



Design Guidelines

Approved by the CROA Board of Directors on 08/23/2011; effective for applications received on or after 10/01/2011.



LANDSCAPE – PLANT GUIDE: PALMS, TROPICALS & COLD-SENSITIVE



View this Design Guideline online and store it electronically if needed. If you wish to print some of this information, please print only the section(s) or page(s) you need.

See also: *Design Guidelines: Landscape – Design & Planning* for information on submitting a request to change your landscape plan.

See also: *Design Guidelines: Landscape – Plant Guide: Ground Covers, Vines, Turf*

See also: *Design Guidelines: Landscape – Plant Guide: Perennials, Annuals, Bulbs*

See also: *Design Guidelines: Landscape – Plant Guide: Shrubs*

See also: *Design Guidelines: Landscape – Plant Guide: Trees*

Partners in Maintaining and Enhancing Celebration's Beauty

Since its formation in April of 1997, the Garden Club of Celebration has played many roles related to the outdoor beauty of the community. Just a few examples include early updates to the Plant Resource Guide, development of the Master Gardener program in Celebration, design and refurbishment of community spaces, and perhaps most familiar to residents – the twice annual pine straw sale which is a key fundraiser for the Garden Club's annual scholarship program.

Most recently the Club completed a major review and update of the Plant Guide which provides the "go to" reference for Celebration property owners when they want to update their landscaping.

The Garden Club of Celebration provides an environment where gardeners of all types can thrive – from novices to Master Gardeners. More information on the Club and their monthly programs, which are open to all residents, is available in the *Celebration News*, on the Front Porch website, or by contacting Town Hall.

Thanks also to the University of Florida/IFAS Extension

As a complete replacement of the former Plant Resource Guide, the new Plant Guide uses the state-developed Florida-Friendly plant database as the initial plant inventory. Plants which are not appropriate for Central Florida were removed. Other plants were added or removed based on actual experience in Celebration. Information was added for specific plants which may assist residents in making selections which are cost-effective and suitable for the level of maintenance desired.

Can't find a particular plant or don't know the name?

- See the companion document *Design Guidelines: Landscape – Plant Guide Cross Reference* which has all plants listed by "common" name(s).
- Want to do more research? Visit these helpful websites:

- Florida-Friendly Landscaping Plant Database at www.floridayards.org
- Atlas of Florida Vascular Plants at www.florida.plantatlas.usf.edu








A Viburnum is a Viburnum is a Viburnum ... Not!






Pay special attention to specific plant variety names to ensure you purchase the correct plant and plant characteristics you expect. In many species, there may be wide variation in the individual members. For example, the *viburnum* species has as many as 175 different types of shrubs and trees; some may reach 20' tall, while others typically grow to be only 3' tall. Often a traditional nursery (versus a home improvement center) will carry several varieties and have more information on growth habits.







































When selecting plants, take into account their water requirements – are they tolerant of soggy soil (such as former swampland)? Do they need regular watering (which may not be available during periods of water restrictions)? In addition, your sprinkler system may benefit from updating to have a portion use a drip or emitter system.
















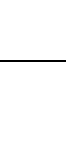
Notes about the Plant List:









Botanical Name	Listed alphabetically within each major section
Common Name	
	 Plants native to Florida (marked with this symbol) may grow better and be easier to maintain than non-natives
Minimum Size at Installation [Height x Spread]	
Where Plant May Be Used	Front, Side, Alley or Private Zone. If definitions are needed, refer to <i>Design Guidelines: Zones & Lot Restrictions</i>
Water Needs	
Growth Rate	Assumes <i>ideal</i> growing conditions
Height x Spread at Maturity	Assumes <i>ideal</i> growing conditions
Light Range	 Full Sun  Partial Shade  Shade
Wildlife (attracts these)	 Butterflies  Hummingbirds  Other birds
Description	Taken primarily from the Florida-Friendly Plant List. Additional text has been incorporated into the descriptions from numerous sources deemed reliable.

Botanical Name Common Name	Minimum Size at Installation [Height x Spread]	Where Plant May Be Used Water Needs	Growth Rate Height x Spread at Maturity	Light Range	  	Description
PALMS						
<i>Arenga engleri</i> Formosa Palm, Dwarf Sugar Palm		Private Zone Only Low	Medium 10' x 16'			Red/orange/green flowers in Spring; Wear gloves when handling fresh fruit or seeds;

