

Suggested Tree Selection Guide



When you're ready to select your tree, remember to:

- ✓ Carefully plan your planting location.
- ✓ Check with local authorities on requirements for

clearance around utility lines, street lights and traffic intersections.

- ✓ Choose trees safe for the environment in which you plan to plant.
- ✓ Check the area for over-

head power lines; avoid planting beneath them.

- ✓ Select trees that will adapt easily to your chosen location and yard's characteristics; native trees are most adaptable.

- ✓ Choose trees that will not damage driveways, sidewalks or streets.
- ✓ Select trees and planting locations based on energy-saving benefits.

Trees to Avoid Planting



There are some trees we recommend you simply do not plant. Their potential to interfere with overhead power lines, fast growth rate, intrusive root system, littering fruit and leaves, and other factors make them less desirable for the home landscape.

- Those we suggest you avoid because of their fast growth rates and overall aggressive nature: **Australian Pine, American Sycamore, Bishofia, Black Cherry, Brazilian Pepper, Camphor, Ficus,**

Melaleuca, Parleal Acacia and Sweetgum.

- Many fast-growing trees produce shade but are short-lived and structurally weak. Their brittle wood could crack during a severe storm, possibly damaging your home and others nearby. Some have messy fruit and leaves that could leave unwanted litter. These trees include **Chinaberry, Earleaf Acacia, Ear Tree, Silk Oak and Royal Poinciana.**

- Trees to avoid that have particularly aggressive root

systems, which often break sidewalks and clog sewer and gas lines: the **Banyan Tree, Ear Tree, Laurel Fig, Rosewood, Rubber Tree and Weeping Fig.**

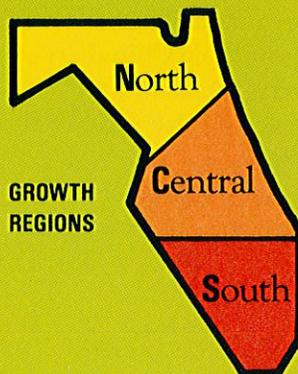
- Palms that present the most frequent problems for overhead power lines are **Coconut, Royal, Sable and Washington Palms.** Please avoid planting them anywhere near utility lines. When they interfere with power lines, they must be trimmed, altering their pleasing appearance.

Small Trees

	MATURE HEIGHT	ORIGIN	PLANT TYPE	SALT TOLERANCE	GROWTH RATE	NUTRITIONAL REQ	DROUGHT TOLERANCE	FLOWERING	FRUIT	SOIL TYPE	SHADE TREE	DISTANCE FROM POWERLINE	FORM	FROST TOLERANCE	GROWTH REGION
WILD COFFEE (Psychotria nervosa)	4-6	N	E	N	M	L	M	I	B	V	M	*	R	T	S
FLORIDA TETRAZYGIA (Tetrazygia bicolor)	6-10	N	E	M	S	M	V	Y	B	V	L	*	S	SH	S
GALLBERRY (Ilex glabra)	6-10	N	E	M	S	L	M	I	B	S	L	*	S	H	N,C,S
FIREBUSH (Hamelia patens)	10	N	E	M	S	ML	V	Y	B	V	L	*	S	T	C,S
SWEET ACACIA (Acacia farnesiana)	10-12	N	E	Y	F	M	V	I	I	WD	M	*	V	H	C,S
SILVER BUTTONWOOD (Conocarpus erectus var. sericea)	5-15	N	E	Y	S	L	MV	I	I	V	L	*	S	T	S
IACOCO COCOPLUM (Chrysobalanus iacoco)	10-15	N	E	Y	M	L	MV	Y	E	V	H	*	S	T	C,S
JAPANSE PRIVET (Ligustrum japonicum)	10-15	O	E	N	S	M	M	Y	I	WD	M	*	R	H	N,C,S
LIGNUM VITAE (Guaiacum sanctum)	10-15	N	E	M	S	L	V	Y	I	WD	H	*	R	T	S
MARLBERRY (Ardisia escallonioides)	12-15	N	E	Y	M	L	M	Y	B	S	M	*	C	T	S
ORANGE JASMINE (Murraya paniculata)	10-20	O	E	N	S	M	V	Y	N	WD	L	*	R	T	C,S
SOUTHERN CRABAPPLE (Malus angustifolia)	10-20	N	D	N	F	M	M	Y	B	F	M	*	R	H	N,C
YELLOW ELDER (Tecoma stans)	10-20	N	E	N	F	M	V	Y	I	WD	M	*	R	T	C,S
LOQUAT (Eriobotrya japonica)	15-20	O	E	M	F	L	V	Y	E	WD	H	*	R	H	N,C,S
MYRSINE (Myrsine guianensis)	15-20	N	E	Y	M	L	V	I	B	V	M	*	O	H	C,S
STOPPERS (Eugenia spp.)	15-20	N	E	N	S	L	V	I	B	WD	M	*	R	H	N,C,S
BLACK IRONWOOD (Krugiodendron ferreum)	20	N	E	M	S	L	V	I	I	V	H	*	O	H	S
CORAL BEAN (Erythrina herbacea)	20	N	D	M	F	L	V	Y	I	WD	L	*	S	T	S
CRAPEMYRTLE (Lagerstroemia indica)	20	O	D	M	M	M	V	Y	I	V	M	*	V	H	N,C,S
WAXMYRTLE (Myrica cerifera)	20	N	E	Y	M	L	V	Y	I	V	M	*	V	H	N,C,S
WEEPING BOTTLEBRUSH (Callistemon uiminalis)	20	O	E	M	F	M	M	Y	I	V	L	*	R	H	C,S

