

Formula for Determining Yield per Acre

Use this formula to determine bu./A of soybeans:

$(100 - \text{moisture}) \times (\text{lbs. soybeans harvested}) \times (100.138) /$
 $(\text{row length, ft}) / (\text{row width, in.}) / (\text{no. rows harvested}) =$
bu. of yield per acre at 13%

Estimating Bin and Silo Capacity Round Bins

To estimate the capacity of a bin, multiply the depth in feet by the diameter squared (diameter x diameter). Multiply this by .628 to determine shelled corn capacity in bushels. *Divide by 2 to determine bushels of ear corn storage.*

Square or Rectangular Bins

Multiply the length by the width by the depth of grain, all in feet. Multiply this by .80 to determine the number of bushels of shelled corn that can be stored in the bin. *For ear corn, divide this figure by 2.*