

Producer: _____

Animal Manure Production and Bedding Used Calculation Worksheet

Date: _____

Animal Type	Animal Weight (lbs)	No. of Animals	Manure Produced (lbs/day)	Manure Produced (cu ft/day)	No. of Days Confined per yr.	Total Manure in (lbs/yr)	Total Manure (cu ft/yr)	Bedding Type	Bedding Used (lbs/day/animal)	Bedding Density (lbs/cu ft)	Total Bedding (Cu Ft)	Total Volume (Cu. Ft.)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
					See Calc notes	(3)x(4)x(6)	(3)x(5)x(6)	See Calc notes	See Calc Notes	See Table below	$\frac{[(3)x(6)x(10)]}{(11)}$	(12) + (8)
Horse	1000		45	1				(Shavings)	(9)	(9)		
Sheep	100		4	0.1				(Hay)	(4)	(4)		
Goats	100		4	0.1				(Hay)	(4)	(4)		
	150		6	0.1								
Chickens (Layers)	4		0.21	0.01				(Straw)	(0.01)	(2.5)		
(Broilers)	2		0.14	0.005								
Beef	500		30	0.5				(Straw)	(0.5)	(2.5)		
	750		45	0.75								
	1000		60	1								
Swine	65		4.2	0.1				(Straw)	(0.25)	(2.5)		
	150		9.8	0.15								
	200		13	0.2								
Dairy	1000		82	1.35				(Hay)	(6)	(4)		
	1400		115	1.8								
Other (Llama)	400		16	0.25				(Straw)	(0.5)	(2.5)		
(Alpaca)	400		16	0.25				(Straw)	(0.5)	(2.5)		
Total Volume =												
FOR ADDITIONAL HELP, CONTACT NRCS OR LOCAL CONSERVATION DISTRICT												
Bedding Type:		Density		Typical Types and Amounts of Bedding used are shown in () paranthesis.								
Wood Shavings		9 lbs/Cu. Ft.										
Straw		2.5 lbs/Cu. Ft.		NOTE: This sheet does not consider barnyard runoff or rainfall into the storage facility which								
Grass Hay		4.0 lbs/Cu. Ft.		could increase storage volume needed.								
Sawdust		12 lbs/Cu. Ft.		(See Calculation Instructions on Sheet 2)								