

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.