“How much” estimates

Mulches – for 100 sq ft of garden or ornamental bed (10´ x 10´)

To make it this deep	Use this much:
2 inches	17 cu.ft. (~⅔ cu.yd.)
3 inches	25 cu.ft. (~1 cu.yd.)
4 inches	34 cu.ft. (~1 ½ cu.yd.)

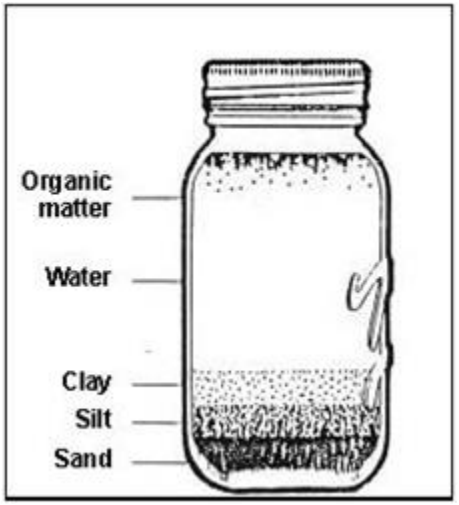
Soil Amendments – for 100 sq ft of garden/lawn preparation

Use this much:	For a layer this deep:
35 cu.ft. (~1 ½ cu.yd.)	4 inches
18 cu.ft. (~⅔ cu.yd. or 6 bales)	2 inches
9 cu.ft.(~⅓ cu.yd. or 3 bales)	1 inch

Containers

	Size	**Quarts of soil needed to fill**
Flower pots	8"	3
	12"	8
	16"	20
	18"	28 (~1 cu.ft.)
	20"	50 (~2 cu.ft.)
	24"	80 (~4 cu.ft.)
Color Bowls	14"	8
	18"	20 (~1 cu.ft.)
Window boxes	24" x 6" x 8"	12
	36" x 6" x 6"	18
	48" x 6" x 6"	24 (~1 cu.ft.)
½ Whiskey Barrel	23" x 17" x 20"	86 (~4 cu.ft.)

1 cubic foot = 26 dry quarts **27 cubic feet = 1 cubic yard**



Soil Texture in a Jar Test

Use about a cup of soil
Crush lumps out of soil sample
Remove sticks and stones

Half fill a flat-bottomed jar with sample.
Add water, shake *very* well, set on level surface.

Mark levels as follows:
Sand at 40 seconds
Silt at 30 minutes
Clay at 24 hours

Calculate each percentage:
% sand = (depth sand/total depth) x 100
% silt = (depth silt/total depth) x 100
% clay = (depth clay/total depth) x 100

Chart percentages on soil triangle