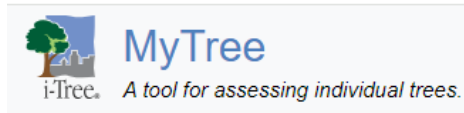


Discover the benefits of your trees!



i-Tree is an application developed for determining tree benefits. There are many tools in this software suite. *MyTree* is the easiest tool to quickly assess an individual tree. It's quick and easy!

Input the details about your tree and *MyTree* will estimate the carbon dioxide it absorbs, air pollution it removes, plus stormwater impacts.

Click on QR code for direct access to *MyTree*:

- or -

Go to i-Tree website:

Link: <https://www.itreetools.org>



Choose: *MyTree* tool

Input:

- Tree species
- Trunk size – DBH (diameter at 4.5 ft from ground)
- Tree condition
- Sun exposure

Output: Current Year and Next 20 Years along with equivalents.



Pin Oak *Quercus palustris* – 16.7” diameter @ 4.5 feet

Sample Report for This Year:

MyTree Benefits	
For this year.	
Pin oak, (<i>Quercus palustris</i>)	
Serving Size: 16.70 in. diameter	
Condition: Good	
Location: Lancaster, Pa, United States	
Estimated this year:	
Discover benefits of all your community trees!	
Annual values:	
Carbon Dioxide Uptake	
Carbon Sequestered ¹	48.63 lbs
CO ₂ Equivalent ²	178.3 lbs
Storm Water Mitigation	
Runoff Avoided	191.08 gal
Rainfall Intercepted	1,550.86 gal
Air Pollution Removal	
Carbon Monoxide	< 0.1 oz
Ozone	16.28 oz
Nitrogen Dioxide	1.39 oz
Sulfur Dioxide	0.43 oz
PM _{2.5}	0.86 oz
Energy Usage Per Year³	
Electricity Savings	79.89 kWh
Heating Fuel Savings	2.17 MMBtu
Avoided Energy Emissions	
Carbon Dioxide	500.94 lbs
Carbon Monoxide	2.17 oz
Nitrogen Dioxide	1.55 oz
Sulfur Dioxide	40.66 oz
PM _{2.5}	0.38 oz
Values are totals to date:	
Carbon Dioxide Uptake⁴	
Carbon Storage ⁴	1,005.83 lbs
CO ₂ Equivalent ^{2, 4}	3,688.03 lbs

MyTree

Works hard for me!

Location: Lancaster, Pa, United States
Pin oak, (*Quercus palustris*)

With care and maintenance, after 1 year this tree could potentially:

offset 197 miles worth of CO₂ emitted from the average gas-powered passenger vehicle,



absorb enough stormwater to fill 58 bathtubs,



and remove an amount of pollution from the air – in gaseous and particulate form – equivalent in weight to 3 smartphones!



Sample Report for Next 20 Years:

MyTree Benefits	
Over 20 years.	
Pin oak, (<i>Quercus palustris</i>)	
Serving Size: 16.70 in. diameter	
Condition: Good	
Location: Lancaster, Pa, United States	
Expected over 20 years:	
Discover benefits of all your community trees!	
Carbon Dioxide Uptake	
Carbon Sequestered ¹	1,191.5 lbs
CO ₂ Equivalent ²	4,368.84 lbs
Storm Water Mitigation	
Runoff Avoided	4,635.48 gal
Rainfall Intercepted	37,622.82 gal
Air Pollution Removal	
Carbon Monoxide	1.24 oz
Ozone	420.09 oz
Nitrogen Dioxide	36.48 oz
Sulfur Dioxide	10.91 oz
PM _{2.5}	23.77 oz
Energy Usage³	
Electricity Savings	1,597.84 kWh
Heating Fuel Savings	43.39 MMBtu
Avoided Energy Emissions	
Carbon Dioxide	10,018.85 lbs
Carbon Monoxide	43.39 oz
Nitrogen Dioxide	31.1 oz
Sulfur Dioxide	813.21 oz
PM _{2.5}	7.52 oz



MyTree



Works hard for me!

Location: Lancaster, Pa, United States

Pin oak, (*Quercus palustris*)

With care and maintenance, after 20 years this tree could potentially:

offset 4,822 miles worth of CO₂ emitted from the average gas-powered passenger vehicle,



absorb enough stormwater to fill 1,409 bathtubs,



and remove an amount of pollution from the air – in gaseous and particulate form – equivalent in weight to 90 smartphones!

