

Solid Manure Calibration Worksheet Container Method

Farm Name:	Date:
Person(s) Calibrating:	Manure Type:
Description of Equipment:	
Gear Used and Engine Speed:	Floor Chain Setting:
Ground Speed:	Gate Setting:

	Description	Example Problem	Units		Your Numbers	Units
1	Number of containers	7				
2	Weight of all containers (empty)	5.3	<i>pounds</i>			<i>pounds</i>
3	Weight of all containers with manure	6.2	<i>pounds</i>			<i>pounds</i>
4	Weight of manure (Step 3 - Step 2)	0.9	<i>pounds</i>			<i>pounds</i>
5	Measure the inside width of a container	6	<i>inches</i>			<i>inches</i>
6	Measure the inside length of a container	12	<i>inches</i>			<i>inches</i>
7	Area of one container (Step 5 x Step 6)	72	<i>square inches</i>			<i>square inches</i>
8	Area of all containers (Step 1 x Step 7)	504	<i>square inches</i>			<i>square inches</i>
9	Convert container area to square feet (Step 8 / 144)	3.5	<i>square feet</i>			<i>square feet</i>
10	Find pounds per square foot applied (Step 4 / Step 9)	0.257	<i>pounds per square foot</i>			<i>pounds per square foot</i>
11	Find pounds per acre applied (Step 10 x 43,560)	11,194	<i>pounds per acre</i>			<i>pounds per acre</i>
12	Find tons per acre applied (Step 11 / 2,000)	5.6	<i>tons per acre</i>			<i>tons per acre</i>