



PLANT TISSUE SAMPLE INFORMATION SHEET

CUSTOMER INFORMATION				GROWER INFORMATION			
Account #		Grower ID		Farm ID		Field ID	

Please check samples in column provided if Herbicide analysis requested. If Herbicide, please indicate name of Herbicide in Add'l Info box below.

Lab Number (Lab Use Only)	Sample ID (6 chars. max)	PT2	Individual Analysis														Nitrate-N	Chloride	Crop/Growth Stage (please use Crop Code)	Disease	Herbicide
			N	P	K	Mg	Ca	Na	S	Fe	Al	Mn	B	Cu	Zn						

PT2 - Nitrogen, Phosphorus, Potassium, Magnesium, Calcium, Sodium, Sulfur, Iron, Aluminum, Manganese, Boron, Copper, Zinc

Herbicide and Disease Analysis - Inquire

DO NOT SUBMIT PLANT SAMPLES IN PLASTIC BAGS!

Additional Tests or Other Information

Symptoms:

PLANT TISSUE SAMPLE INFORMATION SHEET

Submittal of information sheet to A&L Analytical Laboratories, Inc. is acceptance of our terms and conditions. All prices are subject to change without notice. Additional fees may be charged to client if sample requires additional preparation procedures.



SOIL SAMPLE INFORMATION SHEET

CUSTOMER INFORMATION										GROWER INFORMATION											
										Send Report to e-mail address											
Account #					Grower ID							Farm ID					Field ID				

Please check samples in column provided if Herbicide or Nematode analysis requested. If Herbicide, please indicate name of Herbicide in Add'l Info box below.

Lab Number (Lab Use Only)	Sample ID (6 chars. max)	S1M	S2M - Specify Add'l Tests								S3M	Soluble		NO3-N	Additional Tests	Intended Crop Code	Intended Crop Yield	Alternate Crop Code	Alternate Crop Yield	Previous Crop	Herbicide	Nematode
			B	Cu	Fe	Mn	Na	S	Zn	Salts		Texture										

S1M - Organic Matter, Phosphorous, Potassium, Calcium, Magnesium, pH, Buffer pH

S2M - S1M plus any two of the following: Sodium, Sulfate-Sulfur, Boron, Zinc, Manganese, Iron, Copper. Each additional test (above two) cost \$2.00.

S3M - S1M plus all of the following: Sodium, Sulfate-Sulfur, Boron, Zinc, Manganese, Iron, Copper.

CROP CODES TO BE USED IF FERTILIZER RECOMMENDATIONS ARE REQUESTED

If the crop for which you would like recommendations is not listed, write the crop name in the crop code boxes.

FIELD CROPS	FORAGE CROPS		TURFGRASS
1. Barley	101. Alfalfa Hay	161. Coastal Bermuda Hay	
5. Canola	103. Alfalfa/Cool Season Grass Hay	162. Coastal Bermuda Pasture	
10. Corn	106. Alfalfa/Warm Season Grass Hay	172. Cool Season Grass Pasture	
11. Corn/Soybeans Rotation	116. Bahiagrass Hay	173. Cool Season Grass Hay	
12. Corn - No Till	117. Bahiagrass Pasture	181. Fescue Hay	512. Bahiagrass Lawn
13. Corn Silage	121. Common Bermuda Hay	182. Fescue Pasture	513. Bahiagrass Sod Production
20. Cotton	122. Common Bermuda Pasture	183. Fescue/Legume Hay	517. Bentgrass Green
21. Cotton - No Till	123. Common Bermuda/Legume Hay	184. Fescue/Legume Pasture	521. Bermudagrass Athletic Field
25. Grain Sorghum	124. Common Bermuda/Legume Pasture	237. Ryegrass	522. Bermudagrass Fairway
30. Oats	INDICATE TYPE OF GRASS AND/OR LEGUME		523. Bermudagrass Green
32. Peanuts	297. OTHER HAY		524. Bermudagrass Lawn
34. Popcorn	298. OTHER PASTURE		525. Bermudagrass Sod Production
35. Rapeseed	299. CRP		526. Bermudagrass Tee
36. Rice	VEGETABLE CROPS		533. Bluegrass Lawn
39. Rye	307. Beans - Lima	381. Spinach	534. Bluegrass Sod Production
45. Soybeans	309. Beans - Snap	382. Squash	546. Centipede Lawn
46. Soybeans - No Till	320. Cabbage	383. Sweet Corn	547. Centipede Sod Production
51. Sugarcane - Plant	322. Cantaloupe	384. Sweet Potato(ton)	561. Fescue Athletic Field
52. Sugarcane - Stubble	330. Cucumbers	391. Sweet Potato(bu)	563. Fescue Lawn
62. Tobacco - Burley	340. Garden	385. Tomatoes	564. Fescue Sod Production
63. Tobacco - Dark	369. Peppers	398. Watermelons	576. St. Augustine Lawn
64. Tobacco - Flue Cured			577. St. Augustine Sod Production
75. Wheat			583. Zoysiagrass Lawn
78. Wheat Silage/Corn Silage			584. Zoysiagrass Sod Production
92. Wheat/Beans Double Crop			
	FRUIT & NUT CROPS		
	400. Apples		
	410. Blueberries		
	420. Citrus		
	430. Grapes		
	470. Peaches		
	475. Pecans		
	490. Strawberries		

