

Helpful Landscaping Conversion Tables

Compost, Shredded Bark, & Wood Chips of most any type - **app. 1 cu. yd.**

9 bags of each 3 cubic foot size = 1 cubic yard = 27 cubic ft.

412 sq. ft. at ¼" depth, 330 sq. ft. at 1" depth, 165 sq. ft. at 2" depth, 109 sq. ft. at 3" depth, 54 sq. ft. at 6" depth, 33 sq. ft. at 9" depth **1 cu. yd.** = 13.5 bags for 2 cu. ft.; 18 bags for 1.5 cu. ft.; 54 bags for .5 cu. ft.

Note: **app. 6 contractor wheel barrow loads = 1 cubic yard** Wood Chips 486 lbs / yard cubed or 18 lbs / foot cubed

Coverage Chart 2 Cubic Foot Bags

To calculate how many 2 cubic foot bags of material are needed, use the following procedure:

1 Determine the total square footage of the area needed to be covered. See the shape diagrams below to figure out the square footage of your area

2 Determine the desired depth of material. Determine the number of square feet covered by one bag at the desired depth using the table below.

3 Divide the total square footage of area being covered by the square foot coverage per cubic yard; based on desired depth in the table below.

4 The number found tells you how many 2 cubic foot bags are needed for the area at that depth.

Try our new mulch calculator

13.5 two cubic foot bags = 1 cubic yard

<u>Depth</u>	<u>One 2 Cubic Foot Bag Covers</u>
.5"	48 sq feet
1"	24 sq feet
2"	12 sq feet
3"	8 sq feet
4"	6 sq feet
5"	4.8 sq feet
6"	4 sq feet
7"	3.4 sq feet
8"	3 sq feet
9"	2.7 sq feet
10"	2.4 sq feet
11"	2.2 sq feet
12"	2 sq feet

Stone Coverage of ¾" type - **1 ton or 2000 lbs. covers approximately**

220 sq. ft. at 1" depth, 110 sq. ft. at 2" depth, 73 sq. ft. at 3" depth, 36 sq. ft. at 6" depth, 22 sq. ft. at 9" depth
Dry Gravel weighs Between 2,430 and 3,402 lbs/yard cubed and 90 - 126 lbs/foot cubed

Groundcover / Bedding Plant Spacing Guide

<u>Planting Area Desired</u>	<u>Spacing</u>	<u>Plants per Sq. Ft.</u>
100 sq. ft.	4"	9
250 sq. ft.	6"	4
440 sq. ft.	8"	2.25
700 sq. ft.	10"	1.45
1,000 sq. ft.	12"	1.
1,560 sq. ft.	15"	1 per 1.56 sq. ft.
2,250 sq. ft.	18"	1 per 2.25 sq. ft.
4,000 sq. ft.	24"	1 per 4.00 sq. ft.

Standard Area/Bed Shape Conversions

Area of a circle: $3.1416 \times \text{radius squared}$ or $.785398 \times \text{diameter squared}$

Circumference of a circle: $3.1416 \times \text{diameter}$

Area of a square or rectangle: $\text{length} \times \text{width}$

Area of a triangle: $\text{Base (x) height} / 2$

1 acre = 43,560 sq. ft., 1 acre = 4,840 sq yards, 1 square mile = 640 acres

Texas grown Sod / 50 sq. yds. Per pallet or 450 sq. ft. or app. 160 to 169 pieces of 16"x24" size piece

Helpful Horticultural Conversion Tables

Liquid Volume Measurement

<u>Gallons</u>	<u>Quarts</u>	<u>Pints</u>	<u>Ounces</u>	<u>Cups</u>	<u>Tbls.</u>	<u>Tsp.</u>
1	4	8	128	16	256	768
-	1	2	32	4	64	192
-	-	1	16	2	32	96
-	-	-	1	1/8	2	6
-	-	-	-	1	16	48
-	-	-	-	-	1	3

Dry Volume Measurement

3 level teaspoonfuls..... = 1 level tablespoonful

16 level tablespoonfuls..... = 1 cupful

2 cupfuls..... = 1 pint

2 pints..... = 1 quart

Some Handy Weight Measurement Conversions

2.204 pounds 1 kilogram

1 pound/16 ounces 453.5900 grams

1 ounce 28.35 grams

Soil Volume of Whiskey ½ Barrel planter = 4.5 cu. ft for bedding plants, 3.5 cu. ft. for 1 gals., 2.5 cu. ft. for 5 gals. approximately

1 cubic yard of soil will fill 190 of 1 nursery gallon can size

1 cord of firewood = 128 cubic feet

