



Lab Use Only

Date Rec'd

Report #

Manure Sample Information Sheet

Please check how you would like to receive your results: <input type="checkbox"/> U.S. Mail <input type="checkbox"/> Email			Method of Payment:	
County where sample was taken:			Account ID	
			OR Amount Paid \$	
Name:				
Address:			<input type="checkbox"/> Check No.	
City:	State:	Zip:	<input type="checkbox"/> VISA/MC	
Phone:			See confirmation email pay online.	
Email Address:				

Routine Analysis includes dry matter/
moisture, total nitrogen, phosphorus,
potassium, and sulfur. \$33.00*

	1st Sample	2nd Sample	3rd Sample	4th Sample
Sample Identification:				
Solid Manure (results reported in lbs/ton)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Liquid Manure (results reported lbs/1000 gal)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Species:

- | | |
|------------------------------|------------------------|
| 1) Dairy | 7) Chicken-broiler |
| 2) Veal/Dairy Calf | 8) Chicken-layer |
| 3) Beef | 9) Turkey |
| 4) Swine-finish(indoor pit) | 10) Duck |
| 5) Swine-finish(outdoor pit) | 11) Horse 13) Goat |
| 6) Swine-farrow/nursery | 12) Sheep 14) Other |

Treatment:

- | | |
|----------------------------|-----------------------------|
| a) None | e) Chemical additive |
| b) Solid-liquid separation | (flocculants or coagulants) |
| c) Anaerobic digestion | f) Other (list) |
| d) Composting | |

Type of Storage:

- | | |
|----------------------|-------------------------|
| 1) daily haul | 6) stacked pile-outside |
| 2) earthen pit | 7) stacked pile-inside |
| 3) concrete pit | 8) bedded pack |
| 4) pit under barn | 9) under cages |
| 5) above ground tank | 10) other (list) |

Type of Bedding:

- | | |
|--------------------------|-----------------|
| 1) sawdust/shavings/bark | 4) sand |
| 2) shredded paper | 5) mattresses |
| 3) hay/straw | 6) other (list) |

Additional Tests: (Price in addition to routine package. More if separate; call lab for quote.)

Ammonium-Nitrogen (NH ₄ -N)	\$12.00	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ash and C:N Ratio (est. from ash:TN)	\$10.00	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Total Minerals	\$25.00	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
_____ Other		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Manure Sampling Instructions

UW-Madison

Solid manure – Dairy, Beef, Swine

Sampling directly from a stack or bedded pack – Take samples from several locations throughout the pile or pack area using fork, shovel or spade. Thoroughly mix the composite sample and subsample using a one-gallon plastic bag. *Sampling direct from a stack or bedded pack is not the preferred option.*

While loading – *Recommended method for sampling from a stack or bedded pack.* Take samples while loading several spreader loads and combine to form one composite sample. Thoroughly mix the composite sample and subsample using a one-gallon plastic bag.

During spreading – Spread tarp in field and catch the manure from one pass. Sample from several locations and create a composite sample. Thoroughly mix composite sample together and subsample using a one-gallon plastic bag.

Daily haul – Place a five-gallon pail under the barn cleaner 4-5 times while loading a spreader. Thoroughly mix the composite sample together and subsample using a one-gallon plastic bag. Repeat sampling 2-3 times over a period of time and test separately to determine variability.

Liquid Manure - Dairy, Beef, Swine

From storage – Agitate storage facility thoroughly before sampling. Collect several samples from storage facility or during loading using a five-gallon pail. Place subsample of the composite sample in a one-quart plastic container. *Sampling a liquid manure storage facility without proper agitation (2-4 hours, minimum) is not recommended.*

During application – Place buckets around field to catch manure from spreader or irrigation equipment. Combine and mix samples into one composite subsample in a one-quart plastic container.

Poultry

Collect approximately 10 samples from throughout the house in a ratio proportional to the overall volume of manure they represent.

Sample Storage/Handling

Solid/Semi-solid samples – Thoroughly mix composite sample and fill one-gallon plastic heavy-duty ziplock bag approximate one-half full. Squeeze out excess air, close and seal. Store sample in freezer if not delivered to the lab immediately.

Liquid samples – Thoroughly mix composite sample and fill a one-quart plastic bottle not more than three-quarters full. Remember, to always use screw-top plastic containers for safety. Free plastic sample bottles are available from the UW Soil and Forage Laboratory. *Glass containers are not acceptable.* Store sample in freezer if not hand delivered to the lab immediately.

Keep all manure samples frozen until shipped or delivered to a laboratory. Ship early in the week (Mon.-Wed.) and avoid holidays and weekends. Do not mail over holidays or weekends.
