

Table 9. Nutrient content of anaerobic lagoon systems.

Animal	Total Kjeldahl N	Ammonia N*	Phosphorus (P ₂ O ₅)*	Potassium (K ₂ O)*
a. Nutrient content (pounds per acre-inch)				
Swine	100–300	85–250	40–80	100–300
Dairy	80–150	45–80	50–100	100–200
Beef	40–120	40–60	80–250	100–250
Poultry	80–170	60–120	50–150	400–500
b. Nutrient content (pounds per 1,000 gallons)				
Swine	3.7–11	3.1–9.2	1.5–2.9	3.7–11
Dairy	2.9–5.5	1.7–2.9	1.8–3.7	3.7–7.4
Beef	1.5–4.4	1.5–2.2	2.9–9.2	3.7–9.2
Poultry	2.9–6.3	2.2–4.4	1.8–5.5	15–18

*Phosphate (P₂O₅) = 2.29 x P, Potash (K₂O) = 1.21 x K,
 NH₃-N (ammonia N) = 1.22 x NH₃

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

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