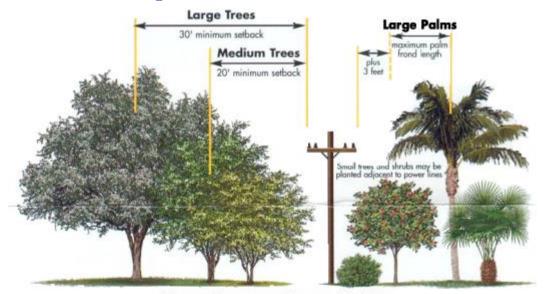


FL Power Planting Guidelines



Trees Shown at Mature Height

Recommended Trees for South Florida:

These trees would be suitable for planting adjacent to overhead distribution powerlines

Geiger Tree

(Cordia sebestena)
This slow growing tree
has striking orange blossoms
in the spring. Whether multistemmed or with a single
trunk, this tree works well as
a specimen or patio tree.

Growth Rate: Slow Maturity Height x Spread: 15-20' x 20' Foliage: Evergreen

Silver Buttonwood

(Conocarpus erectus var. sericeus)
Silver to blue-green foliage provides
accent as a small tree or buffer.
Multi-stemmed, tough tree adapts
well to urban areas.

Growth Rate: Moderate Maturity Height x Spread: 15-20' x 20'-30' Foliage: Evergreen



Spanish Stopper

(Eugenia spp.)
Narrow canopy and the ability
to grow in limited soil space makes
this tree ideal for parking lot
islands and small landscapes.
Drought-tolerant once established.

Growth Rate: Slow to moderate Maturity Height x Spread: 15:20' x 15' Foliage: Evergreen



(Cassia surattensis)
Beautiful yellow flowers on an outstanding small tree. Prune to maintain tree form, Ideal for small landscapes as an accent tree.

Growth Rate: Moderate Maturity Height × Spread: 15-20' × 15-20' Folioge: Evergreen





Common Name	Height x Spread	Setback from Power Line	Tree Shape	with the
Bald Cypress	60-80' x 25-30'	30'	Upright & narrow	
Brazilian Beautyleaf	30-45' x 30-50'	30'	Spreading canopy	
Green Buttonwood	30-40' x 20-30'	30'	Spreading vase	Sec. A.
Gumbo Limbo	25-40' x 35-50'	30'	Spreading canopy	ght & N
Jacaranda	35-40' x 45-60'	30'	Spreading canopy	gill or N
Live Oak	60-80' x 60 plus feet	30'	Spreading canopy	
Mahogany	50' x 50'	30'	Rounded canopy	
Paradise Tree	30-50' x 30'	30'	Upright & rounded	
Pigeon Plum	20-40' x 20-30'	20'	Upright & rounded	+VE - S
Pink Trumpet Tree	25-35' x 15-25'	201	Upright oval	
Royal Poinciana	25-40' x 50 plus feet	30'	Rounded & spreading	
Satinleaf	25-40' x 25'	30°	Upright vase shaped	
South Florida Slash Pine	35-50' x 30-40'	30'	Upright & slightly spreading	Y
Wild Tamarind	40-60' x 45'	30°	Weeping spreading Upr	ight & S

Conocarpus erectus, Buttonwood

Buttonwood is ideal for seaside plantings as it is highly tolerant of full sun, sandy soils, and salty conditions. It also tolerates brackish areas and alkaline soils, thriving in the broken shade and wet soils of hammocks. This is a tough tree! It withstands the rigors of urban conditions very well and makes a durable street or parking lot tree. Due to its small size, plant on 15- to 20-foot centers to form a closed canopy over the sidewalk along a street. Purchase single-trunked trees for street and parking lot plantings. Help prevent sprouting at the base of the trunk by training trees to a single trunk when they are young in the nursery. Sprouting is often a bigger problem if multiple trunks are allowed to develop and then they are pruned off to form a single trunk. Trees are tough and long-lasting in the landscape. Old plants grow to 30 feet tall and wide; some plants can grow larger than this. The wood of Buttonwood was used for firewood, lumber, cabinet work, and charcoal making and is a perfect wood for smoking meats and fish. The tree usually develops included bark in crotches of major branches, but the wood is considered strong enough to compensate for this defect to a certain degree. Salt is excreted through glands in the petioles.

This plant can be grown as a multi-trunk tree for use in highway median strips and in landscapes or can be used as a street tree where there is not a need for tall-vehicle clearance beneath the crown. The small stature and low, spreading, branching habit make pruning for vehicular clearance difficult unless it is properly trained from an early age to develop one main trunk. The effort required initially to train this tree for street tree use, however, may be offset by its advantages.

Occurs in Cape Canaveral along the coast to Key West and Bradenton. Often seen with mangroves growing near water.

National champion is 51 x 68 feet in Palm Beach, Florida.



