kale/ Mustard/ Spinach  
093 Okra  
095 Pea, southern  
096 Pepper/Sage  
097 Plant bed, vegetable  
098 Potato, Irish  
099 Sweetpotato  
100 Radish  
101 Canola/Rape

### Commercial Hort Crops (cont.)

102 Black/Raspberry, E  
103 Black/Raspberry, M  
107 Squash/Pumpkin  
108 Strawberry, E  
109 Strawberry, M  
110 Tomato  
111 Tomato, greenhouse  
115 Turnip  
116 Vegetables, other  
118 Strawberry, plastic  
119 Hops  
175 Grape - vinifera

### Commercial Nursery & Flowers

120 Dahlia  
121 Gladiolus  
122 Greenhouse  
123 Gypsophila (baby's breath)  
124 Flower, bulbs  
125 Flower, roots  
126 Container nursery  
132 Rhod/Ginseng/Natives  
136 Tree nursery

### Orchard, Fruit & Nut

130 Apple, E  
131 Apple, M  
138 Peach, E  
139 Peach, M  
140 Pecan, E  
141 Pecan, M

### Forest Trees & Seed

133 Hardwood, E  
134 Hardwood, M  
137 Pine nursery  
142 Pine, E  
143 Pine, M  
144 Hardwood, seed  
145 Fir/Spruce, seed  
146 Pine, seed

### Fine Turf

150 Fairway/Athl. turf  
151 Tee  
152 Greens

### Stormwater

200 Bioretention cell