

Table 7. Estimated beef feedlot manure characteristics.

Component	Units	Surfaced lot ^b		
		Unsurfaced lot ^a	High-forage diet	High-energy diet
Manure weight	lb/day per 1,000-lb animal	17.50	11.70	5.30
Moisture	percent	45.00	53.30	52.10
Total solids (TS)	percent wet basis	55.00	46.70	47.90
	lb/day per 1,000-lb animal	9.60	5.50	2.50
Nitrogen (N)	lb/day per 1,000-lb animal	0.21	--	--
Phosphorus (P ₂ O ₅)*	lb/day per 1,000-lb animal	0.14	--	--
Potassium (K ₂ O)*	lb/day per 1,000-lb animal	0.03	--	--
Carbon:nitrogen (C:N)	ratio	13:1	--	--

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

^a Dry climate (annual rainfall less than 15 inches); annual manure removal.

^b Dry climate; semiannual manure removal.

Source: MWPS-18, *Manure Management Systems Series*, Section 1, Manure Characteristics, Table 16.

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