Nerium oleander

Common name(s): Oleander, Rosebay, Common Oleander

Plant type: evergreen large shrub Primary method of propagation: cutting Alternate propagation method(s): seed

Propagation by Cuttings

Cutting type: stem tip

Time of year to take cuttings: early Autumn

Cutting maturity: softwood

Rooting environment: intermittent mist

Time to rooting: 6-8 weeks

Comment: Use green wood for cuttings.

Propagation by Seed

Time of year to collect seed: no information Time of year to sow seed: no information

Seed treatment: no information









Philodendron selloum

This large-leaved, easily grown philodendron makes a dramatic, tropical statement wherever it is used in the landscape, eventually developing a three to four-foot long treelike trunk and a spread of 8 to 10 feet. The deeply divided, usually drooping, medium green leaves grow up to three feet long and 12 to 18 inches wide, appearing on long, smooth petioles. It can be grown outside in central and south Florida, and in a protected area in Gainesville or Jacksonville.

General Information

Scientific name: Philodendron selloum Pronunciation: fill-loe-DEN-drun sell-LOE-um

Common name(s): Selloum

Family: Araceae Plant type: shrub

USDA hardiness zones: 8B through 11 Planting month for zone 8: year round Planting month for zone 9: year round

Planting month for zone 10 and 11: year round

Origin: not native to North America

Uses: mass planting; specimen; container or above-ground planter; foundation; accent; suitable for growing

indoors

Availability: generally available in many areas within its hardiness range

Description

Foliage Height: 6 to 12 feet Spread: 10 to 15 feet Plant habit: round Plant density: moderate Growth rate: fast Texture: coarse

Leaf arrangement: spiral





Hibiscus rosa-sinensis

This popular landscape shrub creates a bold effect with its medium-textured, glossy dark green leaves and vibrantlycolored, four to eight-inch-wide, showy flowers, produced throughout the year (Fig. 1). Cultivars are available with single or double flowers in shades of white, pink, red, yellow, peach, or orange, or combinations of these. Flowers are produced continuously in great abundance, making up for the fact that each flower will last only one or two days. Some selections have variegated foliage and appear to be covered with snow.

General Information

Scientific name: Hibiscus rosa-sinensis

Pronunciation: hye-BISS-kus roe-zuh-sye-NEN-sis Common name(s): Tropical Hibiscus, Chinese Hibiscus

Family: Malvaceae Plant type: tree

USDA hardiness zones: 9 through 11 Planting month for zone 9: year round

Planting month for zone 10 and 11: year round

Origin: not native to North America

Uses: hedge; border; mass planting; specimen; container or above-ground planter; foundation; trained as a

standard;espalier; accent; attracts butterflies; attracts hummingbirds Availablity: generally available in many areas within its hardiness range

Description

Height: 7 to 12 feet Spread: 6 to 10 feet Plant habit: vase shape Plant density: moderate

Growth rate: fast Texture: medium





Clusia rosea 'Variegata' Pitch-Apple

This wide-spreading, densely-foliated, rounded, 25 to 30-foot-tall, evergreen tree has a short trunk and broad, thickened, leathery leaves, reminiscent of Southern Magnolia leaves. The leaves are striking with yellow and green marbled variegations. It is, in fact, greatly admired in Cuba and the Virgin Islands as an ornamental. Leaves can be written on with a fingernail. In summer, the showy, pink and white, two to three-inch flowers appear at night and sometimes remain open all morning on overcast days. They appear near the branch tips and are followed by a fleshy, light green, poisonous fruit, three inches in diameter. These persistent fruits turn black when ripe and split open, revealing bright red seeds surrounded by a black, resinous material. The seeds are very attractive to birds and other wildlife and they germinate readily in the landscape and surrounding areas. The black material surrounding these seeds was once used to caulk the seams of boats, hence its common name, 'Pitch-Apple'.

GENERAL INFORMATION

Scientific name: Clusia rosea 'Variegata' Pronunciation: KLOO-see-uh ROE-zee-uh

Common name(s): 'Variegata' Pitch-Apple, 'Variegata' Florida Clusia

Family: Clusiaceae

USDA hardiness zones: 10B through 11

Origin: native to North America

Uses: container or above-ground planter; espalier; hedge; large parking lot islands (> 200 square feet in size); wide tree lawns (>6 feet wide); medium-sized parking lot islands (100-200 square feet in size); medium-sized tree lawns (4-6 feet wide); recommended for buffer strips around parking lots or for median strip plantings in the highway; near a deck or patio; reclamation plant; screen; trainable as a standard; shade tree; small parking lot islands (< 100 square feet in size); narrow tree lawns (3-4 feet wide); specimen; sidewalk cutout (tree pit); residential street tree; tree has been successfully grown in urban areas where air pollution, poor drainage, compacted soil, and/or drought are common

Availability: grown in small quantities by a small number of nurseries

DESCRIPTION

Height: 25 to 30 feet Spread: 15 to 25 feet

Crown uniformity: symmetrical canopy with a regular (or smooth) outline, and individuals have more or less

identical crown forms

Crown shape: round; spreading

Crown density: dense Growth rate: medium Texture: coarse



