

<b>TREE SEQUESTRATION</b>	Reformat cells to show exact fractions											
<b>Unit Conversion</b>												
kgC/tree/year	convert to	#CO2/sq'/year										
Range of C sequestration is 3.5-5.9kgC/tree/year			Take median =	4.7								
Assumes 1 tree has canopy diameter of 9 meters			Canopy area =	63.6171975 sqm								
#C02 = #C * 3.67												
1sqm = 10.7639104 sq'												
<b>Tree Unit Conversion</b>												
assuming a tree is 63.6 sqm (682 sq')												
4.7kgCO2	x	1 tree	x	2.2046#	x	3.67#C	x	1 sqm	x	=	0.0555#CO2	calced value
tree year		63.6 sqm		kg		#CO2		10.7639104sq'			sq' year	0.05553029575
If you want to use different assumed value for the area of a tree:												
If in meters	3.531876		then divide by area of tree in sqm				Both will result in a value for		#CO2			
If in feet	38.016796		then divide by area of average tree in sq'				sq' year					