

### Manure/Compost Sample Submission Form

Personal information collected by the Soil, Plant & Feed Laboratory is used in order to process and report on samples submitted for analysis. This information is kept confidential and handled as required by the Access to Information and Protection of Privacy (ATIPP) Act. It may be shared within the Department for program delivery purposes. Any questions or comments can be directed to the Manager of Agricultural Research at 709. 637.2089

Sample Submission Information			
Name:		<b>Laboratory Use Only</b>	
Farm name:		Laboratory ID #:	
Farm Registration No.:			
Address:		Date received:	
City/Town:		Number of samples:	
Postal code:		Sample type:	
Phone:	Fax:	Notes:	Payment
e-mail:			Paid <input type="checkbox"/>
cc:			Date: _____

Analysis	
<input type="checkbox"/> <b>Manure</b>	pH, Dry Matter, TN, P, K, Ca, Mg, Fe, Mn, Cu, Zn, B, Na, Soluble Salts.
<input type="checkbox"/> <b>Compost</b> (Origin: _____ )	pH, Dry Matter, N, C, P, K, Ca, Mg, Fe, Mn, Cu, Zn, B, Na, Soluble Salts.

Sample Information								
Lab ID	Sample Type*	Land Application		Laboratory Use Only				
		Time (summer, fall, winter, spring)	How was manure incorporated? **	pH	Pan weight	Wet + pan weight	Dry + pan weight	H <sub>2</sub> O Cond.

**\*Note:** Beef, poultry (broiler or layer), dairy, goat, sheep, swine, etc. If manure sample, specify Solid or Liquid.

\*\*Incorporation examples: injected, incorporated within 24h, incorporated within 3 days, incorporated within 5 days, not incorporated, etc.

Samples can be dropped off Monday – Friday 8:30 AM to 4:30 PM (closed 12:30-1:30 PM).

## Provincial Soil, Plant and Feed Laboratory Services and Pricing

### Sample Types Accepted at Laboratory:

<b>Soil</b>	<b>Soil Amendment</b>	<b>Leaf Tissue</b>	<b>Feed</b>
Mineral soil	Compost	Vegetable	Ration
Organic soil	Manure	Fruit	Forage
Greenhouse Growth Media			Grain
			Hay
			Silage

Note: For information about sample analysis on other sample types not listed above, please call **709.729.6738**

### Costs:

#### **Commercial Farmers**

Routine soil analysis	\$9 + HST
Routine feed analysis	\$7 + HST
Greenhouse growth media analysis	\$7 + HST
Manure/Compost analysis	\$7 + HST

#### **Home Gardeners**

Routine soil analysis	\$20 + HST
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Note: No discount for multiple samples

### Sample submission:

Send samples and completed Sample Submission Form with fee to:

**Provincial Agriculture Building  
Soil, Plant and Feed Laboratory  
P.O. Box 8700, St. John's NL, A1B 4J6**

Note: Fee should be payable by cash, credit card, cheque, or money order (to "Newfoundland Exchequer Account"). Debit can be used in person.

Samples submitted to the Soil, Plant and Feed Laboratory will be retained for one Fiscal year and then disposed of (i.e. April 1 to March 31).

## Sampling Instructions

- **Compost Sample**

Take samples from 3 locations on the pile (near surface, midway to the core, and at the core of the pile); do this 5 times and thoroughly mix in a bucket.

Take a subsample (500 grams or one litre) from the composite; place in a zippered plastic bag and label with compost material, date, farm name, pile #.

Enclose the sample submission form and the sample in another plastic bag; send with payment to the lab.

- **Manure Sample**

### Sampling Liquid Manure

For liquid manure, 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 2/3 full to avoid gas build-up and explosion.

Seal container tightly and put the container 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 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 into 4 portions and discard diagonal 2. 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

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, contact the lab at 709.729.6738.

Do not use glass jars or margarine containers as the jars can explode or the lids can pop off in transit.

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 – 1000mL; Solid – 500 grams.