*Any of these trees can be planted directly under powerlines.

Key to Tree Selection Guide



FORM



Spreading



Oval



Columnar



Round



Pyramidal



Vase

Medium Trees

	MATURE HEIGHT	ORIGIN	PLANT TYPE	SALT TOLERANCE	GROWTH RATE	NUTRITIONAL REQ	DROUGHT TOLERANCE	FLOWERING	FRUIT	SOIL TYPE	SHADE TREE	DISTANCE FROM POWERLINE	FORM	FROST TOLERANCE	GROWTH REGION	
STRONGBARK (<i>Bourreria ovata</i>)	20	N	E M	M	L	V	I	I	V	M	20	O	T	S		
CATTLEY GUAVA (<i>Psidium littorale</i>)	15-25	O	E N	M	M	V	I	EB	F	M	20	V	SH	C,S		
FRANGIPANI (<i>Plumeria rubra</i>)	15-25	O	D M	S	M	V	Y	I	WD	L	20	S	T	S		
FRINGETREE (<i>Chionanthus virginicus</i>)	20-25	N	D M	M	M	M	Y	I	F	H	20	R	H	N,C		
GEIGER TREE (<i>Cordia sebestena</i>)	20-25	N	E Y	M	L	V	Y	I	S	N	20	O	T	S		
YAUPON HOLLY (<i>Ilex vomitoria</i>)	20-25	N	E Y	M	L	V	I	B	V	M	20	O	H	N,C		
SILVERBELLS (<i>Halesia diptera</i>)	25	N	D N	S	M	M	Y	I	F	M	20	R	H	N		
CITRUS SPP. *except grapefruit	10-30	O	E N	M	H	V	Y	E	WD	H	20	R	T	C,S		
CRABWOOD (<i>Ateramnus lucida</i>)	15-30	N	E M	S	L	V	I	I	V	M	20	O	T	C,S		
PINK TRUMPET TREE (<i>Tabebuia heterophylla</i>)	15-30	O	E M	M	M	V	Y	I	V	L	20	O	SH	S		
EAST PALATKA HOLLY (<i>Ilex attenuata</i> "East Palatka")	20-30	N	E M	F	L	M	I	N	WD	L	20	O	H	N,C		
ORCHID TREE (<i>Bauhinia</i> spp.)	20-30	O	D N	F	M	V	Y	I	WD	H	20	R	H	C,S		
TWINBERRY (<i>Myrcianthes fragrans</i>)	20-30	N	E Y	M	L	V	I	EB	V	L	20	V	T	S		
BLUE BEECH (<i>Carpinus caroliniana</i>)	25-30	N	D N	MS	L	L	I	I	X	M	20	S	H	N,C		
CHICKASAW PLUM (<i>Prunus angustifolia</i>)	25-30	N	D M	MF	M	V	Y	I	V	L	20	S	H	N,C		
FIDDLEWOOD (<i>Citharexylum fruticosum</i>)	25-30	N	E M	S	L	V	Y	E	B	M	20	O	T	C,S		
PIGEON-PLUM (<i>Coccoloba diversifolia</i>)	25-30	N	E Y	S	L	V	I	B	S	M	20	O	T	S		
PITCH APPLE (<i>Clusia rosea</i>)	25-30	N	E Y	S	L	V	Y	E	V	H	20	R	T	S		
RED BUD (<i>Cercis canadensis</i>)	25-30	N	D N	M	M	V	Y	I	F	M	20	S	H	N,C		
SEAGRAPE (<i>Coccoloba uvifera</i>)	25-30	N	SD	Y	M	L	V	I	EB	S	H	20	S	T	S	
HOPHORNBEAN (<i>Ostrya virginiana</i>)	30	N	D N	S	L	V	I	I	N	M	20	S	H	N		
SATIN LEAF (<i>Chrysophyllum oliviforme</i>)	30-40	N	E N	S	L	V	I	E	V	M	25	O	T	S		
MILKBARK (<i>Drypetes diversifolia</i>)	30-40	N	E Y	M	L	V	I	I	V	M	25	R	T	S		
BLOLLY (<i>Guapira discolor</i>)	35-40	N	E M	M	L	V	I	B	V	H	25	R	SH	S		

