

## Guidelines for the Replacement of Code Minimum Landscaping Damaged by Hurricane Irma 2017

Any code required trees or shrubs that were displaced because of Hurricane Irma may be replaced with any tree or shrub that meets the requirements of Collier County's Land Development Code (LDC) Section 4.06.00 without the need to submit updated landscape plans. Replacement trees and shrubs shall meet the minimum planting sizes required by the LDC. The following guidelines are provided to assist in determining suitable replacement species and minimum code requirements.

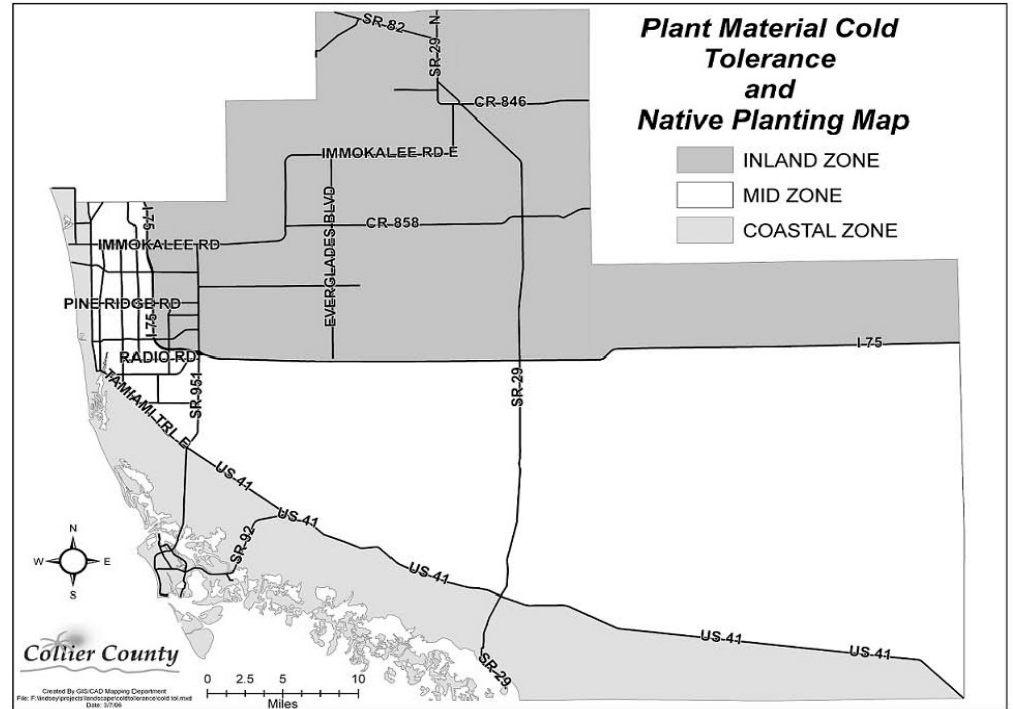
- Canopy trees must be installed with a height of 10', a 4' wide canopy spread and 1-3/4" caliper trunk
- Palms must have a minimum of 10 feet of clear trunk at planting
- No more than 30% of canopy trees may be substituted by palms (or palm equivalent) within the interior of a **vehicular use area** and within each individual Type D road **right-of-way landscape buffer**
- A grouping of three palm trees will be the equivalent of one canopy tree. Exceptions will be made for Roystonea spp. and Phoenix spp. (not including roebelenii) which shall count one palm for one canopy tree.
- Shrub size requirements:
  - 'D' buffer- Minimum 24" high
  - 'B' and 'C' buffers- Minimum 60" high

For properties located South and West of US-41 all required landscaping shall be 100% native species as determined by accepted valid scientific reference. For properties located South and West of I-75 and North and East of US-41, a minimum of 75% native trees and 50% Native shrubs are required. For properties located North and East of I-75, a minimum of 75% native trees and 35% native shrubs are required.

Please see next page for *Plant Material Cold Tolerance and Native Planting Map* and a List of Plant Species.