Botanical Name Common Name	Minimum Size at Installation [Height x Spread]	Where Plant May Be Used Water Needs	Growth Rate Height x Spread at Maturity	Light Range		Description
<i>Butia capitata</i> Pindo Palm	6-8'	Private Zone Only Low	Slow 15-25' x 10-15'			Edible fruit used for jelly; attracts wildlife; looks best in full sun; white flowers; pest sensitive; high wind resistance
<i>Chamaerops humilis</i> European Fan Palm	2-6'	Private Zone Only Low	Slow 5-15' x 6-15'			Small palm, dwarf, cluster. clumping palm; yellow flowers in summer; pest sensitive; very cold hardy; relatively low maintenance compared to other palms; petioles with sharp teeth
<i>Cyathea cooperi</i> Australian Tree Fern		Private Zone Only Medium	Fast 30-40' x 6-8'			Can be hit by frost but will come back
<i>Livistona chinensis</i> Chinese Fan Palm	6-10'	Private Zone Only Low	Medium 15-25' x 10-20'			High wind resistance; leaves can grow to 5 ft diameter
<i>Phoenix robelinii</i> Pigmy Date Palm	3 – 15 gallon	Private Zone Only Low	Slow 4-10' x 12-15'			Multi-trunk, graceful. yellow flowers in summer; <i>Phoenix canariensis</i> , <i>Phoenix dactylifera</i> and <i>Phoenix robelinii</i> have high wind resistance
<i>Phoenix spp.</i> Date Palms		Private Zone Only Low	Slow Varies x varies			Yellow flowers in Summer; <i>Phoenix canariensis</i> , <i>Phoenix dactylifera</i> and <i>Phoenix robelinii</i> have high wind resistance
<i>Raphis excelsa</i> Lady Palm		Private Zone Only Medium	Slow 7-14' x 15'			Watch for scales, mealybugs and banana moth; manganese deficiency on alkaline soils; iron deficiency; in full sun leaves yellow and roots burn if too dry
<i>Rhapis humilis</i> Slender Lady Palm		Private Zone Only Medium	Medium 7' x varies			Watch for scales and mealybugs
<i>Sabal minor</i> Dwarf Palmetto, Blue-stem Palmetto		Private Zone Only Low	Slow 4-9' x 4-8'			Fruit attracts wildlife in Fall; difficult to transplant; good understory plant and for retention ponds/drainage swales, prefers moist soils but tolerates drier conditions after establishment
<i>Sabal Palmetto</i> Cabbage Palm	[8-10']	Private Zone Only Low	Slow 25-60' x 10-15'			Florida's state tree; adapted to most landscapes; white flowers, summer; watch for weevils/scale/ ganoderma butt rot; high wind resistance; older palms transplant easily; fruit important to wildlife
<i>Serenoa repens</i> Saw Palmetto 		Private Zone Only Low	Slow 3-10' x 4-10'			Yellow/white flowers in Spring; difficult to transplant; grows on first dune; round black fruits used by many mammals and large birds; well drained soil; flammable

Botanical Name Common Name	Minimum Size at Installation [Height x Spread]	Where Plant May Be Used Water Needs	Growth Rate Height x Spread at Maturity	Light Range		Description
<i>Syagrus romanzoffian</i> was <i>Arecastrum romanzoffianum</i> Queen Palm	[10-12']	Private Zone Only Medium	Medium 25-40 10-15			Topped with canopy of feathery plumes; impressive flower structure in Summer; followed by date like fruit up to 6 ft long; very messy when the fruit falls to the ground
<i>Trachycarpus fortunei</i> Windmill Palm	4'	Private Zone Only Medium	Medium 10-25 6-10			Well prepared soil, water regularly. inconspicuous, fragrant flowers in Summer; moderately susceptible to lethal yellowing; good palm for shaded landscapes; tolerates occasional sun; watch for scale
<i>Washingtonia robusta</i> Mexican Fan Palm	10-12'	Private Zone Only Low	Medium 50-60 40			Mature height too tall for most residential scale ; plant has sharp spines
<i>Zamia floridana</i> Coontie, Florida Arrowroot, Florida Zamia 		Private Zone Only Low	Slow 1-5 3-5			Florida's only native cycad; seeds and caudex poisonous; sole larval food plant for atala butterfly; pest sensitive; temperatures in low 20s turn foliage brown
<i>Zamia furfuracea</i> Cardboard Plant		Private Zone Only Low	Slow 2-5 5-8			Florida's only native cycad; seeds and caudex poisonous; sole larval food plant for atala butterfly; pest sensitive; temperatures in low 20s turn foliage brown; well drained soil
TROPICALS & COLD-SENSITIVE						
<i>Agave spp.</i> Century plant, Agave		Private Zone Only Low	Slow 6' x 2-5'			Choose species adapted to climate; flowers variable; sharp spines on leaf tips; don't plant next to walkways ;
<i>Aloe spp</i> Aloe		Private Zone Only Low	Medium Varies x Varies			Choose species adapted to climate; flowers variable; occasional caterpillars; spiny leaf margins
<i>Alpinia zerumbet</i> Shell Ginger Lily	3 gallon	Private Zone Only High	Fast 6-12' x 3-5'			White with pink/brown/red flowers in Summer-Fall; will not flower if freezes back
<i>Angelonia angustifolia</i> Angelonia		Private Zone Only Medium	Fast 1-3' x 1-3'			White and/or blue flowers in Summer; can be grown as an annual bedding plant but survives Winters; well drained soil
<i>Asplenium nidus</i> Birds Nest Fern	3 gallon	Private Zone Only High	Medium 2-6' x 2-4'			Smooth – textured glossy leaves; not frost hardy
<i>Breynia disticha</i> Snow bush		Private Zone Only Medium	Medium 3-4' x 3-4'			Small colorful leaves of white, pink, red and green

