

SOIL SAMPLE INFORMATION — N.C. Soil Only



ROUTINE SAMPLES

April–November: no fee
December–March: \$4 / sample

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

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>	To pay with credit card, you MUST use online sample submission.	ADDRESS (in N.C. where samples were collected)			ADDRESS		
NC COUNTY <i>(where collected)</i>		CITY _____ STATE _____ ZIP _____ <b style="text-align: center; font-size: 1.2em;">NC	CITY _____ STATE _____ ZIP _____				
NUMBER OF SAMPLES	Reminders Use NCDA&CS sample boxes only. Fill to red line. Bags not accepted. Select crop code(s) from list on back of form.	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.		

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 ft², 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

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