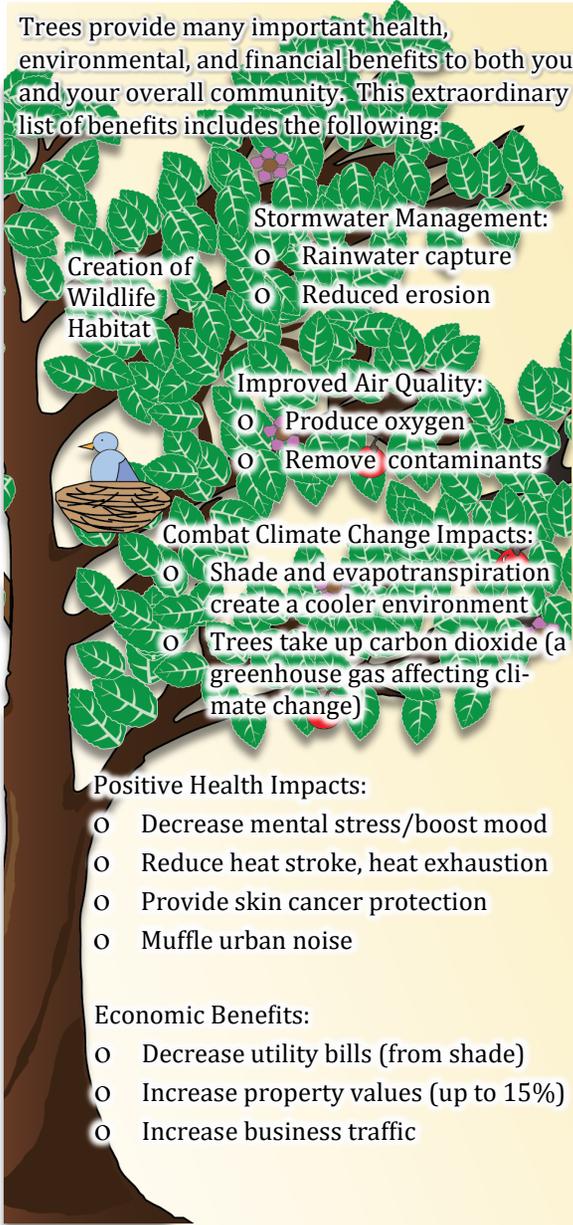


Trees provide many important health, environmental, and financial benefits to both you and your overall community. This extraordinary list of benefits includes the following:



Creation of Wildlife Habitat

Stormwater Management:

- Rainwater capture
- Reduced erosion

Improved Air Quality:

- Produce oxygen
- Remove contaminants

Combat Climate Change Impacts:

- Shade and evapotranspiration create a cooler environment
- Trees take up carbon dioxide (a greenhouse gas affecting climate change)

Positive Health Impacts:

- Decrease mental stress/boost mood
- Reduce heat stroke, heat exhaustion
- Provide skin cancer protection
- Muffle urban noise

Economic Benefits:

- Decrease utility bills (from shade)
- Increase property values (up to 15%)
- Increase business traffic

This pamphlet provides guidelines for proper tree selection, installation, and pruning to promote tree health, storm resiliency, and life span. Increasing tree life spans ensure that benefits will endure for future generations .

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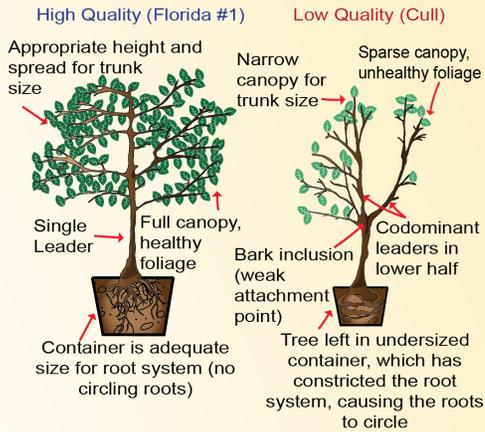
Benefits of Urban Trees and How to Create a More Storm Resilient Tree Canopy in Your Community



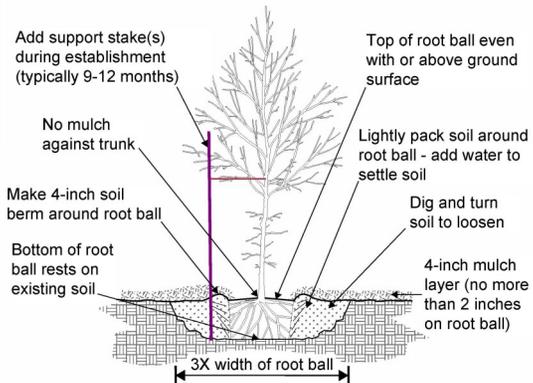
Live, Work, Learn and Play

Tree Selection and Installation

When selecting a tree, consider a native species that is wind and drought tolerant. Please reference the Florida Urban Forestry Council (FUFC) "Right Tree, Right Place" Guide (www.fufc.org). When choosing a tree, make sure the tree meets Florida Grade 1 standards, described below. Refer to the Florida Agriculture (<https://www.fdacs.gov/Agriculture-Industry/Plants-and-Nurseries>).



