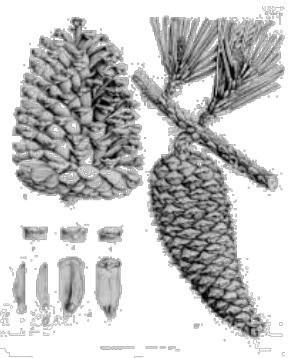


City of Delray Beach: Plant 10,000 Trees by Year 2025

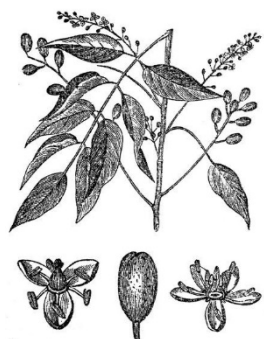
The urban forest is being recognized more and more as a vital part of urban communities. Recent studies show that increased tree canopy provides not only natural system benefits, but also plays important roles in human health and the economy. Delray Beach conducted a Tree Canopy Assessment in 2019, using satellite imagery, which determined tree canopy coverage was 23 percent. The Assessment established a tree planting goal of 10,000 trees over a 5-year period, in order to increase tree canopy coverage to 28 percent by 2025, and raise the benefits trees provide to Delray Beach.

Know Your Trees



Slash pine - *Pinus elliottii*

A medium to large tree that reaches heights of 35 to 40 meters. It is characterized by needles at the ends of the branches.



Gumbo limbo - *Bursera simaruba*

A big and beautiful tree with red bark that peels back - reminiscent of sunburned skin - which gives gumbo limbo the nickname of "Tourist Tree."



Live oak - *Quercus virginiana*

Live oak tree wood is yellowish-brown and is very strong. Live oak trees are usually found with curved trunks and branches with an iconic canopy spread.

Trees have more benefits than the eye can see

- + Protects habitat for wildlife
- + Improves human health and reduces stress
- + Captures and contains CO₂ (carbon sequestration)
- + Removes air pollutants and produces oxygen
- + Reduces runoff and improves stormwater management
- + Cools down urban heat by shading sidewalks
- + Reduces electricity use by shading buildings
- + Helps decrease noise along traffic corridors
- + Increases property values
- + Enhances aesthetic value of landscapes
- + Increases resilience against storms

Why Plant Trees?

The trees within the urban tree canopy provide a range of ecological, economic and social benefits to the residents of the City, including helping our community to be more resilient against the effects of climate change. Trees also provide shade, energy savings, air and water quality improvements, carbon storage and sequestration, reduced crime, improved aesthetics, and increased property values. Planting trees and creating healthy forests can also increase resilience against the impact of tropical storms and flooding events.

Quick Fact

Did you know? Trees provide oxygen. In just one year, an acre of trees produced enough oxygen for 18 adults.