MATURE HEIGHT:
expressed in feet

ORIGIN:
N = native O = other

PLANT TYPE:
E = evergreen D = deciduous
SD = semi-deciduous

SALT TOLERANCE:
Y = yes M = medium
N = not

GROWTH RATE:
F = fast M = medium
S = slow

NUTRIENT REQUIREMENTS:
H = high M = medium
L = low

DROUGHT TOLERANCE:
V = very M = moderate
L = low

FLOWERING:
Y = yes I = insignificant

FRUIT:
E = edible N = non edible
I = insignificant B = birds
or wildlife

SOIL TYPE:
F = fertile N = not in low, wet
areas V = variety
WD = well drained
X = all except well drained
S = sandy

SHADE DENSITY:
H = high M = medium
L = low

**DISTANCE FROM
POWERLINE:**
expressed in feet

GROWTH REGION:
N = north C = central
S = south

FROST TOLERANCE:
H = hardy SH = semihardy
T = tender

Large Trees

	MATURE HEIGHT	ORIGIN	PLANT TYPE	SALT TOLERANCE	GROWTH RATE	NUTRITIONAL REQ	DROUGHT TOLERANCE	FLOWERING	FRUIT	SOIL TYPE	SHADE TREE	DISTANCE FROM POWERLINE	FORM	FROST TOLERANCE	GROWTH REGION
WEeping PODOCARPUS (Podocarpus gracillior)	15-35	O	E	M	M	M	M	I	Y	V	H	25	R	H	S
DAHOON HOLLY (Ilex cassine)	25-35	N	E	M	M	L	M	I	B	V	L	25	O	H	N,C
GOLDEN RAIN TREE (Koelreuteria paniculata)	30-40	O	D	M	M	L	V	Y	I	WD	H	25	V	H	N,C,S
FLOWERING DOGWOOD (Cornus florida)	30-40	N	D	N	S	M	V	Y	B	F	M	25	S	H	N,C
SOUTHERN RED CEDAR (Juniperus silicicola)	30-40	N	E	N	M	L	V	I	B	WD	M	25	P	H	N,C,S
CHERRY LAUREL (Prunus caroliniana)	40	N	E	N	M	M	M	Y	B	N	M	25	R	H	N,C
BLACK OLIVE (Bucida buceras)	40-50	O	D	Y	M	M	V	I	I	V	H	30	R	SH	S
LIVE OAK (Quercus virginiana)	40-50	N	SD	Y	M	L	V	I	B	V	H	30	S	H	N,C,S
WEST INDIAN MAHOGANY (Swietenia mahagoni)	40-50	N	SD	M	F	L	V	I	I	V	H	30	R	T	S
RED MAPLE (Acer rubrum)	75	N	D	N	F	L	L	I	I	F	M	35	O	H	N,C
LAUREL OAK (Quercus laurifolia)	60-80	N	D	N	F	L	V	I	B	V	H	35	O	H	N,C,S
WATER OAK (Quercus nigra)	60-100	N	D	N	F	L	V	I	B	V	H	35	R	H	N,C
SHUMARD OAK (Quercus shumardii)	80-100	N	D	N	M	L	M	I	B	WD	H	35	R	H	N,C

Palms and Palm-like Plants

	MATURE HEIGHT	ORIGIN	SALT TOLERANCE	GROWTH RATE	NUTRITIONAL REQ	DROUGHT TOLERANCE	GROWTH REGION	LEAF TYPE
NEEDLE PALM (Rhapidophyllum hystrix)	5	N	L	S	L	M	N,C,S	PALMATE
BUCCANEER PALM (Pseudophoenix sargentii)	10	N	H	S	M	V	S	PINNATE
SAW PALMETTO (Serenoa repens)	10	N	H	S	L	M	N,C,S	PALMATE
KING SAGO PALM (Cycas revoluta)	10	O	M	S	M	V	N,C,S	PINNATE
QUEEN SAGO PALM (Cycas circinalis)	12	O	M	S	M	V	N,C,S	PINNATE
LADY PALM (Rhaps excelsa)	15	O	L	S	M	M	S	PALMATE
PYGMY DATE PALM (Phoenix roebelinii)	15	O	L	S	M	V	N,C,S	PINNATE
PINDO PALM (Butia capitata)	20	N	M	S	M	V	N,C,S	PINNATE



PALMATE



PINNATE