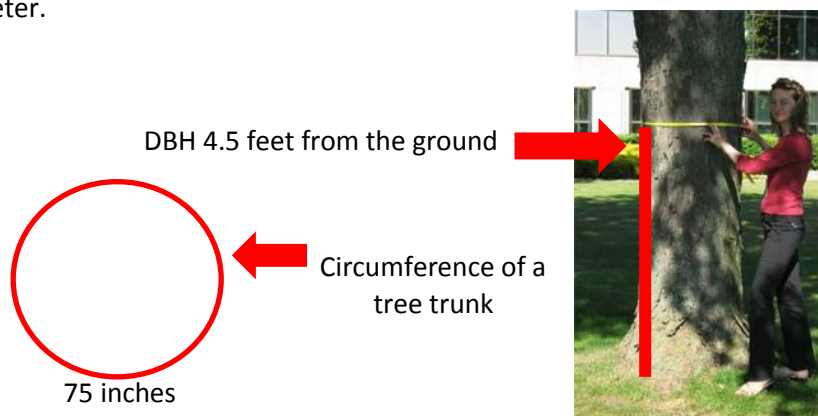


Tree Benefits Calculator Instructions

Trees provide many benefits to the public. These benefits can be calculated using the National Tree Benefit Calculator. Follow these instructions to find the dollar amount of environmental services trees on schoolyard are worth!

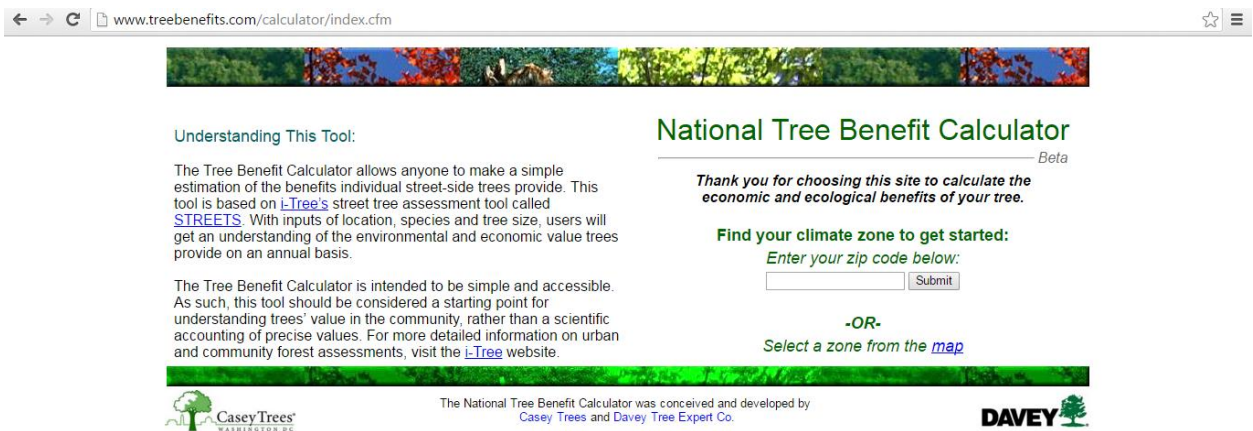
Step 1: Select your schoolyard trees. Determine the species and diameter of your selected trees. How to determine what species your schoolyard tree is: A tree identification field guide is recommended but if your school does not have one, this website will walk you through a dichotomous key to determine species. <http://dnr.wi.gov/eek/veg/treekey/index.htm>

How to calculate diameter: Using a tape measurer, measure the circumference of the tree trunk 4.5 feet above the ground. Then take the circumference and divide by 3.14 to get the diameter.

