## Quick Guide to Estimated Weights and Measurements

### Sand, Gravel, Soil and Mulch Coverage Chart

This chart will help you compute the volume of mulch you will need to cover a given area. First, determine the square footage by multiplying the length times the width of the area. Then decide how deep you want the mulch to be.

Referring to the table, start with the depth and read across until you come to your square footage or as close as possible. Read under the headings at the top of the columns for the cubic yards you **will** need. For example, with a depth of 2-inches covering 160 square feet, you will need 1 cubic yard.

| Depth | QUANTITY | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1 yd. | 2 yds. | 3 yds. | 4 yds. | 5 yds. | 6 yds. | 7 yds. | 8 yds. | 9 yds. | 10 yds. |
| 1 inch | 324 | 648 | 972 | 1296 | 1620 | 1944 | 2268 | 2592 | 2916 | 3240 |
| 2 inches | 162 | 324 | 486 | 648 | 810 | 972 | 1184 | 1296 | 1458 | 1620 |
| 3 inches | 108 | 216 | 324 | 432 | 540 | 648 | 756 | 864 | 972 | 1080 |
| 4 inches | 81 | 162 | 243 | 324 | 405 | 486 | 567 | 648 | 729 | 810 |
| 5 inches | 65 | 130 | 195 | 260 | 325 | 390 | 455 | 520 | 585 | 650 |
| 6 inches | 54 | 108 | 162 | 216 | 270 | 324 | 378 | 432 | 486 | 540 |
| 7 inches | 46 | 92 | 138 | 184 | 230 | 276 | 322 | 368 | 414 | 460 |
| 8 inches | 41 | 82 | 122 | 162 | 203 | 243 | 284 | 324 | 365 | 406 |
| 9 inches | 36 | 72 | 108 | 144 | 180 | 216 | 252 | 288 | 324 | 360 |
| 10 inches | 32 | 64 | 96 | 129 | 162 | 194 | 226 | 259 | 291 | 323 |
| 11 inches | 30 | 59 | 89 | 118 | 148 | 177 | 207 | 236 | 266 | 296 |
| 12 inches | 27 | 54 | 81 | 108 | 135 | 162 | 189 | 216 | 243 | 270 |
| 18 inches | 18 | 36 | 54 | 72 | 90 | 108 | 126 | 144 | 162 | 180 |
| 24 inches | 14 | 27 | 41 | 54 | 68 | 81 | 95 | 108 | 122 | 136 |

**To Figure the Area of a Circle**

Calculate the same as you would a square and multiply the answer by .785. For example, assume a circle with a diameter of 25'. 25 x 25 = 625 square feet times .785 = 490 square feet. At 2" of depth, you would require 3 cubic yards of mulch.

**NOTE:** The above coverage chart applies to most bark and mulch products, sand, soils, and any gravel up to about 1-inch or less in size. If you have an irregular shape (such as curved flowerbeds), simply estimate the average width and multiply it by the length of the flowerbed. This will come very close to actual needs.

## Sample Weight of Various Materials (in pounds)

| | 1 Cu. Ft. | | 1 Cu. Yd. | | 1/2 Cu.Yd. | | 1/3 Cu. Yd. |
|---|---|---|---|---|---|---|---|
| Most Bark Products | 14 | | 370 | | 180 | | 60 |
| Forest Humus | 19 | | 513 | | 257 | | 171 |
| Blended Soil | 70 | | 1900 | | 950 | | 633 |
| Planter Mix/ | 33 | | 900 | | 450 | | 300 |
| Soil Conditioner | | | | | | | |
| | | | | | | | |
| **Rock Products** | | | | | | | |
| Burgundy Cinder | 54 | | 1215 | | 729 | | 486 |
| Black Cinder | 54 | | 1215 | | 729 | | 486 |
| Crushed Brick | 64 | | 1728 | | 864 | | 576 |
| 1 1/2" River Rock | 98 | | 2646 | | 1323 | | 882 |
| Crushed Gravel | 91 | | 2457 | | 1229 | | 819 |
| Rock Dust/DG | 111 | | 3000 | | 1500 | | 1000 |
| Deco Rock 1 1/2-2" | 105 | | 2835 | | 1418 | | 945 |
| | | | | | | | |

Flagstone generally covers about 100-125 sq. ft. per ton (2000 lbs.) depending upon application

## General Guidelines

There are 27 cubic feet in a cubic yard

1 cubic yard of 1" or smaller material will cover 160 sq. ft. 2-inches thick

1 cubic yard of 1 1/2" material will cover 108 sq. ft.

1 cubic yard of 2-4" material will cover 70-80 sq. ft.

1 cubic yard of 4-8" material will cover 50 sq. ft.