

COMMERCIAL DIAGNOSTIC SOIL TESTING **N.C. ONLY**



NCD&CS Agronomic Division [Soil Testing Lab](#)

Mailing Address (USPS): 1040 Mail Service Center, Raleigh NC 27699-1040
 Physical Address (UPS/FedEx/DHS): 4300 Reedy Creek Rd, Raleigh NC 27607
 Phone: (919) 664-1600



[Sample Collection](#)



[Crop Codes](#)

Peak Season Fee: **\$5**
 Check our [website](#) for peak season dates

*** REQUIRED FIELDS**

		CLIENT			ADVISOR		
Farm ID	Amt Due \$ _____ Amt Paid \$ _____	* Last Name	* First Name	Last Name	First Name		
Sampling Date	Payment method : Check Online (CC) Escrow Account (Name or # Below)	Mailing Address		Mailing Address			
* N.C. County (Where Collected)		City	State	Zip	City	State	Zip
Number of Samples	* Party Responsible for Payment: _____	*Email			Email		
		*Phone	PALS Account #		Phone	PALS Account #	

LAB NUMBER <i>(lab use only)</i>	* Sample ID (Must match soil box)				Lime Applied Past 12 Months ton/ac Month	*Crop Code	*Crop	Crop Conditions		Growth Stage	Corresponding Sample		Droughty		Soil Compacted	
								Good	Bad		Plant Tissue	Nematode	Yes	No	Yes	No

Growth and Color of Abnormal Plants					Management and Field Conditions									
New Growth:	Good	Fair	Poor	Dead	Planting Date:	_____								
Root Condition:	Good	Fair	Poor	Dead	Prior Crop Affected?	Yes	No							
Legumes Only:	Nodulated?	Yes	No											
Symptoms:	Stunted	Distorted leaves	Brittle leaves	Discolored leaves	Rainfall:	Below normal	Normal	Above normal						
Leaf Color:	Green	Light green	Yellow	Purple/Red	Brown	Temperature:	Below normal	Normal	Above normal					
Symptom Location:	Young leaves	Old leaves	Whole Plant											
Symptom Pattern:	Whole leaf	Veins	Between veins	Margins	Tips	Tillage:	Conventional	No-till	Strip-till	Minimum Till	Turbo Till			
					Comments:	_____								

Diagnostic testing is for problem samples only. Samples submitted without diagnostic information provided will be analyzed as routine/predictive.

By submitting this form, permission is granted (per N.C.G.S. 106-24.1) to release information & laboratory results associated with analysis of these samples to the following people/entities only:
 (1)the advisor, and (2) NC State Univ. / NC Cooperative Extension Service. I attest that these samples were collected in NC.



NCDA&CS Soil Testing Lab

Soil Test Crop Codes

Field Crops

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

Forage and Pasture

Crop	Code
Alfalfa, E	040
Alfalfa, M	041
Bermuda, Bahia	042
Bermuda hay/pasture, E	043
Bermuda hay/pasture, M	044
Bluegrass	047
Bluegrass/White Clover	048
Clover/Grass, E	049
Clover/Grass, M	050
Gamagrass	051
Legumes, various	053
Fescue/Orch/Timothy, E	054
Fescue/Orch/Timothy, M	055
Prairiegrass	056
Switchgrass	057
Sudan/Sorghum pasture	059
Sudan/Sorghum silage	060

Turf and Sod

Crop	Code
Bermudagrass, hybrid	154
Centipedegrass	153
Fairway/Athletic Field	150
Greens	152
St. Augustinegrass	155
Tall Fescue	156
Tee	151
Zoysiagrass	157

Horticultural Crops

Crop	Code
Asparagus, E	070
Asparagus, M	071
Beans, Pole	073
Beans/Peas	072
Beet	074
Black/Raspberry, E	102
Black/Raspberry, M	103
Blueberry, E	075
Blueberry, M	076
Brocc/BSprouts/Caul	077
Cabbage	079
Cantalope/Melons	080
Corn, Sweet	084
Cucumber	085
Grape, E	088
Grape, M	089
Grape, Vinifera	175
Kale/Mustard/Spinach	090
Okra	093
Pea, Southern	095
Pepper	096
Potato, Irish	098
Radish	100
Squash/Pumpkin	107
Strawberry, E	108
Strawberry, M	109
Strawberry, plastic	118
Sweetpotato	099
Tomato	110
Tomato, greenhouse	111
Turnip	115
Vegetables, other	116
Vegetables, plant bed	097

Orchard, Fruit & Nut

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

Specialty Crops

Crop	Code
Canola / Rape	101
Clary Sage	301
Hemp	310
Hops	119
Kenaf	017
Truffles	311

Forestry

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

Christmas Trees

Crop	Code
Blue Spruce/Red Cedar	039
Fir/N.Spruce/Hem, E	036
Fir/N.Spruce/Hem, M	037
Leyland Cypress	034
Line-out/Seed beds	035
White/VA Pine	038

Nursery & Flowers

(To ensure test accuracy, submit samples that contain less than 50% mineral soil to the Soilless Media lab.)

Crop	Code
Dahlia	120
Flowers, bulb & roots	124
Gladiolus	121
Nursery, container	126
Nursery, tree	136
Rhod/Ginseng/Natives	132

Wildlife Food Plots

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

Roadside Areas

Crop	Code
Critical area	061
Grass, E	062
Grass, M	063

Stormwater

Crop	Code
Bioretention cell	200