

**Table 10. Nutrient concentrations in various types of solid manure, pounds per wet ton.**

Manure type	Total Kjeldahl N	Ammonia N*	Phosphorus (P <sub>2</sub> O <sub>5</sub> )*	Potassium (K <sub>2</sub> O)*
Poultry litter <sup>1</sup>	40–80	10–20	30–60	30–50
Separated dairy solids <sup>2</sup> , 23% DM	5.8–7.4	0.3–0.7	1.8–2.4	2.4–3.6
Swine hoop structures <sup>3</sup>	15	6	12.6	14.4
Mortality compost <sup>4</sup>	15–25	3–6	1–3	4–8

<sup>1</sup> Range of values from NRCS-AWMFH, MWPS-18, Section 2, and University of Missouri studies.

<sup>2</sup> Performance of screen separator at University of Missouri dairy farm

<sup>3</sup> Study averages from Iowa State University. Rhodes Research Farm using cornstalk bedding

<sup>4</sup> Swine mortality compost, University of Missouri

\* Phosphate (P<sub>2</sub>O<sub>5</sub>) = 2.29 x P, Potash (K<sub>2</sub>O) = 1.21 x K, Ammonia N (NH<sub>3</sub>-N) = 1.22 x NH<sub>3</sub>

**Source:** MWPS-18, *Manure Management Systems Series*, Section 2, Manure Storages, Table 5-3.

**Note:** Use only for planning purposes. These values should not be used in place of a regular manure analysis.