

Re: Update to Manure Spreading Advisory #1 of 2017: South Coast Region

Date: Aug 1, 2017

Refer to [Manure Spreading Advisory #1](#) of 2017 (April 3, 2017) for the current Advisory. The following Update does not change the Advisory.

This update will look at an aspect of the Right Rate – one of the 4R's of nutrient management
To know the nutrient value of what you apply, you need to know your spreader application rates.

A reliable, quick method to calibrate your estimates is the following:

- 1a. Drive the spreader over a series of pails/jars (liquid manure) OR...
- 1b. Drive the spreader by a series of plastic sheets within the spread pattern (solid manure)
- 2a. Measure the depth of liquid in each pail/jar. Average the depths. (liquid manure) OR...
- 2b. Weigh the manure on the sheets. Average the weights. (solid manure)
- 3a. Use the chart below to determine your application rates.

Liquid manure Calibrations Using a Straight-Walled Pail/Jar				Solid manure Calibrations using a 40 x 48 in. sheet (opened feedbag)			
Depth of manure in pail/jar		Application rate		Manure per sheet		Application rate	
inches	cm	imperial gallons/acre*	L/ha	lb	kg	tons/acre	t/ha
1/10	0.25	2,250	25,200	1	0.45	1.6	3.6
1/8	0.3	3,000	33,600	2	0.91	3.2	7.2
1/4	0.6	5,500	61,600	3	1.4	4.8	10.7
3/8	0.9	8,500	95,200	4	1.8	6.4	14.3
1/2	1.3	11,250	126,000	5	2.3	8.0	17.9
5/8	1.6	14,000	156,000	7	3.2	11.2	25.0
3/4	1.9	17,000	190,400	10	4.5	16.0	35.9
1	2.5	22,500	252,000	15	6.7	24.0	53.8

*Tankers may be sold in US gallon capacity. 1 imperial gallon = 1.2 US gallons.

The factsheet "[Choosing and Calibrating Manure Application Equipment](#)" has calculations to determine uniformity of application and travel speeds based on desired application rates.

Producers are responsible for decisions regarding manure spreading. Legislation gives no specific dates for manure spreading but it does not allow for manure to be spread in a manner that causes pollution.

This Update is produced by government, in partnership with industry, to provide guidance to farmers regarding the *Agricultural Waste Control Regulation* and the *Environmental Management Act*. If a discrepancy arises between this document and the legislation, the legislation takes precedence. Following this advisory does not relieve

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anyone from their obligations under the legislation. The Province of British Columbia does not guarantee the accuracy or completeness of the information referenced here from legislation, and in no event is the Province liable or responsible for damages of any kind arising out of its use.

<p>For further information, please contact BC Ministry of Agriculture:</p> <p>Jeff Nimmo, P.Ag. 604-556-3109 David Poon, P.Ag. 604-556-3098</p>	<p>For questions of a regulatory nature, please contact the BC Ministry of Environment:</p> <p>To report a spill 1-800-663-3456 To report pollution 1-877-952-7277</p>
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