

**Table 5: Nutrient (kg/tonne) And Dry Matter (%) Content For Solid Finishing Pig Manure<sup>1</sup> (Pre-phytase Use)**

Parameter <sup>2</sup>	Fresh			Stockpiled <sup>3</sup>			Composted <sup>4</sup> Fresh			Composted Stockpiled		
	Avg	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg	Min	Max
Total N	<b>6.3</b>	4.8	8.9	<b>6.0</b>	3.7	12.9	<b>6.4</b>	5.0	8.1	<b>7.2</b>	5.8	8.8
NH <sub>4</sub> -N	<b>1.4</b>	1.0	1.8	<b>2.1</b>	1.1	3.1	<b>0.5</b>	0.1	1.2	<b>0.7</b>	0.2	1.0
Total P <sub>2</sub> O <sub>5</sub>	<b>6.5</b>	5.0	9.9	<b>5.5</b>	3.4	8.8	<b>9.2</b>	7.6	10.5	<b>8.6</b>	6.4	9.9
Total K <sub>2</sub> O	<b>8.8</b>	6.0	15.1	<b>9.0</b>	6.8	13.2	<b>10.4</b>	8.9	12.0	<b>10.8</b>	9.0	14.2
Dry Matter	<b>33.2</b>	24.0	45.3	<b>47.1</b>	32.1	63.7	<b>66.4</b>	63.4	69.4	<b>58.2</b>	44.0	63.4

<sup>1</sup> Values are on an as-is basis (i.e. untreated). See Appendix C for imperial units. SOURCE: Agriculture and Agri-Food Canada 2005. Results based on 10 samples.

<sup>2</sup> Total N refers to all forms of nitrogen in manure, but typically only includes ammonium N (NH<sub>4</sub>-N) and organic N. NH<sub>4</sub>-N is the inorganic, readily available form of nitrogen in manure. Total P<sub>2</sub>O<sub>5</sub> refers to all forms of phosphorus in manure expressed in the fertilizer equivalent (P content x 2.3). Total K<sub>2</sub>O refers to all forms of potassium in manure expressed in the fertilizer equivalent (K content x 1.2).

<sup>3</sup> Maintained in a pile for approximately six months and minimally disturbed (i.e. not moved repeatedly or mixed).

<sup>4</sup> Carefully managed to maintain necessary moisture and temperature, resulting in the breakdown of manure to form a stable and uniform material.