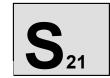


Soil, Water and Forage Testing Laboratory Department of Soil and Crop Sciences Texas AgriLife Extension Service



# **SOIL SAMPLE INFORMATION FORM**

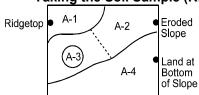
Please submit this completed form and payment with samples. Mark each sample bag with your sample identification and ensure that it corresponds with the sample identification written on this form. \*See sampling and mailing instructions on the back of this form.

(PLEASE DO NOT SEND CASH)

SUBMITTAL AND I	INVOICE INFORM	ATION: This info	ormation will be used	l for all official in	voicing and communication.	Sheet of	
Name					County where sampled		
Mailing Address					Phone		
					Email*		
CityState Zip					Payment (DO NOT SEND CASH)		
					☐ Check/ Money Order (keep your M.O. receipt)		
CLIENT NAME: C	lient name will only be in	ncluded with informati	ion above on result rep	orts.	Make Checks Payable to: So	oil Testing Laboratory	
					Amount Paid \$		
Name					☐ Prepayment on Aggie Marketplace Payment		
Lab Use only					Order Number\$amount		
Lab 000 drilly					Extension of Credit-Bill,		
				Samples will not be processed if payment is not received or a valid AG-257 is not on file with Texas A&M AgriLife Extension Service.			
					See Website for Form AG-257 in		
SAMPLE INFORMATION (Required)							
Laboratory #	Your Sample	Acreage		ou growing?	Select only one	Growing a forage?	
(For Lab Use)	I.D.	Represented	Crop, Yie	ld Goal, Use	analysis suite/sample	e How is used?	
					□1 □2 □3 □4 □5	□Grazing □ Hay	
					□6 □7 □8 □9 □10	☐Grazing and Hay	
						☐Min. requirement ☐Establishment	
		+					
					□1 □2 □3 □4 □5 □6 □7 □8 □9 □10	☐ Grazing ☐ Hay ☐ Grazing and Hay	
						☐ Grazing and riay	
						□Establishment	
					□1 □2 □3 □4 □5	□Grazing □ Hay	
					□6 □7 □8 □9 □10	☐ Grazing and Hay	
						☐Min. requirement	
						□Establishment	
						☐ Grazing ☐ Hay	
					□6 □7 □8 □9 □10	☐ Grazing and Hay ☐ Min. requirement	
						□   Establishment	
*A \$2.00 mail fee will be charged for all invoice and sample results mailed via USPS. Results and invoice can be emailed in PDF							
form for free.   ☐ email results ☐ Charge \$2 for mailing  We strongly suggest emailing the laboratory at soiltesting@tamu.edu prior to shipping your samples. This will provide the laboratory a valid email address							
					nailed to the address listed above.		
Analysis Suites (or	nly one per sample)			9. R + Organic I	Matter (OM) (a)	\$32 per sample	
1. Routine Analysis (R) (1) \$12 per sample					suite 1, adds organic matter test)		
(pH, NO3-N, Conductivity and Mehlich III by ICP P, K, Ca, Mg, Na, and S)  2. Routine + Micronutrients (Micro) (2) \$19 per sample				10. R + Texture	+ OM (9) uite 8, adds organic matter test)	\$52 per sample	
(In addition to suite 1, DTPA Zn, Fe, Cu, and Mn)  3. R + Micro + Hot Water Soluble Boron (B) (3) \$26 per sample					iled to address listed above	\$2 per invoice	
(In addition to suite 2, adds boron)				Contact labor	atory to determine services are	available beyond the	
4. R + Detailed Salinity (Sal) (4) \$34 per sa (In addition to suite 1, saturated paste extractable Ca, Mg, K, Na, conductivity, pH and SAR)				suite analyses listed to the left or above.			
5. R + Micro + Sal (5) \$41 per sample					sting@tamu.edu or 979-845-481	ნ.	
(In addition to suite 2, includes detailed salinity)  6. R + Micro + Detailed Limestone Requirement (Lime) (6)  \$31 per sample  Note: Organic Matter, Detailed Salinity and Texture may require							
(In addition to suite 2, adds exchangeable acidity titration test)				longer processing time.			
7. R + Micro + B + Lime + Organic Matter + Sal (16) \$81 per sample (In addition to suite 3, adds organic matter and detailed salinity tests)				Pricing valid until 12-31-2021.			
8. R + Textural Analysis (7) \$32 per sample (In addition to suite 1, adds soil textural analysis)				The latest form can be downloaded at the laboratory's website:			
(in addition to suite 1, adds soil textural analysis)  http://soiltesting.tamu.edu							

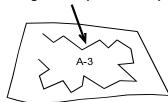
# **Procedure for Taking Soil Samples**

## Taking the Soil Sample (Refer to Figure 1)

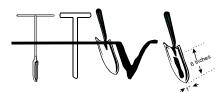


- Take one composite sample for every 10 to 40 acres. A separate sample should be taken for:
- ⇒ Areas with different soil types
- ⇒ Areas with different land uses or fertilizer uses
- ⇒ Areas with different terrain
- Approximately 1 pint of the composite soil sample is required for routine analyses. Additional sample is required for texture or detailed salinity (submit 2 sample bags marked identically).
- Avoid sampling areas such as small gullies, slight field depressions, terrace waterways, or unusual areas.
- When sampling fertilized fields, avoid sampling directly in fertilized band.

### Taking a Composite Sample (Refer to Figures 2 and 3)



- Take a sample from 10 to 15 different areas.
- Use a spade, soil auger or soil sampling tube.
- Clear litter from the surface (do not remove decomposed black material).
- When using a soil auger or sampling tool, make the core or boring 6 inches deep into the soil (3 to 4 inches deep for permanent sod)
- When using a spade:
- ⇒ Dig a V-shaped hole and take a 1 inch slice from the smooth side of the hole.
- ⇒ Take a 1 x 1 inch core from the center of the shovel slice
- Repeat in 10 to 15 different places. Put in a clean plastic bucket or other nonmetallic container, thoroughly mix and remove a pint (or more if additional tests are desired) as a composite sample representing the whole field or area.



- To improve the nitrate-nitrogen analysis, samples may be **air dried** before sending to the laboratory. **Do not use heat** to dry samples.
- Completely fill soil sample bag or other suitable pint container. Do not use old vegetable cans, tobacco cans, match boxes, glass containers, etc. to submit samples. If more than one sample bag is used, label bags as 1 of 2, 2 of 2, etc.

#### **Shipping the Sample and Payment (Refer to Figure 4)**



- Complete the information form on the front page (information required for recommendations).
- Payment must be included with samples, prepaid on Aggie Marketplace or a completed AG-257 must be on file for samples to be processed. Go to the laboratory website for easy access to the Aggie Marketplace payment option. Please note that the *price is per sample*. The AG-257 is attached or can be located at https://agrilifeas.tamu.edu/documents/ag-257.pdf/
- Be sure to keep a record for yourself of the area represented by each sample.
- Be sure that sample numbers on sample bags correspond with sample numbers on the front page.
  - Send samples and payment to:

**United States Postal Service** 

Other Couriers (FedEx. UPS, etc.)

Soil, Water and Forage Testing Laboratory 2478 TAMU College Station, TX 77843-2478 Soil, Water and Forage Testing Laboratory 2610 F&B Road College Station, TX 77845 Phone: (979) 845-4816

Website: soiltesting.tamu.edu Email: soiltesting@tamu.edu

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