



# How Much Product Do I Need

1. Figure the length of the area to cover.
2. Figure the width of the area to cover.
3. Multiply length by width to calculate square footage.
4. Locate the square footage in the first column of the chart below.
5. Locate the depth in inches required for your project across the top row of the chart.  
(We recommend 2-4 inches for mulching; 12 inches for Kids Karpet Soft Playground Surfaces)
6. The corresponding number represents a close approximation of the number of cubic yards required.

DEPTH IN INCHES

SQUARE FOOTAGE

	<b>2"</b>	<b>3"</b>	<b>4"</b>	<b>6"</b>	<b>8"</b>	<b>12"</b>
50	0.25	0.50	0.50	1.00	1.00	2.00
100	0.50	1.00	1.00	2.00	2.50	4.00
150	1.00	1.50	2.00	3.00	4.00	6.00
200	1.00	2.00	2.50	3.50	5.00	7.50
250	1.50	2.50	3.00	4.50	6.00	9.00
300	2.00	3.00	3.50	5.50	7.50	11.00
350	2.00	3.50	4.50	6.50	9.00	13.00
400	2.50	4.00	5.00	7.50	10.00	15.00
450	3.00	4.50	5.50	8.50	11.00	17.00
500	3.00	4.50	6.00	9.00	12.00	18.50
550	3.50	5.00	7.00	10.00	13.50	20.00
600	3.50	5.50	7.50	11.00	15.00	22.00
650	4.00	6.00	8.00	12.00	16.00	24.00
700	4.00	6.50	8.50	13.00	17.00	26.00
750	4.50	7.00	9.50	14.00	18.50	28.00
800	5.00	7.50	10.00	15.00	20.00	30.00
850	5.00	8.00	10.50	15.50	21.00	31.00
900	5.50	8.50	11.00	17.00	22.00	33.00
950	6.00	9.00	12.00	17.50	23.00	35.00
1000	6.00	9.00	12.00	18.50	25.00	37.00

Example: Area of 50 sq ft at 2 in depth = .25 cu yd    (27 cu ft = 1 cu yd)



## Comparison Chart on Coverage for Mulches and Compost

LCR (Bulk) vs Bagged Material from Garden Center

1.0 cubic yard will cover:

324 sq ft	1" deep
162 sq ft	2" deep
108 sq ft	3" deep
81 sq ft	4" deep
65 sq ft	5" deep
54 sq ft	6" deep

30-45 lb bag (approx 3.0 cubic feet) will cover:

36 sq ft	1" deep
18 sq ft	2" deep
12 sq ft	3" deep
9 sq ft	4" deep
7 sq ft	5" deep
6 sq ft	6" deep

## Other Useful Conversions

square inches x .007 = square feet

cubic inches x .0058 = cubic feet

square feet x .111 = square yards

US gallons x .13368 = cubic feet

acres x 4,840 = square yards

US gallons x 231 = cubic inches

square yards x .0002066 = acres

square of diameter x .7854 = area of circle

cubic feet x .037 = cubic yards

circumference x .31831 = diameter of circle