Additional Tests or Other Information

A&L Analytical Laboratories, Inc.

2790 Whitten Rd • Memphis • TN • 38133 • 901-213-2400 • Fax 901-213-2440



WATER SAMPLE INFORMATION SHEET

Client Information		Sampling Instructions						
Company Name		(1) The sampling bottle shall be kept unopened until the moment it is to be filled. (2) Remove the cap, taking care to avoid soiling. During sampling, do not handle the cap and neck of the bottle. (3) If the sample is taken from a tap, remove the aspirator, open tap fully and allow water to run for 2-3 mins. The flow should be adjusted to keep from splashing when filling the bottle. (4) Do not touch the inside of the bottle. Rinse the bottle 3 times with the water. (5) Leave air space (approximately 1 inch) in the bottle to allow proper mixing of the water sample. (6) Replace the cap immediately. Tighten cap securely. (7) Ensure at least 100 mL of water is obtained. (8) Label sample with unique complete descriptive identification.						
Address								
City, State, Zip								
A&L Account #								
Grower Name	Sample Identification	Check Test Package/Report Option Desired						Sample Date
		A70	A71	A72	Combo A71/A72	A73	A74	
								MM/DD/YY
								MM/DD/YY
								MM/DD/YY
								MM/DD/YY
								MM/DD/YY
								MM/DD/YY
								MM/DD/YY
								MM/DD/YY
Test Package	Sodium, Calcium, Magnesium, Hardness, Chloride, Conductivity, Sulfate, Nitrate-Nitrogen, Ammoniacal-Nitrogen, pH, Carbonate, Bicarbonate, Phosphorus, Potassium, Total Dissolved Solids, SAR, Boron, Iron, Copper, Zinc, Manganese, Aluminum, Molybdenum							
A70	Data Only Report - No Interpretation							
A71	Irrigation Suitability Report							
A72	Agricultural Spray Water Suitability Report							
Combo A71/A72	Includes both the irrigation suitability interpretation and the agricultural spray water interpretation (no additional cost)							
A73	Irrigation Water with Added Fertilizers (Data Only Report) - Sodium, Calcium, Magnesium, Hardness, Conductivity, Sulfate, Nitrate-Nitrogen, Ammoniacal-Nitrogen, Inorganic-Nitrogen, pH, Phosphorus, Potassium, Boron, Iron, Copper, Zinc, Manganese, Molybdenum							
A74	Fish Pond Package - Alkalinity, Calcium, Magnesium, Hardness, pH							
Additional Tests or Other Information								

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Waters Agricultural Laboratories, Inc.
 257 Newton Highway - P.O. Box 382
 Camilla, Georgia 31730-0382
 Phone: (229) 336-7216 Fax (229) 336-7967

Water Sample Information Sheet

Charge To:			Grower:		
Date Sampled:	Total No. of Samples:	Phone:	Fax:		
Date Submitted:		Email:			

Basic Water Analysis

Lab #	Sample ID	Description	Water Test Requested										Individual Test				Remarks
			1	2	3	4	5	6	7	8	9		pH	Nitrate	Purity	Chloride	
1																	
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	
11																	
12																	
13																	
14																	
15																	

Explanation of Tests:

