

# PROFILE SOIL SAMPLE INFORMATION FORM

Please submit this completed form and payment with samples. Mark each sample bag with your unique 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 INVOICE INFORMATION:** This information will be used for all official invoicing and communication.

Sheet \_\_\_ of \_\_\_

Name \_\_\_\_\_

County where sampled \_\_\_\_\_

Address \_\_\_\_\_

Phone \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Email\* \_\_\_\_\_

**CLIENT NAME:** Client name will only be included with information above on result reports.

Name \_\_\_\_\_

This form is only for paired (surface and subsurface) profile sample submittal. All subsurface samples must have a corresponding surface soil. If submitting non-profile samples, use regular Soil Submission form.

**Payment (DO NOT SEND CASH)**

☐ Check/ Money Order (keep your M.O. receipt)

Amount Paid \$ \_\_\_\_\_

Make Checks Payable to: **Soil Testing Laboratory**

☐ Prepayment on Aggie Marketplace Payment

Order Number \_\_\_\_\_ \$ amount \_\_\_\_\_

☐ Extension of Credit-Bill, AG-257 on file

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 more information on Form AG-257

SAMPLE INFORMATION (Required)					(See options listed below)	
Laboratory # (For Lab Use)	Your Sample I.D.	Acreage Represented	Previous lime/ fertilizer	What are you growing?	Requested analyses	How is forage used?
					<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 <input type="checkbox"/> 8 <input type="checkbox"/> 9 <input type="checkbox"/> 10	<input type="checkbox"/> Grazing (G) <input type="checkbox"/> G&H <input type="checkbox"/> Hay (H) <input type="checkbox"/> **Min. requirement
	This subsurface sample must correspond to surface sample listed above.		Sampling Depth: <input type="checkbox"/> 6-12" <input type="checkbox"/> 6-18" <input type="checkbox"/> 6-24"		<input type="checkbox"/> 1 <input type="checkbox"/> 11	
					<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 <input type="checkbox"/> 8 <input type="checkbox"/> 9 <input type="checkbox"/> 10	<input type="checkbox"/> Grazing (G) <input type="checkbox"/> G&H <input type="checkbox"/> Hay (H) <input type="checkbox"/> **Min. requirement
	This subsurface sample must correspond to surface sample listed above.		Sampling Depth: <input type="checkbox"/> 6-12" <input type="checkbox"/> 6-18" <input type="checkbox"/> 6-24"		<input type="checkbox"/> 1 <input type="checkbox"/> 11	

\*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](mailto:soiltesting@tamu.edu) prior to shipping your samples. This will provide the laboratory a valid email address for returning your results and invoice. Bounced emails will be billed \$2 and a hardcopy will be mailed to the address listed above.

<b>1. Routine Analysis (R)</b> (1) (pH, NO <sub>3</sub> -N, Conductivity and Mehlich III by ICP P, K, Ca, Mg, Na, and S)	<b>\$12 per sample</b>
<b>2. R + Micronutrients (Micro)</b> (2) (in addition to Suite 1, DTPA Zn, Fe, Cu, and Mn)	<b>\$19 per sample</b>
<b>3. R + Micro + Hot Water Soluble Boron (B)</b> (3) (in addition to suite 2, adds boron)	<b>\$26 per sample</b>
<b>4. R + Micro + Detailed Salinity (Sal)</b> (4) (in addition to Suite 1, saturated paste extractable Ca, Mg, K, Na, conductivity, pH and SAR)	<b>\$34 per sample</b>
<b>5. R + Micro + Sal</b> (5) (in addition to Suite 2, includes detailed salinity test)	<b>\$41 per sample</b>
<b>6. R + Micro + Detailed Limestone Requirement (Lime)</b> (6) (in addition to Suite 2, includes detailed limestone test)	<b>\$31 per sample</b>
<b>7. R + Micro + B + Lime + Organic Matter + Sal</b> (16) (in addition to Suite 3, adds organic matter and detailed salinity)	<b>\$81 per sample</b>
<b>8. R + Textural Analysis</b> (7) (in addition to Suite 1, adds textural analysis)	<b>\$32 per sample</b>

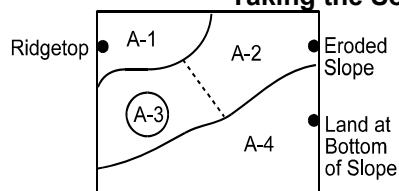
<b>9. R + Organic Matter</b> (8) (in addition to Suite 1, includes organic matter)	<b>\$32 per sample</b>
<b>10. R + Texture Analysis + Organic Matter</b> (9) (in addition to Suite 8, includes organic matter)	<b>\$52 per sample</b>
<b>11. Nitrate-N only</b> (nitrogen crediting recommendations only) (18)	<b>\$6 per sample</b>
<b>Hardcopy mailed to address listed above</b>	<b>\$2 per invoice</b>
** Min. requirement to maintain grass/erosion cover	
Contact laboratory to determine services are available beyond the suite analyses listed to the left.	
Note: Organic Matter, Detailed Salinity and Texture may require longer processing time.	

**Pricing valid until 12-31-2021.**

The latest form can be downloaded at the laboratory's website:  
<http://soiltesting.tamu.edu>

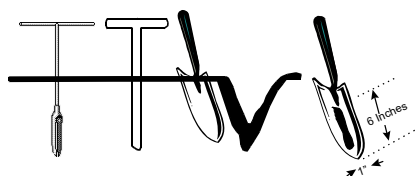
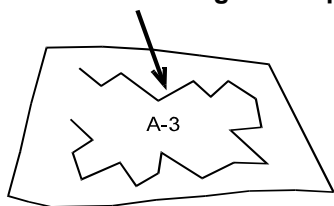
# Procedure for Taking Soil Samples

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



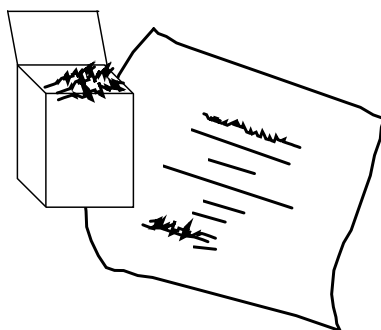
- Take one composite sample for every 10 to 40 acres. A separate sample should be taken for:
  - ⇒ Areas with different soil types
  - ⇒ Areas with different land uses or fertilizer uses
  - ⇒ Areas with different terrain
- Approximately 1 pint of the composite soil sample is required for routine analyses. 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 non-metallic 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](http://soiltesting.tamu.edu)

Email: [soiltesting@tamu.edu](mailto:soiltesting@tamu.edu)