

TABLE 3  
Annual Pounds of Nitrogen Per Space of Capacity

**Confinement Operations**

<b>Swine</b>	<b>Space</b>	<b>Liquid, Pit* or Basin**</b>	<b>Liquid, Lagoon***</b>	<b>Solid Manure</b>
Nursery, 25 lb.	1 head	2	1	5
Wean-finish, 130 lb. Formed storage*				
Dry feeders	1 head	15		34
Wet/dry feeders	1 head	13		34
Grow-finish, 150 lb. Formed storage*				
Dry feeders	1 head	21		29
Wet/dry feeders	1 head	19		29
Earthen storage**	1 head	14		
Lagoon***	1 head		6	
Gestation, 400 lb.	1 head	27	5	39
Sow & Litter, 450 lb.	1 crate	32	11	86
Farrow-nursery	Per sow in breeding herd	22	8	85
Farrow-finish	Per sow in breeding herd	150	44	172

<b>Dairy, Confined</b>	<b>Space</b>	<b>Liquid, Pit* or Basin**</b>	<b>Liquid, Lagoon***</b>	<b>Solid Manure</b>
Cows, 1200 & up lb.	1 head	164	59	140
Heifers, 900 lb.	1 head	81	44	65
Calves, 500 lb.	1 head	45	24	15
Veal calves, 250 lb.	1 head	22	12	10
Dairy herd	Per productive cow in herd	169	87	180

<b>Beef, Confined</b>	<b>Space</b>	<b>Liquid, Pit* or Basin**</b>	<b>Liquid, Lagoon***</b>	<b>Solid Manure</b>
Mature cows, 1000 lb.	1 head	105	23	147
Finishing, 900 lb.	1 head	95	19	132
Feeder calves, 500 lb.	1 head	53	11	73

<b>Poultry</b>	<b>Space</b>			<b>Dry Manure</b>
Layer, cages	1000 head			367
Broiler, litter	1000 head			585
Turkeys, litter	1000 head			1400

**Open Feedlot Operations**

**Runoff – liquids**

<b>Species</b>	<b>Space</b>	<b>Earthen lots</b>	<b>Concrete lots</b>	<b>Solids-scraped</b>
Beef, 400 sq. ft./hd.	1 head	5	3	66
Dairy, 1000 sq. ft./hd.	1 head	15	7	127
Swine, 50 sq. ft./hd.	1 head	1	3	18

\*Formed manure storage structure

\*\*Earthen manure storage basin

\*\*\*Anaerobic lagoon

TABLE 3a  
Annual Pounds of Phosphorus (as P<sub>2</sub>O<sub>5</sub>) Per Space of Capacity

**Confinement Operations**

<b>Swine</b>	<b>Space</b>	<b>Liquid, Pit* or Basin**</b>	<b>Liquid, Lagoon***</b>	<b>Solid Manure</b>
Nursery, 25 lb.	1 head	1	0.7	3
Wean-finish, 130 lb.				
Formed storage*				
Dry feeders	1 head	12		21
Wet/dry feeders	1 head	9		21
Grow-finish, 150 lb.				
Formed storage*				
Dry feeders	1 head	18		18
Wet/dry feeders	1 head	13		18
Earthen storage**	1 head	10		
Lagoon***	1 head		5	
Gestation, 400 lb.	1 head	27	4	25
Sow & Litter, 450 lb.	1 crate	26	8	55
Farrow-nursery	Per sow in breeding herd	18	6	55
Farrow-finish	Per sow in breeding herd	109	33	110

<b>Dairy, Confined</b>	<b>Space</b>	<b>Liquid, Pit* or Basin**</b>	<b>Liquid, Lagoon***</b>	<b>Solid Manure</b>
Cows, 1200 & up lb.	1 head	78	44	42
Heifers, 900 lb.	1 head	38	33	20
Calves, 500 lb.	1 head	22	18	5
Veal calves, 250 lb.	1 head	10	9	3
Dairy herd	Per productive cow in herd	80	66	80

<b>Beef, Confined</b>	<b>Space</b>	<b>Liquid, Pit* or Basin**</b>	<b>Liquid, Lagoon***</b>	<b>Solid Manure</b>
Mature cows, 1000 lb.	1 head	66	17	73
Finishing, 900 lb.	1 head	59	14	66
Feeder calves, 500 lb.	1 head	33	8	37
Poultry	Space			Dry Manure
Layer, cages	1000 head			840
Broiler, litter	1000 head			585
Turkeys, litter	1000 head			1400

**Open Feedlot Operations**

**Runoff – liquids**

<b>Species</b>	<b>Space</b>	<b>Earthen lots</b>	<b>Concrete lots</b>	<b>Solids-scraped</b>
Beef, 400 sq. ft./hd.	1 head	2	1	48
Dairy, 1000 sq. ft./hd.	1 head	5	2	69
Swine, 50 sq. ft./hd.	1 head	0.3	1	17

\*Formed manure storage structure

\*\*Earthen manure storage basin

\*\*\*Anaerobic lagoon

[ARC 8998B, IAB 8/11/10, effective 9/15/10]