Form AD1 (revised June 2008)

SOIL SAMPLE INFORMATION

SAMPLE TYPE circle preference(s)

Routine Sample Analysis (no fee)

Heavy Metals Test ($25 per sample)
Test for regulated sites only — not applicable for homeowners !

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.com/agronomi

FOR OFFICE USE ONLY

DATE REC'D

SAMPLE INFORMATION	GROWER INFORMATION (please print)	CONSULTANT/OTHER RECIPIENT
FARM ID	LAST NAME FIRST NAME PHONE (___) ___ – ____	LAST NAME FIRST NAME PHONE (___) ___ – ____
NO. OF SAMPLES _____ **COUNTY(where collected)** _____ **PAYMENT AMOUNT (for Heavy Metals only)** _____	ADDRESS	ADDRESS
	CITY STATE ZIP	CITY STATE ZIP
( ) CHECK (payable to NCDA&CS) ( ) ESCROW ACCOUNT (enter acct. name) _____	GROWER E-MAIL	OTHER RECIPIENT E-MAIL

Results are available online. Please check this box ☐ if you do not need a printed report mailed to you.

LAB NUMBER (Leave blank)	SAMPLE IDENTIFICATION	LIME APPLIED WITHIN PAST 12 MONTHS			You must specify a crop CODE to receive a recommendation (see reverse side of form)			
		Tons/Acre	Month	Year	FIRST CROP	CODE	SECOND CROP	CODE
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

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 20 or more 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. **PLEASE DO NOT PUT SOIL IN PLASTIC BAGS.**

Filling out the Information Sheet

REQUIRED INFORMATION

We must have this information before we analyze the samples.

SAMPLE TYPE — Circle the test you want. Fees apply only to heavy metals tests. These tests are run from April through December only.

SAMPLE & GROWER INFORMATION — Provide as much information as possible. Print neatly. Results of heavy metals tests will not be released until the fee is paid.

CONSULTANT/OTHER RECIPIENT — List name & contact information for anyone else you want to receive a copy of 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 identifers on the boxes and on the information sheet 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 **Shrubbery** (code 029) for all shrubs, except azalea, camellia, rhododendron and mountain laurel.

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

DESIRABLE INFORMATION

We can make better suggestions if we have this information.

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 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**.

EXAMPLE

LAB NUMBER (Leave blank)	SAMPLE	LIME APPLIED WITHIN PAST 12 MONTHS Tons/Acre	Month	Year	FIRST CROP	CODE	SECOND CROP	CODE
1	J 1	1	9	2002	Corn	001	Small Grain	004
2	S 1	2	9	2002	Clover / Grass, M	050	Clover / Grass, M	050
3	S 2	0			Bermuda Hay, E	043	Bermuda Hay, M	044

*** * * SHIPPING: Please ship in a sturdy container with samples firmly packaged inside. * * ***

CROP CODES

000 No Crop

Field Crops
001 Corn, grain
002 Corn, silage
003 Cotton
004 Small Grain (Wheat/Oat/ Rye/Barley/Triticale)
006 Milo (Grain Sorghum)
007 Peanut
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
018 SG/ Soybean (double crop)

Home Lawn & Garden
020 Azalea
021 Camellia
022 Centipede
023 Flower garden
024 Vegetable garden
025 Mountain laurel
026 Lawn
027 Rhododendron
028 Rose
029 Shrubbery
030 Berries/ Fruit/ Nuts
031 Tree, shade

Christmas Trees
034 Leyland cypress
035 Line-out/ Seed Beds
036 Fir/ N Spruce/ Hemlock, E
037 Fir/ N Spruce/ Hemlock, M
038 Pine, White or Virginia
039 Blue Spruce/ Red Cedar

Forage & Pasture
040 Alfalfa, E
041 Alfalfa, M
042 Common bermuda/ Bahia
043 Bermuda hay/ pasture, E
044 Bermuda hay/ pasture, M
047 Bluegrass pasture
048 Bluegrass/ White Clover
049 Clover/ Grass, E
050 Clover/ Grass, M
051 Gamagrass
053 Legumes, misc.
054 Fescue/ Orchard/ Timothy, E
055 Fescue/ Orchard/ Timothy, M
056 Prairiegrass
057 Switchgrass
059 Sudan/ Sorghum/Millet/ Red Crab-grass
060 Sudan/ Sorghum silage

Roadside Areas
061 Critical area
062 Roadside grass, E
063 Roadside grass, M

Commercial Hort Crops ONLY
[024 all Home Garden Vegetables]
070 Asparagus, E
071 Asparagus, M
072 Beans/ Peas
074 Beet
075 Blueberry, E
076 Blueberry, M
077 Broccoli/ Brussels sprouts/ Cauliflower
079 Cabbage
080 Cantaloupe/ Watermelon
084 Corn, sweet
085 Cucumber
088 Grape, E
089 Grape, M
090 Kale/ Mustard/ Spinach
093 Okra
095 Pea, southern
096 Pepper
097 Plant bed, vegetable
098 Potato, Irish
099 Sweetpotato
100 Radish
101 Rape/ Canola
102 Raspberry/ Blackberry, E
103 Raspberry/ Blackberry, M
107 Squash/ Pumpkin
108 Strawberry, E
109 Strawberry, M
110 Tomato
111 Tomato, greenhouse
115 Turnip
116 Vegetables, other

Commercial Nursery & Flowers
120 Dahlia
121 Gladiolus
122 Greenhouse
123 Gysophila (Baby's Breath)
124 Flower, bulbs
125 Flower, roots
126 Nursery, container
132 Rhododendron/ Ginseng/ Native ornamentals
136 Nursery/ Trees

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 Nursery, pine
142 Pine, E
143 Pine, M
144 Hardwood, seed
145 Fir/ Spruce, seed
146 Pine, seed

Fine Turf
150 Fairway/ Athletic turf
151 Tee
152 Greens

Wildlife Areas / Food Plots: 066 Deer/ Turkey; 067 Upland game; 068 Waterfowl; 069 Fish pond

[E = establishment (1st year) M = maintenance SG = small grain]