Table 1.2-13. Average daily production and total content of manure.

Animal type	*Daily production*	*Manure % dry matter*	*Analysis units*	*N*	*P_2O_5*	*K_2O*	*Comments*
Dairy cattle							
Lactating cows, liquid	13 gal/AU/day	<5	lb/1,000 gal	28	13	25	Production does not include dilution. Analysis includes dilution to approximately 5% solids.
Lactating cows, solid	111 lb/AU/day	12	lb/ton	10	4	8	No bedding included in production or analysis figures. Use these analyses for estimating nutrients deposited on pastures by dairy cows, dairy dry cattle, and dairy young cattle.
Dry cow	51 lb/AU/day		lb/ton	9	3	7	
Heifer	60 lb/AU/day		lb/ton	10	3	7	
Calf	80 lb/AU/day		lb/ton	10	3	4	
Veal	7 gal/AU/day	2	lb/1,000 gal	19	13	25	Production does not include dilution. Analysis includes dilution.
Beef cattle							
Cow and calf	90 lb/AU/day	12	lb/ton	11	7	10	No bedding included in production or analysis figures. Use these analyses for estimating nutrients deposited on pastures by a beef cow and calf, beef calves, and steers.
Calf	90 lb/AU/day	12	lb/ton	11	7	10	
Finishing cattle	65 lb/AU/day	8	lb/ton	14	5	8	
Swine							
Farrow to wean (includes sows)	11 gal/AU/day	2.5	lb/1,000 gal	18	18	11	Production includes a typical amount of in-barn dilution water but not rainfall for an outdoor storage, except for farrow to wean which also includes rainfall. Analysis includes dilution to approximately the % dry matter indicated.
Nursery	14 gal/AU/day	1.5	lb/1,000 gal	19	8	14	
Wean to finish	5.5 gal/AU/day	4	lb/1,000 gal	37	23	21	
Grow to finish	7 gal/AU/day	4	lb/1,000 gal	31	24	22	
Swine, anaerobic lagoon	These figures apply only to a treatment lagoon.						
Supernatant	—	0.25	lb/1,000 gal	2.9	0.6	3.2	
Sludge	—	7.6	lb/1,000 gal	25	23	63	
Sheep/Goats	40 lb/AU/day	25	lb/ton	23	8	20	No bedding included in production or analysis figures. Use these analyses for estimating nutrients deposited on pastures by sheep.
Horse	55 lb/AU/day	20	lb/ton	12	5	9	No bedding included in production or analysis figures. Use these analyses for estimating nutrients deposited on pastures by horses.

Poultry							
Layer (364 d)[1]	26 lb/AU/day	41	lb/ton	37	55	31	
Pullet (126 d)[1]	48 lb/AU/day	35	lb/ton	43	46	26	
Light broiler (44 d)[1]	22 lb/AU/day	66	lb/ton	79	62	42	Production and analysis figures include litter.
Heavy broiler (57 d)[1]	20 lb/AU/day	75	lb/ton	66	63	47	Production and analysis figures include litter.
Turkey (tom) (123 d)[1]	13 lb/AU/day	60	lb/ton	52	76	42	Production and analysis figures include litter.
Turkey (hen) (88 d)[1]	11 lb/AU/day	65	lb/ton	73	88	46	Production and analysis figures include litter.
Duck (dry)	110 lb/AU/day	27	lb/ton	21	26	15	No bedding included in production or analysis figures.
Duck (wet)	13 gal/AU/day	5	lb/1,000 gal	33	23	16	Production does not include dilution. Analysis includes dilution to approximately 5% solids.

Note: When possible, have manure analyzed. Actual values may vary over 100 percent from averages in the table.

1. Typical production days.