



HOW TO CALCULATE CUBIC YARDS FOR MULCH, TOPSOIL, WOODCHIPS, STONES...

Whether you need topsoil, compost or bark mulches, most bulk materials are sold by the “cubic yard”. To determine how much you need:

- Steps:**
1. Measure the area in feet (length and width)
 2. Multiply the length by the width to get area in square feet
 3. Divide square feet by 27 to get cubic yardage
 4. Divide by the depth needed

For 2” depth of material divide by 6.
 For 3” depth of material divide by 4.
 For 4” depth of material divide by 3.
 For 6” depth of material divide by 2.

Material Coverage (Sq. Ft. of Coverage per Cu. Yd.)		
Depth in Inches	=	Coverage in Sq. Ft.
1"	=	324
2"	=	162
3"	=	108
4"	=	81
5"	=	67
6"	=	54
8"	=	40
10"	=	33
12"	=	27

Example: Area to be covered is 2,160 Sq. Ft. to a depth of 4”.
 From the chart: 1 Cu. Yd. will cover 81 Sq. Ft. at 4” depth.

$$\frac{2,160}{81} = 26.67 \text{ Cu. Yds. required}$$