

Table 2. Estimated typical manure characteristics as excreted by all other livestock and poultry (Source: ASABE Standard D384.2)

Animal Type and production grouping	Total Manure <sup>1</sup>		Moisture <sup>2</sup>	Total Solids	Volatile Solids	Nitrogen	Phosphorus	Potassium
	lb/d- animal	ft <sup>3</sup> /d-animal	% wet basis	lb/day –animal				
Beef								
Confined cow <sup>3, 4</sup>	-	-	88	15	13	0.42	0.097	0.30
Confined growing calf	50	0.81	88	6.0	5.0	0.29	0.055	0.19
Dairy								
Lactating cow	150	2.4	87	20	17	0.99	0.17	0.23
Dry cow	83	1.3	87	11	9.2	0.50	0.066	0.33
Heifer (970 lb)	48	0.78	83	8.2	7.1	0.26	-	-
Horse (1,100 lb)								
Sedentary	56	0.90	85	8.4	6.6	0.20	0.029	0.060
Intensive exercise	57	0.92	85	8.6	6.8	0.34	0.073	0.21
Poultry								
Layer	0.19	0.0031	75	0.049	0.036	0.0035	0.0011	0.0013
Swine								
Gestating sow (440 lb)	11	0.18	90	1.1	0.99	0.071	0.020	0.048
Lactating sow <sup>6</sup> (423 lb)	25	0.41	90	2.5	2.3	0.19	0.055	0.12
Boar (440 lb)	8.4	0.13	90	0.84	0.75	0.061	0.021	0.039

<sup>1</sup>Total manure is calculated from total solids and manure moisture content

<sup>2</sup>As excreted manure moisture contents range from 75 to 90 percent. At these moisture levels as excreted manure has a density equal to that of water and specific gravity of 1.0 was assumed in calculation of manure volume.

<sup>3</sup>Solids estimates do not include solids in urine

<sup>4</sup>Beef cows values are representative of animals during non-lactating period and first six months of gestation

<sup>5</sup>These values apply to horses 18 months of age or older that are not pregnant or lactating. The representative number applies to 1,100 lb horses and the range represents horse s from 880 to 1320 lbs. "Sedentary" applies to horses not receiving any imposed exercise.

<sup>6</sup>Nitrogen and phosphorus values include contribution of nursing pigs