



# MANURE

For lab use only

Submitted By: \_\_\_\_\_ Submitted For: \_\_\_\_\_  
 Contact Name: \_\_\_\_\_ Contact Name: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_ Postal: \_\_\_\_\_  
 Phone: \_\_\_\_\_  
 Cell: \_\_\_\_\_  
 Fax: \_\_\_\_\_  
 Email: \_\_\_\_\_  
 Date Submitted: \_\_\_\_\_  
 Reported By: Email ( ) Web ( ) Fax ( ) Mail ( )  
 Date Sampled: \_\_\_\_\_

<i>Basic Dry - Dry Matter, Nitrogen, Phosphorous, Potassium, Ammonium Nitrogen</i>	<i>Basic Liquid - Dry Matter, Nitrogen, Phosphorous, Potassium, Ammonium Nitrogen, Total Salt</i>	<i>Option 1 - Calcium, Magnesium</i>	<i>Option 2 - Zinc, Manganese, Copper, Boron</i>	<i>Option 3 - Total Salt</i>	<i>Option 4 - Carbon Nitrogen Ratio</i>	<i>Option 5 - pH</i>
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Sample ID	Sample Description	Manure Type (see codes below)								

**200 Swine**

- 201 Dry Sows and Boars
- 202 Sows SEW
- 203 Sows to Weaner
- 204 Sow - farrow to finish
- 205 Weaners
- 206 Finishers

**210 Dairy**

- 211 Milking Cows
- 212 Cows, Heifers, Calves
- 213 Heifers
- 214 Calves

**220 Beef**

- 221 Cow, Calf-grain fed
- 222 Cow, Calf-pastured
- 223 Finishers

**230 Chicken**

- 231 Pullets
- 232 Layers
- 233 Broilers
- 234 Broiler Breeders

**240 Turkey**

- 241 Toms
- 242 Breeders

**250 Sheep**

- 251 Dairy
- 252 Meat
- 253 Wool

**260 Goat**

- 261 Dairy
- 262 Meat

**280 Miscellaneous**

- 281 Geese
- 282 Duck

Please make cheque payable to SGS Canada Inc, or contact the laboratory with credit card information.

Please contact the laboratory for pricing information.

Samples received without payment or prior credit arrangement will not be processed.

**Note: Important Sample Information on Reverse**

Sample Retention: Perishable samples 2 weeks/Non-perishable samples 3 months. Extended retention times must be advised and may be subject to additional costs. This document is issued by the Company under its General Conditions of Service accessible at <https://www.sgs.com/en/terms-and-conditions> (Printed copies are available upon request.) Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.



## Sampling Instructions for Manure

### Sampling Liquid Manure

For liquid manure, take a sample each time the storage is emptied. Manure applied from a storage emptied in spring will be different from the manure applied from the same storage emptied in late summer.

Agitate the storage completely. With a plastic pail collect samples from various depths of the storage, as it is being emptied. Mix 10 to 20 of these samples thoroughly and transfer a portion to a plastic jar.

The jar should only be two thirds full to avoid gas build-up and explosion.

Seal it tightly and put it in a plastic bag that is securely tied. Store the sample in a cool place until shipping.

### Sampling Solid Manure

For solid manure, take a sample every time the storage is emptied until a trend becomes evident. Then you can sample every few years or when you make a major change in manure source or in management. These can include changes to ration, bedding, or storage methods.

Solid manure is more difficult to sample randomly. On clean cement or plywood, take samples (a forkful) of manure from various loads leaving the pile or from various parts of the pile. Chop the manure with a shovel or fork and mix the samples together as thoroughly as possible.

Divide the manure in to 4 portions and discard 3. Continue mixing and dividing the manure until you can fill a plastic jar or shipping container that can contain about 500g.

Place the tightly covered sample in a plastic bag and store in a cool place until shipping.

### Sample Suggestions

- Please make sure that manure samples are shipped earlier in the week so that they reach the lab before the weekend.
- If plastic jars with screw caps are needed, please call the lab and we will be happy to supply them.
- Please do not use glass jars or margarine containers as the jars can explode or the lids tend to pop off in transit.
- Please enclose the submission form in its own **separate bag** to prevent damage to the information on the form in case of a leak.

### Sample sizes:

Liquid – 500mL

Dry – 500 grams

These sampling instructions can be found in the Soil Fertility Handbook Publication 611 issued by the Ministry of Agriculture, Food and Rural Affairs and The Fertilizer Institute of Ontario Inc.