



DIAGNOSTIC SOIL SAMPLE INFORMATION

— N.C. Soil Only —

PROBLEM 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)</i>			CONSULTANT/OTHER RECIPIENT		
FARM ID <i>(optional)</i>	FEE TOTAL _____ METHOD OF PAYMENT _____ ESCROW ACCOUNT ONLY <i>(write account name below)</i> Jeffrey White - NCSU	LAST NAME	FIRST NAME		LAST NAME	FIRST NAME	
SAMPLE DATE <i>(optional)</i>	#307503	ADDRESS <i>(in N.C. where samples were collected)</i>			ADDRESS		
COUNTY <i>(where collected)</i>	Reminders Fill out back of form. Do not ship w/routine samples. Write PROBLEM SAMPLES on outside of shipping box.	CITY	STATE	ZIP	CITY	STATE	ZIP
NUMBER OF SAMPLES		PHONE (____) _____ - _____	NC		Raleigh	NC	27695-7620
		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.		
					jeff_white@ncsu.edu		

LAB NUMBER <small>(Leave blank)</small>	SAMPLE IDENTIFICATION	LIME APPLIED WITHIN PAST 12 MONTHS <small>Tons/Acre Month Year</small>			PROBLEM CROP	NEXT CROP	CORRESPONDING SAMPLE IDS		CROP CONDITION <small>(check one)</small> Poor Fair Good			DROUGHT STRESS Yes No	
		Plant Tissue	Nematode Assay										
1					Corn								
2					Corn								
3					Corn								
4													
5													
6													
7													
8													

By submitting this form to the NCDA&CS Agronomic Division, I attest that the accompanying samples were collected in North Carolina.
Diagnostic (problem) analysis requires that all relevant information requested on the front and back of this form be provided.
If details regarding the problem are not provided, a predictive (routine) analysis will be conducted.

Thank you for using agronomic services to manage nutrients and safeguard environmental quality. — Steve Troxler, Commissioner of Agriculture
Yield Contest Study Participants: Please use the same sample ID for Soil and "Corresponding Plant Tissue" here & on Plant Form

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.