

CALCULATING CUBIC YARDS OF MULCH AND TOPSOIL

Just about everyday we have to calculate how many cubic yards of topsoil is needed to raise planting beds or how much mulch is necessary when dressing up planting beds. We hope the chart below will be helpful for quick estimates for calculating topsoil and mulch. To use the chart just determine the square footage of the area and look for that number down the left side of the chart. Then determine the depth of the topsoil or mulch you feel is needed, and find that number along the top of the chart. Where the two boxes intersect will be the approximate cubic yards of topsoil or mulch needed. Remember, when using the chart for topsoil calculations, add 20% to the yardage recommended on the chart to account for compaction.

Sq. Ft.	Depth 1"	Depth 2"	Depth 3"	Depth 4"	Depth 5"	Depth 6"	Depth 7"	Depth 8"	Depth 9"	Depth 10"	Depth 11"
100	1/2	3/4	1	1 1/4	1 1/2	2	2 1/4	2 1/2	2 3/4	3	3 1/2
150	1/2	1	1 1/2	2	2 1/2	2 3/4	3 1/4	3 3/4	4 1/4	4 3/4	5
200	3/4	1 1/4	2	2 1/2	3	3 3/4	4 1/2	5	5 1/2	6 1/4	6 3/4
250	3/4	1 1/2	2 1/2	3	4	4 3/4	5 1/2	6 1/4	7	7 3/4	8 1/2
300	1	2	2 3/4	3 3/4	4 3/4	5 1/2	6 1/2	7 1/2	8 1/2	9 1/4	10
350	1	2 1/4	3 1/4	4 1/2	5 1/2	6 1/2	7 3/4	8 3/4	9 3/4	11	12
400	1 1/4	2 1/2	3 3/4	5	6 1/4	7 1/2	8 3/4	10	11 1/4	12 1/2	13 3/4
450	1 1/2	3	4 1/4	5 3/4	7	8 1/2	9 3/4	11 1/4	12 1/2	14	15 1/2
500	1 1/2	3	4 3/4	6 1/4	7 3/4	9 1/4	10 3/4	12 1/2	14	15 1/2	17
600	2	3 3/4	5 3/4	7 1/2	9 1/4	11 3/4	13	15	16 3/4	18 1/2	20 1/2
700	2 1/4	4 1/2	6 1/2	8 3/4	11	13	15 1/4	17 1/4	19 1/2	21 3/4	24
800	2 1/2	5	7 1/2	10	12 1/2	15	17 1/2	20	22 1/4	24 3/4	27 1/4
900	3	5 3/4	8 1/2	11 1/4	14	16 3/4	19 1/2	22 1/4	25	28	30 3/4
1000	3 1/4	6 1/4	9 1/2	12 1/2	15 1/2	18 1/2	21 3/4	24 3/4	28	31	34
2000	6 1/4	12 1/2	18 1/2	24 3/4	31	37	43 1/4	49 1/2	55 1/2	61 3/4	68
3000	9 1/4	18 1/2	28	37	46 1/2	55 3/4	65	74	83 1/2	92 3/4	102
5000	15 1/2	31	46 1/2	61 3/4	77 1/4	92 3/4	108	123 1/2	139	154 1/2	169 3/4