Estimating the Volume and Capacity of Spreaders

Use these calculations to estimate volume and capacity of spreader or truckload of poultry litter.

**Dry System** - measure all dimensions in feet and tenths of feet. (1 3/16” is approximately 1/10 of a foot)

A. Spreader Volume
   Box spreader (level load):
   Cubic feet = length (l)______ x width (w)______ x depth (d)______ = ________ Cu.Ft. Level Load

   Add these values for Cu.Ft. of Piled Load

   Box spreader (piled load):
   [length (l)______ x width (w)______ x depth (d)______] = ________

   [length (l)______ x width (w)______ x height (h)_______] ÷ 2 = ________

   Cu.Ft. of piled load________

B. Spreader Capacity
   (Capacity feet ________ x 32) ÷ 2000 = ________ Tons per Load