

DIAGNOSTIC SOIL SAMPLE INFORMATION

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 TYPE

Problem samples only — no fee

SAMPLE INFORMATION	REMINDERS	GROWER INFORMATION <i>(please print)</i>	CONSULTANT/OTHER RECIPIENT
FARM ID	<p>For problem diagnosis, collect matching samples from "good" and "bad" areas for comparison.</p> <p>Follow sampling protocol: www.ncagr.gov/agronomi/pdf/files/samprob.pdf.</p> <p>DO NOT ship problem soil samples with routine soil samples.</p> <p>Label the top & sides of each shipping box with the words "PROBLEM SAMPLES."</p>	LAST NAME _____ FIRST NAME _____	LAST NAME _____ FIRST NAME _____
SAMPLE DATE		ADDRESS _____	ADDRESS _____
COUNTY <i>(where collected)</i>		CITY _____ STATE _____ ZIP _____	CITY _____ STATE _____ ZIP _____
NUMBER OF SAMPLES		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.

LAB NUMBER (Leave blank)	SAMPLE IDENTIFICATION	LIME APPLIED WITHIN PAST 12 MONTHS			PROBLEM CROP	NEXT CROP	CORRESPONDING SAMPLE IDS		CROP CONDITION (check one)			DROUGHT STRESS	
		Tons/Acre	Month	Year			Plant Tissue	Nematode Assay	Poor	Fair	Good	Yes	No
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

If signs or symptoms of insects or diseases are present, contact your Cooperative Extension office for information about collecting, preparing and shipping plant and insect specimens to the PLANT DISEASE & INSECT CLINIC, 100 Derieux Place, 1227 Gardner Hall, Campus Box 7211, North Carolina State University, Raleigh, NC 27695-7211. Phone 919-515-3619 about disease problems and 919-515-9530 about insect-related problems.

VISUAL SYMPTOMS of ABNORMAL PLANTS

Growth

General: Good _____ Fair _____ Poor _____ Dead _____
 Specific: Brittle leaves/stems _____ Distorted leaves _____ Leaf rosette _____ Dwarfed _____
 Roots: Good _____ Fair _____ Poor _____ Dead _____ If legumes, nodulated? Yes _____ No _____
 Bud / New Growth: Good _____ Fair _____ Dead _____ Distorted _____

Color

Color Location: Younger leaves _____ Older leaves _____ Whole plant _____
 Color of Leaves: Dark green _____ Light green _____ Yellow _____ Red _____ Reddish purple _____
 Leaf Color Pattern: Whole leaf _____ Between veins _____ Veins & petiole _____ Margins _____ Tip _____ Spotted _____
 Other pattern (describe) _____

CROP PRODUCTION INFORMATION

Method of Application	Fertilizer Applied to This Crop (lb/acre)							
	N	P ₂ O ₅	K ₂ O	S	Mn	Zn	Cu	B
Broadcast								
Row / Band								
Topdress / Foliar								

Date of Planting _____

Was the previous crop affected?
 Yes _____ No _____

Other Nutrient Materials (gypsum, sewage sludge, sawdust, etc.) _____

Crop Tillage: Conventional _____ No-till _____ Minimum Tillage _____

Field / Growing Conditions: Normal _____ Wet _____ Dry _____ Hot _____

Greenhouse Media Type: Peat-lite _____ Pine Bark _____ Sandy Loam _____ Silt-Clay Loam _____

COMMENTS — Please provide any other pertinent information, including whether or not you submitted matching samples to the NCSU Plant Disease & Insect Clinic.