

# DIAGNOSTIC SOIL SAMPLE INFORMATION

**NCA&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 (please print)**

**CONSULTANT/OTHER RECIPIENT**

FARM ID <i>Fisher 002</i>	<b>For problem diagnosis, collect matching samples from "good" and "bad" areas for comparison.</b>  <b>Follow sampling protocol:</b> www.ncagr.gov/agronomi/pdf/files/samprob.pdf.  <b>DO NOT ship problem soil samples with routine soil samples.</b>  <b>Label the top &amp; sides of each shipping box with the words "PROBLEM SAMPLES."</b>	LAST NAME                      FIRST NAME <i>Wood                                  Bob</i>	LAST NAME                      FIRST NAME <i>Robbins                              David</i>
SAMPLE DATE <i>3/15</i>		ADDRESS <i>Burch Farms</i> <hr style="border-top: 1px dashed black;"/> <i>532 Fisher Road</i>	ADDRESS <i>Ag Consulting Service</i> <hr style="border-top: 1px dashed black;"/> <i>8765 Six Forks Road</i>
COUNTY (where collected) <i>Duplin</i>		CITY                                  STATE                      ZIP <i>Faison                                  NC                      28341</i>	CITY                                  STATE                      ZIP <i>Mount Olive                      NC                      28365</i>
NUMBER OF SAMPLES <i>2</i>		PHONE <i>(910) 917-5678</i>	PHONE <i>(919) 696-3718</i>
		E-MAIL ADDRESS <input type="checkbox"/> Do Not notify me when report is available. <i>Bob9427@yahoo.com</i>	E-MAIL ADDRESS <input type="checkbox"/> Do Not notify me when report is available. <i>David137@gmail.com</i>

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	G I O O D				wheat	soybean	GREEN											
2	B I A D				wheat	soybean	Y E I L L O											
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 <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	S	Mn	Zn	Cu	B
Broadcast	20 lb/A at planting							
Row / Band								
Topdress / Foliar	110			10-15				

Date of Planting 10/30

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.

Yellow streaks noticed in wheat. Affected plants are smaller and stunted.  
Symptoms more obvious in sandy areas of field. Think this is sulfur deficiency.