

Table 2. Daily production of the major nutrients in swine manure in deep-pit buildings.

Animal	Size ^a (lb)	Total manure (ft ³ /day)	Nutrient content (lb/day)		
			(N)	(P ₂ O ₅) [*]	(K ₂ O) [*]
Nursery	25	0.04	0.02	0.01	0.01
Wean-finish (wet/dry feeders) ^{b, c}	135	0.09	0.05	0.04	0.02
Wean-finish (dry feeders) ^{c, d}	135	0.12	0.05	0.04	0.03
Grow-finish (wet/dry feeders)					
Wean-finish (wet/dry feeders) ^b	150	0.12	0.06	0.05	0.03
Grow-finish (dry feeders) ^d	150	0.16	0.06	0.05	0.03
Gestating	275	0.12	0.05	0.04	0.04
Lactating	375	0.36	0.18	0.13	0.14
Boar	350	0.12	0.05	0.04	0.04

*Phosphate (P₂O₅) = 2.29 x P, Potash (K₂O) = 1.21 x K

^a Weights represent the average size of the animal during the stage of production.

^b Dry feeders used in conjunction with cup or swing waterers have similar results as wet/dry feeders.

^c Wean-finish values calculated based on pigs spending 25% of their time in the nursery and 75% of their time in the grow-finish.

^d Using nipple waterers.

Source: MWPS-18, *Manure Management Systems Series*, Section 1, Manure Characteristics. Actual nutrient values can vary $\pm 30\%$. Values listed are typical of what can be found at the time of pumping. Includes dilution and spillage water. Increase nutrients by 4% for each 1% feed wasted above 5%.

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