

Plant and Soil Diagnostic Information Sheet

(no out-of-state soils will be accepted)

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
Plant Part: Whole Leaf Petiole Stem Top 6 inches
Plant Part Position: Upper Middle Lower
If tree crop, age of tree: _____ years.

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, Na, S, Fe, Mn, Zn, Cu, B..... \$ 10.00
- Soil pH and Salts ONLY**..... \$ 5.00
- Soil Nitrate-nitrogen (NO₃-N)**..... \$ 5.00
- Soil Chloride**..... \$ 6.00
- Soil Organic Matter by LOI**..... \$ 6.00
- Soil Total Recoverable Metals** package (P, K, Ca, Mg, Na, S, Fe, Mn, Zn, Cu, B) EPA3050b..... \$ 8.00
- Soil Total Recoverable Metals** circle desired analytes (Al, As, Ba, Cd, Co, Cr, Ni, Pb, Mo, Se)EPA3050b. \$ 8.00 per analyte
- Plant Basic Package:** N, P, K, Ca, Mg, Na, S, Fe, Mn, Zn, Cu, B..... \$ 18.00
- Plant Total Nitrogen ONLY**..... \$ 6.00
- Plant Nitrate-nitrogen (NO₃-N)**..... \$ 5.00
- Plant Chloride**..... \$ 6.00

Other Soil or Plant Analyses on request _____ \$ _____

Analysis Fee: _____ Postage Fee: _____ TOTAL FEE: _____

Make checks payable to University of Arkansas. Mail check, form, and samples to the Agricultural Diagnostic Lab. *(address at top of form)*
Prices listed are current as of Feb 2015. Prices are subject to change without notice. **For out-of-state plant samples, please add 20% to fees**

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

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