

How to Calculate Total Soil Volume

Square feet (ft²):

- length' x width' = square feet

Length (ft)



Width (ft)

Conversion Factors

1 yard = 27 ft³

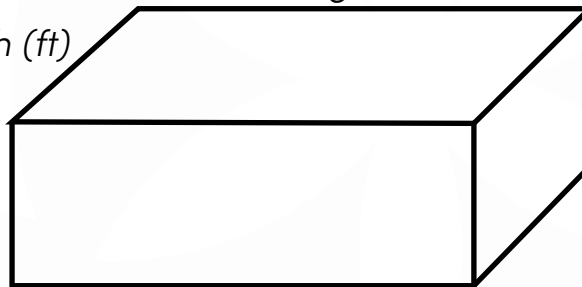
1 yard = 200 gallons

Cubic feet (ft³):

- length' x width' x depth' = cubic feet

Length (ft)

Width (ft)



Depth/Height (ft)

*** Typically the depth is measured in inches. To convert to feet, divide the number of inches by 12.*

*** Ex) Bed is 8 inches deep:
8in / 12in = 0.66ft*

Cubic yards: *(We often refer to this as just yards)*

- (length x width x depth) ÷ 27 = cubic yards

OR

- cubic feet ÷ 27 = cubic yards

Gallons:

- 200 gallons = 1 yard

- (total number of pots x pot size) ÷ 200 = yards