



J&L Garden Center

The All Season Gift
and Garden Center

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www.JLGardenCenter.com

Bark, Mulch & Soil Coverage Chart

Determine Bark, Mulch or Soil Needs

Measure the area you want to cover (*In Feet*) and determine how deep you want to add bark, mulch or soil (*In Inches* - 2" deep, 4" deep, etc.)

Use the following charts to help you determine how many bags, or how many yards, of bark, mulch or soil you need in your garden.

Bag Size	Depth	Bag Coverage	Area To Cover		
			64 sq ft 8'x8'	100 sq ft 25'x4'	144 sq ft 12'x12'

Number of Bags Needed -----					
2 Cubic Ft Bag	2" Deep	12 sq ft	6	9	12
	3" Deep	8 sq ft	8	13	18
	4" Deep	6 sq ft	11	17	24

3 Cubic Ft Bag	2" Deep	18 sq ft	4	6	8
	3" Deep	12 sq ft	6	9	12
	4" Deep	9 sq ft	8	12	16

1 Cubic Yard	Depth	One Yard Coverage	Area Covered
		2" Deep	162 sq ft
3" Deep	108 sq ft	11' x 10' or 27' x 4'	
4" Deep	81 sq ft	9' x 9' or 20' x 4'	

Garden Example:

You want to add 4 inches of bark, mulch or soil to a 20 foot by 20 foot garden area.

$$20' \times 20' = 400 \text{ square feet}$$

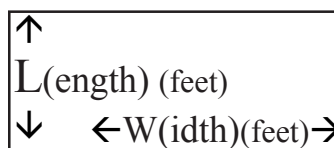
$$400' \times 4" \div 12" = 133 \text{ cubic feet}$$

$$133 \div 27 = 4.9 \text{ cubic yards}$$

A standard-bed 3/4 ton pickup truck can usually carry 2 to 2 1/2 cubic yards of mulches but you need to consider the weight of each product before loading it. A cubic yard can weigh between 800 and 2,000 pounds, depending on what product you purchase. A standard 3/4 ton pickup can safely haul 1,500 to 2,000 pounds. In this example, you may need to make two to five trips to haul all you need. (Remember that a 1/2 ton pickup truck cannot carry as much weight as a 3/4 ton pickup truck, and, that a short-bed pickup truck cannot haul as much as a standard-bed pickup truck.)

You may need to buy tons of bark, mulch or soil, not just a few bags, to cover the area the way you want to.

How To Determine The Area

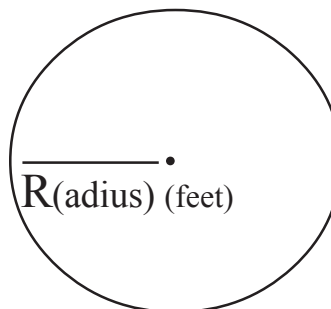


D = Depth (inches)
of Mulch or Soil

$$L \times W \times D = \text{volume}$$

$$\left(\underline{\quad} \text{ ft} \right) \times \left(\underline{\quad} \text{ ft} \right) \times \left(\underline{\quad} \text{ in} \right) \div (12 \text{ inches})$$

$$= \text{Cubic Feet} \div 27 \text{ cubic feet} = \text{Cubic Yards}$$

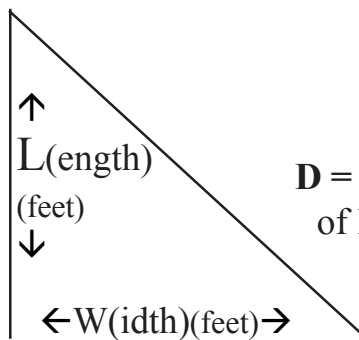


D = Depth (inches)
of Mulch or Soil

$$3.1417 \times R \times R \times D = \text{volume}$$

$$3.1417 \times \left(\underline{\quad} \text{ ft} \right) \times \left(\underline{\quad} \text{ ft} \right) \times \left(\underline{\quad} \text{ in} \right) \div (12 \text{ inches})$$

$$= \text{Cubic Feet} \div 27 \text{ cubic feet} = \text{Cubic Yards}$$



D = Depth (inches)
of Mulch or Soil

$$L \times \left(\frac{W}{2} \right) \times D = \text{volume}$$

$$\left(\underline{\quad} \text{ ft} \right) \times \left(\underline{\quad} \text{ ft} \div 2 \right) \times \left(\underline{\quad} \text{ in} \right) \div (12 \text{ inches})$$

$$= \text{Cubic Feet} \div 27 \text{ cubic feet} = \text{Cubic Yards}$$

Fill in the blanks and calculate the amount of Bark, Mulch or Soil you need to buy.



Handy Guide For Mulching And Amending Your Garden Garden Coverage Chart

Cubic Feet Of Product	1	2	3	4	5	6	7	8	9	10
<u>Depth</u> -----	<u>Square Feet Covered</u> -----									
1/8 Inch	96	192	288	384	480	576	672	768	864	960
¼ Inch	48	96	144	192	240	288	336	384	432	480
½ Inch	24	48	72	96	120	144	168	192	216	240
¾ Inch	16	32	48	64	80	96	112	128	144	160
1 Inch	12	24	36	48	60	72	84	96	108	120
1.5 Inches	8	16	24	32	40	48	56	64	72	80
2 Inches	6	12	18	24	30	36	42	48	54	60
3 Inches	4	8	12	16	20	24	28	32	36	40
4 Inches	3	6	9	12	15	18	21	24	27	30

Recommended use rates for quality Master Nursery soil amendments

Seed Covering using Bumper Crop or Gold Rush-----1/8" to 1/4"
(one 2 cu ft bag of soil amendment will cover 200 sq ft 1/8th inch deep)

Moisture Retention Mulching on top of the soil
Black Forest, Bumper Crop or Gold Rush-----1/2" to 1.5"

Amending existing soil for increased moisture retention and added air space
Eureka Planting Mix, Gardeners Choice, Bumper Crop, Black Forest or Gold Rush-----1" to 4"

Decorative Bark for ground cover and moisture retention-----1" to 4"