Botanical Name Common Name	Minimum Size at Installation [Height x Spread]	Where Plant May Be Used Water Needs	Growth Rate Height x Spread at Maturity	Light Range		Description
<i>Bromeliaceae</i> genera, species Bromeliads, Airplants		Private Zone Only Low	Slow Varies x varies			Flowers, light, region vary; choose species for climate; don't exchange bromeliads from areas with Mexican bromeliad weevil; air circulation prevents scale / mealy bugs.
<i>Calliandra</i> spp. and cvs. Powderpuff		Private Zone Only Low	Fast 10-15' x 8-15'			Pink/white flowers in Spring-Fall
<i>Canna</i> spp. Canna Lily		Private Zone Only Medium	Fast 2-6' x 1-3'			Many cultivars; attractive foliage; flowers variable, in Summer;
<i>Crinum asiaticum</i> Crinum Lily	3 or 7 gallon	Private Zone Only Medium	Medium 3-6' x 3-6'			Many cultivars; flowers variable, all year; watch for rust, Botrytis, leaf spots (esp. in south Florida), caterpillars and other chewing insects; some are disease sensitive; poisonous. Cold sensitive
<i>Cycas revoluta</i> King Sago Palm	3 or 7 gallon	Private Zone Only Medium	Slow 10-12' x 8-10'			All parts of this plant are toxic; been around since the dinosaurs; can be grown in a container.
<i>Euphorbia milii</i> Crown of Thorns, Christplant		Private Zone Only Low	Medium 2-3' x 1-2'			Spiny semi-succulent evergreen shrub; yellow flowers surrounded by brightly colored bracts; bracts can be red pink or yellow; will come back after frost.
<i>Euphorbia pulcherrima</i> Poinsettia, Christmas Star		Private Zone Only Medium	Medium 1-2' x 1-2'			Yellow flowers; Brightly colored Bracts; many varieties grown for Christmas
<i>Fatsia japonica</i> Japanese Fatsia, Japanese Aralia, Paperplant	3 gallon	Private Zone Only Medium	Medium 5-8' x 3-10'			White flowers in winter; watch for rat and termite problems
<i>Gamolepis</i> spp. Bush Daisy		Private Zone Only Medium	Fast 2-4' x 3-4'			Yellow flowers all year; can die down after frost but will come back
<i>Hibiscus rosa-Sinensis</i> Hibiscus	3 gallon	Private Zone Only Medium	Fast 6-10' x 4-5'			Flowers variable, Spring-Fall; some hibiscus injured by freezes .Watch for pink hibiscus mealy bug. Fertilize during growing season
<i>Ixora coccinea</i> Flame of the Woods	3 gallon	Private Zone Only Medium	Medium 10-15' x 4-6'			Bright red, orange, and yellow tubular flowers; use as annual. Not frost hardy; does not come back

Botanical Name Common Name	Minimum Size at Installation [Height x Spread]	Where Plant May Be Used Water Needs	Growth Rate Height x Spread at Maturity	Light Range		Description
<i>Philodendrom selloum</i> Cut Leaf Philodendrom	3 gallon	Private Zone Only Medium	Fast 6-12' x 10-15'			Green flowers all year; temperatures in mid to upper 20s burn foliage ; tolerates occasionally wet soil. Handling plant may cause skin irritation or allergic reaction
<i>Platycterium bifurcatum</i> Staghorn Fern		Private Zone Only High	Medium			Grows naturally on rough bark of tree branches; large flat fronds antler like or round kidney shaped: like being sprayed with water
<i>Plumbago auriculata</i> Plumbago	3 gallon	Private Zone Only Medium	Fast 3-5' x 6-8'			Blue/ Leadwort white flowers all year; pest sensitive; temperatures in mid 20s kill it to the ground , but it comes back from the roots; needs pruning
<i>Plumeria rubra</i> Frangipani, Temple Tree		Private Zone Only Medium	Medium 6-20' x 4-6'			Striking fragrant flowers; flowers used for making leis necklaces; leaves drop when temp goes below 50°F
<i>Strelitzia nicolai</i> Giant Bird of Paradise, White Bird of Paradise		Private Zone Only Medium	Fast 20-30' x 15-20'			Blue/white flowers all year; scales can be a problem when air circulation is inadequate; foliage may tear in the wind; needs protection from freezes. This plant may require a high level of maintenance.
<i>Strelitzia reginae</i> Bird of Paradise		Private Zone Only Low	Slow – Medium 3-5' x 2-4'			Orange/blue striking flowers; pest sensitive; tolerates occasionally wet soil; not frost hardy