

# LIVESTOCK MANURE SAMPLE SUBMISSION FORM

Analytical Services, Olson Biochemistry Labs, ASC 133  
South Dakota State University, Box 2170, Brookings, SD 57007-1217  
Phone: 605-688-6172 FAX: 605-688-6295  
Web address: <http://anserv.sdstate.edu>

Use one sheet for each sample.

Bill: \_\_\_\_\_ Copy: \_\_\_\_\_  
Name: \_\_\_\_\_ Name: \_\_\_\_\_  
Address: \_\_\_\_\_ Address: \_\_\_\_\_  
City, State, Zip: \_\_\_\_\_ City, State, Zip: \_\_\_\_\_  
Phone: \_\_\_\_\_ FAX: \_\_\_\_\_ Phone: \_\_\_\_\_ FAX: \_\_\_\_\_  
Email: \_\_\_\_\_ Email: \_\_\_\_\_

Sample Identification \_\_\_\_\_ Date Collected: \_\_\_\_\_

Sample Information (check **only one** of each group)

Species: \_\_\_Beef \_\_\_Dairy \_\_\_Swine \_\_\_Poultry \_\_\_Other \_\_\_Mixed

Report as: \_\_\_lb/ton (solid) \_\_\_lb/1000 gallons (liquid)

Storage System/Solid: \_\_\_Daily scrape, \_\_\_Manure pack, \_\_\_Open lot, \_\_\_Deep pit(poultry), \_\_\_Litter(poultry), \_\_\_Manure stacking.

Storage System/Liquid: \_\_\_Anaerobic pit, \_\_\_Above ground tank, \_\_\_Earthen storage (pond), \_\_\_Lagoon

Payment Enclosed: \$\_\_\_\_\_ All fees subject to 4% sales tax and applicable city tax.

Charges for out of state residents are 1.5 times those listed below.

Make Checks Payable to: Olson Biochemistry Labs

For information on collecting samples refer to SD-NRSC-FS-36, "Sampling Manure for Nutrient Management" (11/2002) available from your local Conservation District /NRCS or Cooperative Extension Service office.

**\$10.00 Sample handling and preparation. (Required for all samples)**

**\$40.00 N, P, K and NH<sub>4</sub>-N (required for DENR general permit coverage).**

\$28.00 N, P, K analysis.

\$19.00 P and K analysis.

## Individual Tests

\$ 9.00 Total nitrogen (N)  \$14.50 Sulfur (S)

\$15.00 Nitrate-nitrogen (NO<sub>3</sub>-N)  \$ 4.50 Moisture

\$12.00 Ammonium Nitrogen (NH<sub>4</sub>-N)  \$ 4.00 Density

\$24.00 Urea-nitrogen, includes Ammonium N  \$ 5.00 pH

\$12.00 Selenium (Se)

Check desired element(s). First element is \$14.50 and \$4.50 for each additional element.

<input type="checkbox"/> Phosphorus (P)	<input type="checkbox"/> Iron (Fe)	<input type="checkbox"/> Cobalt (Co)
<input type="checkbox"/> Potassium (K)	<input type="checkbox"/> Zinc (Zn)	<input type="checkbox"/> Magnesium (Mg)
<input type="checkbox"/> Sodium (Na)	<input type="checkbox"/> Calcium (Ca)	<input type="checkbox"/> Manganese (Mn)

Check desired element(s). First element is \$27.00 and \$14.50 for each additional element.

<input type="checkbox"/> Arsenic (As)	<input type="checkbox"/> Lead (Pb)	<input type="checkbox"/> Cadmium (Cd)	<input type="checkbox"/> Molybdenum (Mo)
---------------------------------------	------------------------------------	---------------------------------------	--

Element profile by ICP. Inquire.

**Note: All elements are "total" unless otherwise indicated. P is reported as P<sub>2</sub>O<sub>5</sub> and K is reported as K<sub>2</sub>O.**