

**Manure Spreader Calibration**

Land Owner \_\_\_\_\_ Field Office \_\_\_\_\_

County \_\_\_\_\_ Date \_\_\_\_\_

**MANURE SPREADER CALIBRATION (1)****Type of spreader**\_\_\_\_\_ **Converted Box Spreader**\_\_\_\_\_ **Wet Lime Spreader  
(Pull Behind)****Manure spreader Capacity**Length avg. \_\_\_\_\_ **A**Width avg. \_\_\_\_\_ **B**Depth avg. \_\_\_\_\_ **C**

$$\underline{\underline{A*B*C=D}}$$

$$\text{Length * Width * Depth = Cubic feet } \underline{\underline{D}}$$

**Manure/Litter Density**Weight of filled container in pounds \_\_\_\_\_ **E**Cubic feet in Container \_\_\_\_\_ **F**Pounds per cubic foot \_\_\_\_\_ **G****Volume of spreader in tons**

$$\frac{\underline{\underline{D*G}}}{2000}$$

$$\frac{\text{Cubic feet of spreader * Pounds per cubic foot } \underline{\underline{H}}}{2000 \text{ pounds per ton}}$$

**Application Area**

$$\text{Length * Width = Square Feet } \underline{\underline{I}}$$

**Application Rate**

Tons/Acre

$$\frac{\underline{\underline{H}}}{\underline{\underline{I}}} = \frac{\text{Tons applied * 43560 Ft}^2}{\text{Application Area Ft}^2} \underline{\underline{J}}$$

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**MANURE SPREADER CALIBRATION (2)**

Length \* Width = \_\_\_\_\_ A                      Square feet in Tarp

Tare Weight of tarp = \_\_\_\_\_ B

Weight of tarp covered with manure/litter                      \_\_\_\_\_ C

Pounds of litter on tarp C-B =                      \_\_\_\_\_ D

Pounds of litter per square foot of area = D/A

\_\_\_\_\_ E

Application Rate

Tons/Acre

E\* 43560 ft<sup>2</sup> in one area = \_\_\_\_\_ F                      pounds

F/2000 pounds in one ton = \_\_\_\_\_ G