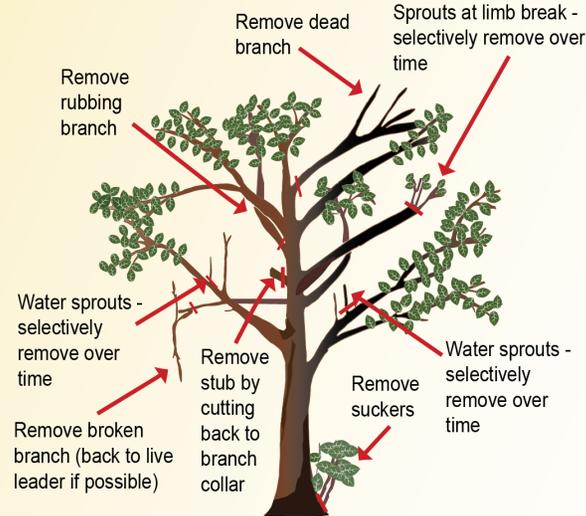
When choosing a planting location, allow for adequate space for the tree's canopy and roots. Avoid conflicts, including houses and underground and aboveground utilities. When planting the tree, follow the installation guidelines below:



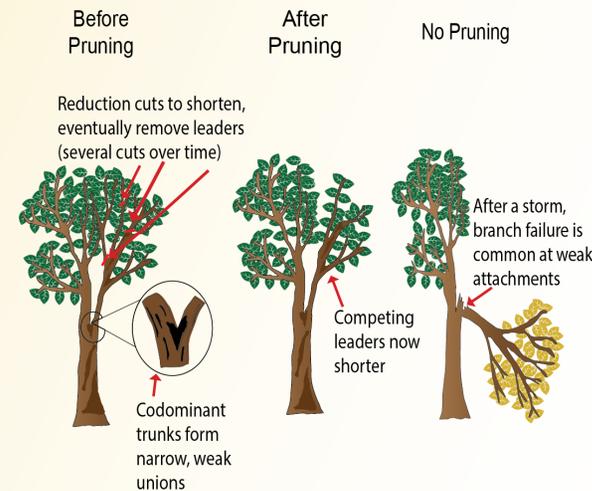
Care for Existing Trees

High winds and heavy rain can wreak havoc on weak and stressed trees. With proper care and timely maintenance overseen by an ISA Certified Arborist, trees can be more resistant to storm damage. The following pruning measures can reduce hazards both before and after storm events.

Hazard Pruning and Storm Restoration

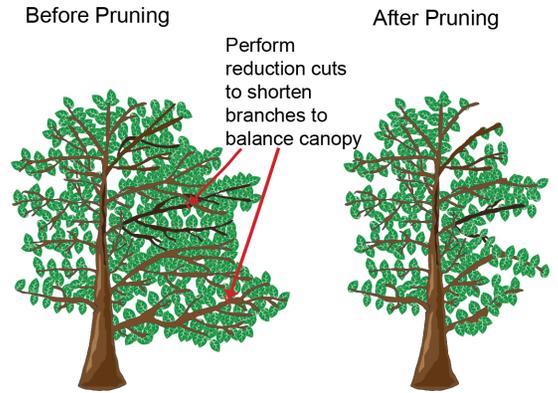


Structural Pruning — Codominant Leaders

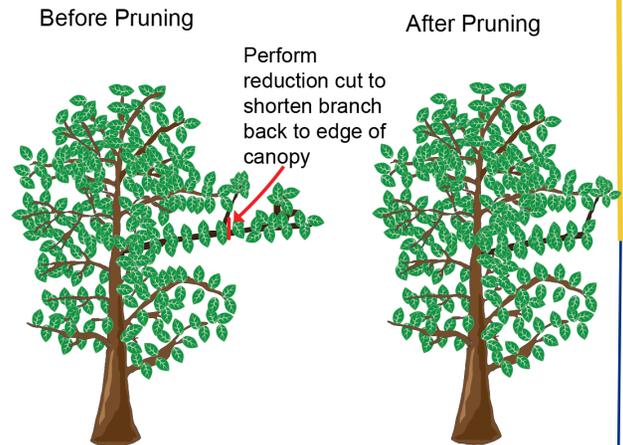


Care for Existing Trees (Continued)

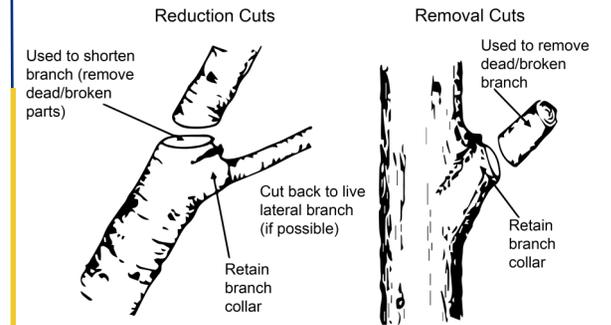
Structural Pruning — Lopsided Canopy



Structural Pruning — Over-Extended Limbs



Proper Pruning Cuts



Base image Source: UF-IFAS (modified text)