

Yard Material Coverage Chart

Cubic yards, tons & bags — one cubic yard = 27 cubic feet.

01 · CUBIC YARD COVERAGE BY DEPTH		1 cu yd covers
DEPTH		SQUARE FEET
1 inch deep	thin topdressing, mulch refresh	324 sq ft
2 inches deep	decorative gravel, mulch	162 sq ft
3 inches deep	new mulch layer, soil amendment	108 sq ft
4 inches deep	gravel base, deeper soil fill	81 sq ft
6 inches deep	raised bed fill, driveway base	54 sq ft
12 inches deep	full raised bed or planter	27 sq ft

SQ FT = 324 / DEPTH IN INCHES

02 · TYPICAL TONS PER CUBIC YARD		by weight
MATERIAL		TONS / CU YD
Pea gravel		1.25 – 1.4
Crushed stone		1.35 – 1.55
River rock		1.35 – 1.6
Sand		1.25 – 1.5
Fill dirt		1.0 – 1.4
Topsoil		0.9 – 1.3
Compost		0.45 – 0.8
Mulch		0.25 – 0.5

WEIGHT VARIES WITH MOISTURE, GRADATION & COMPACTION

03 · BAGS PER CUBIC YARD						round up
BAG SIZE						BAGS / CU YD
0.5 cu ft	54	1.0 cu ft	27	2.0 cu ft	14	
0.75 cu ft	36	1.5 cu ft	18	3.0 cu ft	9	

1 CU YD = 27 CU FT ÷ BAG SIZE