*If you have specific questions regarding acceptable species or minimum code requirements, please contact Mark Templeton, RLA at 239-252-2475 or at [marktempleton@colliergov.net](mailto:marktempleton@colliergov.net).*

PLANT, CANOPY TREES	Coastal Zone	Mid Zone	Inland Zone
Fiddlewood ( <i>Citharexylum fruiticosum</i> )	X	X	
Gumbo Limbo ( <i>Bursera simaruba</i> )	X		
Hackberry ( <i>Celtis laevigata</i> )	X	X	X
Jamaica Dogwood ( <i>Piscidia piscipula</i> )	X		
Laurel Oak ( <i>Quercus laurifolia</i> )	X	X	X
Live Oak ( <i>Quercus virginiana</i> )	X	X	X
Mahogany ( <i>Swietenia mahogany</i> )	X	X	
Mastic ( <i>Mastichdendron foetidissimum</i> )	X	X	
Paradise Tree ( <i>Simarouba glauca</i> )	X		
Red Maple ( <i>Acer rubrum</i> )	X	X	X
Royal Palm ( <i>Roystonea elata</i> )	X	X	
Seagrape ( <i>Coccoloba uvifera</i> )	X	X	
Slash Pine ( <i>Pinus elliottii</i> )	X	X	X
Sweetbay ( <i>Magnolia virginiana</i> )	X	X	X
Sweetgum ( <i>Liquidambar styraciflua</i> )	X	X	X
Sycamore ( <i>Platanus occidentalis</i> )	X	X	X
West Indian Laurelcherry ( <i>Prunus myrtifolia</i> )	X		
Wild Tamarind ( <i>Lysiloma latisiliquum</i> )	X	X	
Willow Busic ( <i>Dipholis salicifolia</i> )	X	X	
Wingleaf Soapberry ( <i>Sapindus saponaria</i> )	X	X	
Satin Leaf ( <i>Chrysophyllum oliviforme</i> )	X	X	X
Pigeon Plum ( <i>Coccoloba diversifolia</i> )	X		
Green Buttonwood ( <i>Conocarpus erectus</i> )	X	X	
Silver Buttonwood ( <i>Conocarpus erectus</i> 'Sericeous')	X		X



PLANTS, LARGE SHRUBS ('B' BUFFERS)	Coastal Zone	Mid Zone	Inland Zone
Bahama Strongbark ( <i>Bourreria ovata</i> )	X		
Buttonwood ( <i>Conocarpus erectus</i> )	X	X	
Catclaw ( <i>Pithecellobium unguis-cati</i> )	X	X	
Cinnamon Bark ( <i>Canella winterana</i> )	X	X	
Crabwood ( <i>Ateramnus lucidus</i> )	X		
Darling Plum ( <i>Reynosa septentrionalis</i> )	X	X	
Florida Privet ( <i>Forestiera segregata</i> )	X		
Jamaica Caper ( <i>Capparis cynophallophora</i> )	X	X	X
Maiden Bush ( <i>Savia bahamensis</i> )	X	X	
Myrsine ( <i>Myrsine floridana</i> )	X		
Red Berry Stopper ( <i>Eugenia confusa</i> )	X	X	X
Seagrape ( <i>Coccoloba uvifera</i> )	X		
Wild Lime ( <i>Zanthoxylum fagara</i> )	X	X	
Simpson Stopper ( <i>Myrcianthes fragrans</i> )	X		
Spicewood ( <i>Calyptanthes</i> spp.)	X	X	
Walters Viburnum ( <i>Viburnum obovatum</i> )	X	X	
Wax Myrtle ( <i>Myrica cerifera</i> )**	X	X	X

PLANT	Coastal Zone	Mid Zone	Inland Zone
<b>Shrubs-Large ('B' Buffers)</b>			
Bay Cedar ( <i>Suriana maritima</i> )	X	X	X
Blackbead ( <i>Pithecellobium keyense</i> )	X	X	X
Cocoplum ( <i>Chrysobalanus icaco</i> )	X	X	X
Cordia ( <i>Cordia globosa</i> )	X		
Firebush ( <i>Hamelia patens</i> )	X		
Florida Privet ( <i>Forestiera segregata</i> )	X		
Jamaica caper ( <i>Capparis cynophallophora</i> )	X		
Leather Fern ( <i>Acrostichum danaeifolium</i> )		X	
Maiden Bush ( <i>Savia bahamensis</i> )	X	X	X
Myrsine ( <i>Myrsine floridana</i> )	X	X	
Necklace Pod ( <i>Sophora tomentosa</i> var. <i>Truncata</i> )	X	X	
Saw Palmetto ( <i>Serenoa repens</i> )	X		
Sea Oxeye Daisy ( <i>Borrhicia trutescens</i> )	X	X	X
Seven Year Apple ( <i>Casasia clusiifolia</i> )	X		
Silver Saw Palmetto ( <i>Serenoa repens</i> 'Cinerea')	X	X	X
Spicewood ( <i>Calyptanthes</i> spp.)	X		
White Indigo Berry ( <i>Randia aculeate</i> )	X		
Wild Coffee ( <i>Psychotria nervosa</i> )	X	X	X