



Organic Matter Chart

#Cubic yards/1,000 sq ft of compost needed to increase % of organic matter

OM % (dry wt.) Existing	Desired									
	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.0	0.6	1.1	1.7	2.2	2.8	3.4	3.9	4.5	5.1	5.6
0.5		0.56	1.12	1.68	2.24	2.81	3.37	3.93	4.49	5.05
1.0			0.6	1.1	1.7	2.2	2.8	3.4	3.9	4.5
1.5				0.56	1.12	1.68	2.24	2.81	3.37	3.93
2.0					0.6	1.1	1.7	2.2	2.8	3.4
2.5						0.56	1.12	1.68	2.24	2.81
3.0							0.6	1.1	1.7	2.2
3.5								0.56	1.12	1.68
4.0									0.6	1.1
4.5										0.56

Assumptions:

Soil bulk density:	2,000 lbs/cubic yard dry weight
Compost bulk density:	660 lbs/cubic yard dry weight
Compost OM (dry weight):	50 %
Soil Depth	6 inches