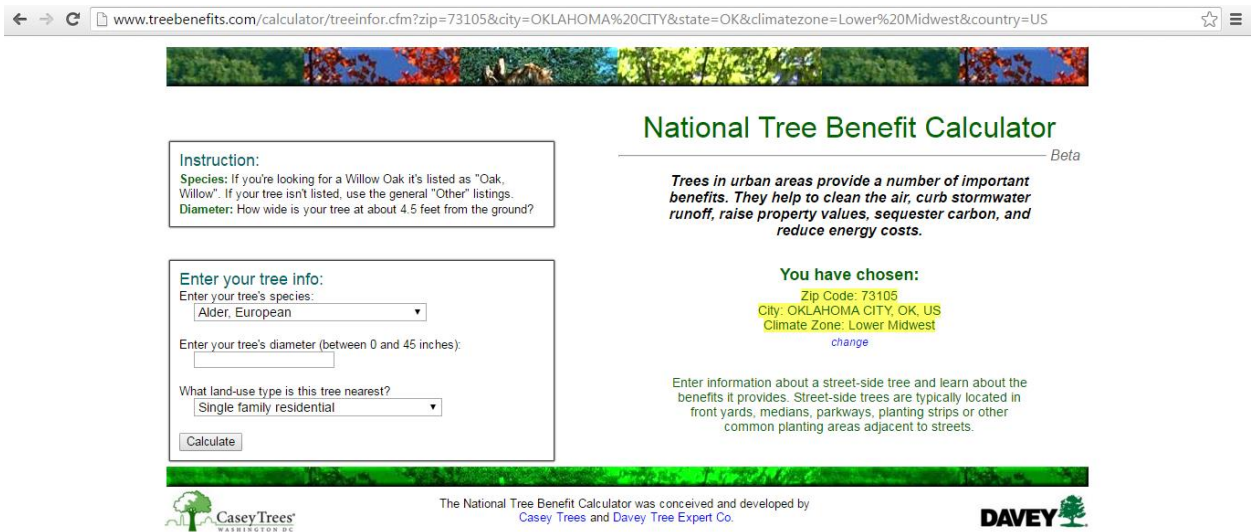


Diameter equation example: $75 \text{ inches} / 3.14 = 23.8 \text{ inches}$

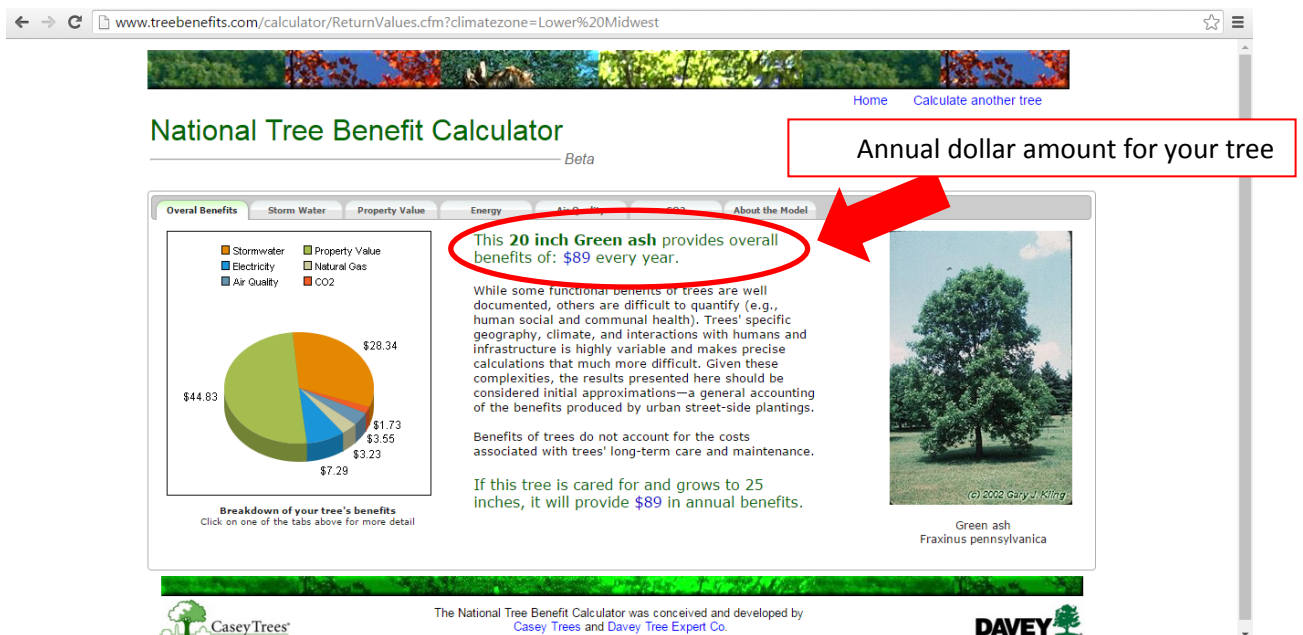
Step 2: After gathering your schoolyard tree data, go to the National Tree Benefit Calculator website. <http://www.treebenefits.com/calculator/index.cfm>
The webpage will look like the following image:



You will then enter your schools zip code. The following page will open:



Step 3: You will then enter your schoolyard tree data (species and diameter) as well as what land-use type the tree is nearest. After entering this data, you will hit calculate and the following page will load:



Click on the above tabs to see storm water value, property value, energy, air quality, and CO₂ benefits.

Step 4: Place your dollar value on your tree tag enclosed!

Step 5: Take a photo with your classroom near your schoolyard tree with the tree tags! Share on social media with the hashtag #OKArborDay

Happy Oklahoma Arbor Week!