



Organic Matter Chart

#Cubic yards/acre 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	25	50	75	100	125	150	175	200	225	250
0.5		25	50	75	100	125	150	175	200	225
1.0			25	50	75	100	125	150	175	200
1.5				25	50	75	100	125	150	175
2.0					25	50	75	100	125	150
2.5						25	50	75	100	125
3.0							25	50	75	100
3.5								25	50	75
4.0									25	50
4.5										25

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