

SOIL SAMPLE INFORMATION — HEAVY METALS

SAMPLE TYPE

**Heavy Metals Test (\$25 per sample)
for regulated sites only —
not applicable for homeowners !
Submit samples April 1–Dec 15 only.**

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	GROWER INFORMATION <i>(please print)</i>			CONSULTANT/OTHER RECIPIENT		
FARM ID	FEE TOTAL _____ AMT PAID _____ METHOD OF PAYMENT	LAST NAME	FIRST NAME		LAST NAME	FIRST NAME	
SAMPLE DATE	() CASH () CHECK (payable to NCDA&CS)	ADDRESS			ADDRESS		
COUNTY <i>(where collected)</i>	() MONEY ORDER () ESCROW <i>(provide account name below)</i>	CITY	STATE	ZIP	CITY	STATE	ZIP
NUMBER OF SAMPLES		PHONE	(____) _____ - _____		PHONE	(919) 707 - 8283	
		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.	
					chester.cobb@ncdenr.gov		

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								

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 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.

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 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

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 **Shrubbery** (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 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

000 No Crop

Field Crops

001 Corn, grain

002 Corn, silage

003 Cotton

004 Small Grain

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

Forage & Pasture (cont.)

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 Crabgrass

060 Sudan/ Sorghum silage

Roadside Areas

061 Critical area

062 Roadside grass, E

063 Roadside grass, 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

074 Beet

072 Beans/ Peas

074 Beet

075 Blueberry, E

076 Blueberry, M

077 Broccoli/ B. 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

Commercial Hort Crops (cont.)

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