

**Plant and Soil Diagnostic Information Sheet**

(Report will e-mailed to the AR county listed below)

Lab #: \_\_\_\_\_

Name: \_\_\_\_\_ County: \_\_\_\_\_ Date Received: \_\_\_\_\_

Address: \_\_\_\_\_ E-Mail: \_\_\_\_\_

Address: \_\_\_\_\_ Phone #: \_\_\_\_\_

**Field History:** Field Name or Number \_\_\_\_\_

Soil Type:  Sandy  Silt Loam  Clay State Soil Assn. #: \_\_\_\_\_

Fertilizer and lime this year: \_\_\_\_\_

Other agricultural chemicals this year: \_\_\_\_\_

Is field irrigated:  Yes  No If yes, for \_\_\_\_\_ Source of water:  Well  Reservoir  Stream

Previous Crop History:	Year	Crop	Describe problem, if any
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

**Soil Sample:** Problem Area: depth in inches \_\_\_\_\_ Normal Area: depth in inches \_\_\_\_\_  
(If salts are suspect, send one sample from 0 to 3 inches depth and another from 4 to 6 inches depth.)

**Plant Sample:** Crop: \_\_\_\_\_ Variety: \_\_\_\_\_ Plant Date: \_\_\_\_\_ Sampling Date: \_\_\_\_\_  
Stage of Growth: Seedling \_\_\_ Vegetative \_\_\_ Reproductive \_\_\_ If tree crop, age of tree: \_\_\_\_\_ years.  
Plant Part: Whole \_\_\_ Leaf \_\_\_ Petiole \_\_\_ Stem \_\_\_ Top 6 inches \_\_\_  
Plant Part Position: Upper \_\_\_ Middle \_\_\_ Lower \_\_\_

**Symptoms:** Describe problems/plant symptoms: \_\_\_\_\_

How long have symptoms been present? 1 week \_\_\_ 2 weeks \_\_\_ 3 to 4 weeks \_\_\_ 4+ weeks \_\_\_

Is problem associated with a pattern in field or is it widespread? \_\_\_\_\_ Has problem been present in previous years? \_\_\_\_\_  
If yes, what attempts have been made to correct problem? \_\_\_\_\_

Describe weather during the past 3 weeks: Temperature: above normal \_\_\_ normal \_\_\_ below normal \_\_\_  
Rainfall: above normal \_\_\_ normal \_\_\_ below normal \_\_\_

**ANALYSES OPTIONS:** Fee covers analysis of both the "normal" and "problem" sample. Please send both samples when possible.

- \_\_\_ **SOIL Basic Package:** pH, Salts, Mehlich 3 extractable P, K, Ca, Mg, S, Na, Fe, Mn, Zn, Cu, B..... \$ 10.00 or w/ Calc CEC \$13.00
- \_\_\_ **Soil pH and Salts** only..... \$ 5.00
- \_\_\_ **Soil Nitrate-nitrogen (NO<sub>3</sub>-N)**..... \$ 5.00
- \_\_\_ **Soil Chloride**..... \$ 10.00
- \_\_\_ **Soil Organic Matter by WLOI**..... \$ 6.00
- \_\_\_ **Soil Texture** (%sand,silt,clay)..... \$ 15.00
- \_\_\_ **Soil Total Nitrogen and Carbon**..... \$ 15.00
- \_\_\_ **Soil Total Recoverable Metals** package (P, K, Ca, Mg, S, Na, Fe, Mn, Zn, Cu, B) EPA3050b..... \$ 10.00
- \_\_\_ **Soil Total Recoverable Metals** *circle desired analytes* (Al, As, Ba, Cd, Co, Cr, Ni, Pb, Mo, Se)EPA3050b..... \$ 12.00 per analyte
- \_\_\_ **PLANT Basic Package:** N, P, K, Ca, Mg, S, Na, Fe, Mn, Zn, Cu, B..... \$ 20.00
- \_\_\_ **Plant Total Nitrogen** only..... \$ 12.00
- \_\_\_ **Plant Minerals** only (P, K, Ca, Mg, S, Na, Fe, Mn, Zn, Cu, B) ..... \$ 12.00
- \_\_\_ **Plant Nitrate-nitrogen (NO<sub>3</sub>-N)**..... \$ 6.00
- \_\_\_ **Corn Stalk Nitrate-nitrogen (NO<sub>3</sub>-N)**..... \$ 10.00
- \_\_\_ **Plant Chloride**..... \$ 10.00

**Payment / Billing Options:** Payment enclosed \$ \_\_\_\_\_ Client Chk #: \_\_\_\_\_ or; Invoice Client \$ \_\_\_\_\_ or;  
Invoice County \$ \_\_\_\_\_ Provide: CC \_\_\_\_\_ & DS or GR \_\_\_\_\_ ; Add'l Info: \_\_\_\_\_

Make checks payable to Agri Diagnostic Lab. Mail check, form, and samples to the Agricultural Diagnostic Lab. (address at top of form)  
Prices listed are current as of Sept 2020. Prices are subject to change without notice.

University of Arkansas, United States Department of Agriculture, and County Governments cooperating.

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