



SOIL SAMPLE INFORMATION FORM

D-494

TEXAS AGRICULTURAL EXTENSION SERVICE

THE TEXAS A&M UNIVERSITY SYSTEM

Soil, Water and Forage Testing Laboratory

Please submit this completed form and payment with samples. Mark each soil sample bag with your sample identification and ensure that it corresponds with the sample identification written on this form. See sampling procedures and mailing instructions on the back of this form. **(PLEASE DO NOT SEND CASH)**

SUBMITTED BY:

Results will be mailed to this address **ONLY**

Name _____ County where sampled _____

Address _____ Phone _____

City _____ State _____ Zip _____

FOR:

(Optional-will not receive copy)

Name _____

Address _____

City _____ State _____ Zip _____

Payment *(DO NOT SEND CASH)*.

- Check
- Money Order
- Government Account

Amount Paid \$ _____

Make Checks Payable to: Soil Testing Laboratory

CROP/PLANT INFORMATION (Required for Recommendations)					Requested Analyses	How is Forage Used?
Laboratory # (For Lab Use)	Your Sample I.D.	Acreage Represented	Previous Lime or Fertilizer	What Are You Growing-Yield Goal?	(See Options Listed Below)	
					<input type="checkbox"/> 1 <input type="checkbox"/> 4 <input type="checkbox"/> 7 <input type="checkbox"/> 2 <input type="checkbox"/> 5 <input type="checkbox"/> 8 <input type="checkbox"/> 3 <input type="checkbox"/> 6 <input type="checkbox"/> 9	<input type="checkbox"/> Grazing (G) <input type="checkbox"/> G & H <input type="checkbox"/> Hay (H) <input type="checkbox"/> * Min. Requirement
					<input type="checkbox"/> 1 <input type="checkbox"/> 4 <input type="checkbox"/> 7 <input type="checkbox"/> 2 <input type="checkbox"/> 5 <input type="checkbox"/> 8 <input type="checkbox"/> 3 <input type="checkbox"/> 6 <input type="checkbox"/> 9	<input type="checkbox"/> Grazing (G) <input type="checkbox"/> G & H <input type="checkbox"/> Hay (H) <input type="checkbox"/> * Min. Requirement
					<input type="checkbox"/> 1 <input type="checkbox"/> 4 <input type="checkbox"/> 7 <input type="checkbox"/> 2 <input type="checkbox"/> 5 <input type="checkbox"/> 8 <input type="checkbox"/> 3 <input type="checkbox"/> 6 <input type="checkbox"/> 9	<input type="checkbox"/> Grazing (G) <input type="checkbox"/> G & H <input type="checkbox"/> Hay (H) <input type="checkbox"/> * Min. Requirement
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					<input type="checkbox"/> 1 <input type="checkbox"/> 4 <input type="checkbox"/> 7 <input type="checkbox"/> 2 <input type="checkbox"/> 5 <input type="checkbox"/> 8 <input type="checkbox"/> 3 <input type="checkbox"/> 6 <input type="checkbox"/> 9	<input type="checkbox"/> Grazing (G) <input type="checkbox"/> G & H <input type="checkbox"/> Hay (H) <input type="checkbox"/> * Min. Requirement
					<input type="checkbox"/> 1 <input type="checkbox"/> 4 <input type="checkbox"/> 7 <input type="checkbox"/> 2 <input type="checkbox"/> 5 <input type="checkbox"/> 8 <input type="checkbox"/> 3 <input type="checkbox"/> 6 <input type="checkbox"/> 9	<input type="checkbox"/> Grazing (G) <input type="checkbox"/> G & H <input type="checkbox"/> Hay (H) <input type="checkbox"/> * Min. Requirement

Describe any specific problems you have observed or want to correct:

Choose one analysis group per sample

- 1. Routine Analysis (R) **\$10 per sample**
(pH, NO₃⁻, P, K, Ca, Mg, Na, S, and Conductivity)
- 2. R + Micronutrients (Micro) **\$15 per sample**
(Zn, Fe, Cu, Mn)
- 3. R + Micro + Boron (B) **\$20 per sample**
- 4. R + Detailed Salinity (Sal) **\$25 per sample**
- 5. R + Micro + Sal **\$30 per sample**
- 6. R + Micro + Detailed Lime Requirement (Lime) **\$20 per sample**

- 7. R + Micro + B + Lime + Organic Matter + Sal **\$50 per sample**
 - 8. R + Texture Analysis **\$20 per sample**
 - 9. R + Organic Matter **\$20 per sample**
- Note: Organic Matter, Detailed Salinity and Texture may require longer processing time.**
- *Minimum requirement for establishment

Procedure for Taking Soil Samples

Taking the Soil Sample (Refer to Figure 1)

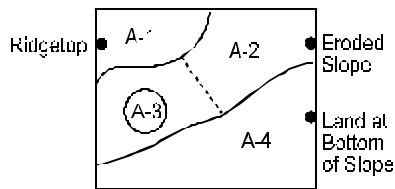


Fig. 1

- 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)

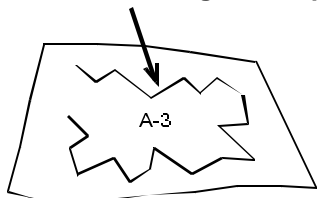


Fig. 2

- 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,

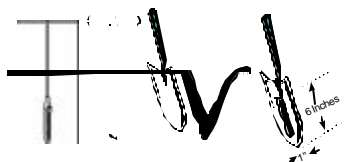


Fig. 3

Shipping the Sample and Payment (Refer to Figure 4)

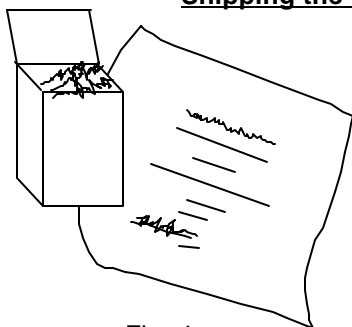


Fig. 4

- Complete the information form on the front page (information required for recommendations).
- Please include payment with the sample. Send check or money order made out to Soil Testing Laboratory. **DO NOT SEND CASH.** Please note that the **price is per sample.**
- 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:

Soil, Water and Forage Testing Laboratory
2474 TAMU
College Station, TX 77843-2474

For further information please contact:
Your local County Extension Service Office

or

Soil, Water and Forage Testing Laboratory
2474 TAMU
345 Heep Center
College Station, TX 77843-2474
Phone: (979) 845-4816