

Table 12. Nitrogen lost and retained with various handling and storage regimes.

System	Nitrogen lost	Nitrogen retained
	Percent	
Solid		
Daily scrape and haul	20–35	65–80
Manure pack	20–40	60–80
Open lot	40–55	45–60
Deep pit (poultry)	25–50	50–75
Litter	25–50	50–75
Liquid		
Underfloor pit*	15–30	70–85
Above-ground tank*	10–30	70–90
Holding pond	20–40	60–80
Anaerobic lagoon	70–85	15–30

*Indicates losses due to agitation.

Data source: MWPS-18, Third Edition, Table 10-1.

Note: Typical losses between excretion and land application, including losses incurred in transporting to storage, adjusted for dilution in the various systems. These losses are in addition to land application losses.

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