


Tree Species: White Oak

Tree Height: 5 metres

Located in Parkview  
Neighbourhood


MyTree Benefits 	
White oak, ( <i>Quercus alba</i> )	
Serving Size: 3.50 in. diameter	
Condition: Good	
Total benefits for this year: <b>\$0.33</b>	
Carbon Dioxide (CO <sub>2</sub> ) Sequestered	\$0.18
Annual CO <sub>2</sub> equivalent of carbon <sup>1</sup>	
24.53 lbs	
Storm Water Runoff Avoided	\$0.17
Runoff Avoided	
19.25 gal	
Rainfall Intercepted	
163.72 gal	
Air Pollution Removed Each Year	\$0.00
Carbon Monoxide	
< 0.1 oz	
Ozone	
2.06 oz	
Nitrogen Dioxide	
0.34 oz	
Sulfur Dioxide	
0.31 oz	
PM <sub>2.5</sub>	
< 0.1 oz	
Energy Usage Per Year <sup>2</sup>	\$1.08
Electricity Savings (A/C)	
2.13 kWh	
Fuel Savings (natural gas, oil)	
0.08 MMBtu	
Avoided Energy Emissions	\$0.23
Carbon Dioxide	
7.29 lbs	
Carbon Monoxide	
0.17 oz	
Nitrogen Dioxide	
0.11 oz	
Sulfur Dioxide	
1.17 oz	
PM <sub>2.5</sub>	
< 0.1 oz	
CO <sub>2</sub> Stored To Date <sup>3</sup>	\$1.08
Lifetime CO <sub>2</sub> equivalent of carbon <sup>3</sup>	
167.69 lbs	

Benefits are estimated based on USDA

Tree Species: White Oak

Tree Height: 10.5 metres

Located in Glow Park  
(Parkview Neighbourhood)

MyTree Benefits 	
White oak, ( <i>Quercus alba</i> )	
Serving Size: 11.40 in. diameter	
Condition: Excellent	
Total benefits for this year: <b>\$26.05</b>	
Carbon Dioxide (CO <sub>2</sub> ) Sequestered	\$0.96
Annual CO <sub>2</sub> equivalent of carbon <sup>1</sup>	
149.23 lbs	
Storm Water Runoff Avoided	\$0.82
Runoff Avoided	
92.3 gal	
Rainfall Intercepted	
784.82 gal	
Air Pollution Removed Each Year	\$0.31
Carbon Monoxide	
< 0.1 oz	
Ozone	
12.1 oz	
Nitrogen Dioxide	
2.16 oz	
Sulfur Dioxide	
1.77 oz	
PM <sub>2.5</sub>	
0.64 oz	
CO <sub>2</sub> Stored To Date <sup>3</sup>	\$20.93
Lifetime CO <sub>2</sub> equivalent of carbon <sup>3</sup>	
3,247.22 lbs	

Benefits are estimated based on USDA Forest Service Research and are meant for guidance only.

<sup>1</sup> For large trees sequestration is overtaken by CO<sub>2</sub> loss with decay/maintenance.

<sup>2</sup> Positive energy values indicate savings or reduced emissions. Negative energy values indicate increased usage or emissions.


<sup>3</sup> Not an annual amount or value.

Visit [www.itreetools.org](http://www.itreetools.org) to learn more.  
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Tree Species: White Oak

Tree Height: 19.5 metres

Located in Glow Park  
(Parkview Neighbourhood)

MyTree Benefits 	
White oak, ( <i>Quercus alba</i> )	
Serving Size: 39.00 in. diameter	
Condition: Good	
Total benefits for this year: <b>\$31.25</b>	
Carbon Dioxide (CO <sub>2</sub> ) Sequestered	\$3.11
Annual CO <sub>2</sub> equivalent of carbon <sup>1</sup>	
482.2 lbs	
Storm Water Runoff Avoided	\$3.27
Runoff Avoided	
365.73 gal	
Rainfall Intercepted	
3,109.67 gal	
Air Pollution Removed Each Year	\$0.97
Carbon Monoxide	
0.23 oz	
Ozone	
39.29 oz	
Nitrogen Dioxide	
6.56 oz	
Sulfur Dioxide	
5.99 oz	
PM <sub>2.5</sub>	
1.5 oz	
CO <sub>2</sub> Stored To Date <sup>3</sup>	\$458.47
Lifetime CO <sub>2</sub> equivalent of carbon <sup>3</sup>	
71,127.29 lbs	

Benefits are estimated based on USDA Forest Service Research and are meant for guidance only.

<sup>1</sup> For large trees sequestration is overtaken by CO<sub>2</sub> loss with decay/maintenance.

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