- TEST 1: Irrigation Suitability:** Nitrate, Phosphorus, Potassium, Calcium, Magnesium, Sodium, Chloride, Sulfate, Boron, Carbonate, Bi-carbonate, pH, Conductivity, Total Dissolved Solids, and Sodium Absorption Ratio.
- TEST 2: Livestock Suitability:** Nitrate, Calcium, Magnesium, Sodium, Chloride, Sulfate, pH, Conductivity, and Total Dissolved Solids.
- TEST 3: Fish Pond Recommendations:** Calcium, Magnesium, Hardness, and pH (Test includes lime and general fertilizer recommendations).
- TEST 4: Domestic Suitability:** Purity (Total Coliform/Generic E.coli), Calcium, Magnesium, pH, Total Hardness, Conductivity, Total Dissolved Solids, and Nitrate Nitrogen.
- TEST 5: Poultry Suitability:** Total Dissolved Solids, Total Bacteria, Coliform Bacteria, Nitrate, Nitrite, pH, Hardness, Calcium, Chloride, Copper, Iron, Lead, Magnesium, Sodium, Sulfate, and Zinc.

- TEST 6: NUTRIENT SOLUTION: (ppm Levels):** Nitrate-Nitrogen, Ammonia-Nitrogen, Phosphorus, Potassium, Calcium, Magnesium, Sulfate, Boron, Zinc, Manganese, Iron, and Copper.
- TEST 7: FHA/VA Real Estate Test:** Purity (Total Coliform and E. Coli), Nitrate-Nitrogen, Nitrite-Nitrogen, and Lead
- TEST 8: Acid Titration Curve:** Includes pH, Bicarbonate, and estimate of acid or product required
- TEST 9: Food Safety Irrigation Suitability:** Includes Irrigation Suitability Test Plus, Total Coliform and Generic E.Coli Counts

16 ounces of water is needed for each test package listed above



Waters Agricultural Laboratories, Inc.
257 Newton Highway
P.O. Box 382
Camilla, Georgia 31730-0382
Phone (229) 336-7216
Fax (229) 336-7967

Soil & Plant Information Sheet

Store #:

Grower:

Charge To:

Customer #:

Field ID:

Fax#:

Date Submitted:

Total No. of Samples:

Phone #:

Email:

S o i l	P l a n t	Sample No.	Lab Number	Planned		Soil Test Requested				Individual					O.M.	Soil Texture	Soluble Salts	Other	Nematode		Plant Test			Remarks
				Crop	Yield	RI	BII	BIII	BIV	Zn	Mn	Fe	Cu	B					Soil	Root	Basic	Other	Stage of Growth	

Explanation of Soil Test:

Routine Test 1:	Available Phosphorus, Exchangeable Potassium, Magnesium and Calcium, Soil pH (Water & Buffer), Cation Exchange Capacity and Percent Base Saturation of Cation Elements. <u>PLUS ANY TWO OF: BORON, ZINC, MANGANESE, IRON, COPPER. (CHECK ELEMENTS DESIRED UNDER INDIVIDUAL)</u>
Basic Test 2:	Available Phosphorus, Exchangeable Potassium, Magnesium and Calcium, Soil pH (Water & Buffer), Cation Exchange Capacity and Percent Base Saturation of Cation Elements.
Basic Test 3:	Available Phosphorus, Exchangeable Potassium, Magnesium and Calcium, Soil pH (Water & Buffer), Cation Exchange Capacity and Percent Base Saturation of Cation Elements. <u>PLUS ANY FOUR OF: ZINC, MANGANESE, IRON, COPPER, BORON (CHECK ELEMENTS DESIRED UNDER INDIVIDUAL).</u>
Basic Test 4:	Available Phosphorus, Exchangeable Potassium, Magnesium and Calcium, Soil pH (Water & Buffer), Cation Exchange Capacity and Percent Base Saturation of Cation Elements. <u>PLUS SULFATE SULFUR, BORON, ZINC, MANGANESE, IRON and COPPER.</u>
Organic Matter:	% Organic Matter. Soil Texture: %Sand, %Clay, %Silt, and Soil Classification.
Soluble Salts:	Soluble Salt Content. Other: List any element from above or Aluminum, Sodium or Nitrate Nitrogen.

Explanation of Nematode Test:

Nematode Assay:	Soil: Complete Parasitic Count. Roots: Complete Parasitic Count.
Explanation of Plant Tissue Test:	
Basic Test:	Nitrogen, Phosphorus, Potassium, Magnesium, Calcium, Sulfur, Boron, Zinc, Manganese, Iron and Copper.
Other:	List any element from above or Aluminum, Sodium, Molybdenum or Chloride.