

# Wind Resistant Tree Species

## Recommended for Windermere, Florida

This wind resistant tree list was developed from research of ten hurricanes, which struck the Southeast U.S. Coastal Plain, South Florida and Puerto Rico between 1992 and 2005. In addition, a survey of arborists, scientists and urban foresters contributed information to rank wind resistance. The recommended tree species includes USDA hardiness zones 8 and 9 as recommended by IFAS <http://plants.ifas.ufl.edu/assessment.html> in the University of Florida/IFAS wind resistance study.

**American hophornbeam**, *Ostrya virginiana*  
**Baldcypress**, *Taxodium distichum*  
**Beech, blue**, *Carpinus caroliniana*  
**Chickasaw plum**, *Prunus angustifolia*  
**Common persimmon**, *Diospyros virginiana*  
**Crape myrtle**, *Lagerstroemia indica*  
**Dogwood**, *Cornus florida*  
**Fringe tree**, *Chionanthus virginicus*  
**Hickory, Florida scrub**, *Carya floridana*  
**Hickory, mockernut**, *Carya tomentosa*  
**Hickory, pignut**, *Carya glabra*  
**Holly, American**, *Ilex opaca*  
**Holly, dahoon**, *Ilex cassine*  
**Holly, yaupon**, *Ilex vomitoria*  
**Inkberry**, *Ilex glabra*  
**Magnolia, saucer**, *Magnolia x soulangiana*  
**Magnolia, southern**, *Magnolia grandiflora*  
**Magnolia, sweetbay**, *Magnolia virginiana*  
**Maple, Florida sugar**, *Acer saccharum* subsp. *floridanum*  
**Oak, live**, *Quercus virginiana*  
**Oak, post**, *Quercus stellata*  
**Oak, sand live**, *Quercus geminata*  
**Oak, Shumard**, *Quercus shumardii*  
**Oak, swamp chestnut**, *Quercus michauxii*  
**Oak, turkey**, *Quercus laevis*  
**Podocarpus**, *Podocarpus* spp.  
**Pondcypress**, *Taxodium ascendens*  
**Redbud**, *Cercis canadensis*  
**River birch**, *Betula nigra*  
**Sweetgum**, *Liquidambar styraciflua*  
**Tupelo, black**, *Nyssa sylvatica*  
**White ash**, *Fraxinus americana*  
**Winged elm**, *Ulmus alata*

We present this list with the caveat that no tree is perfectly wind-proof and that many other factors contribute to wind resistance including soil conditions, wind intensity, previous cultural practices, tree health and age. This list does not include all trees that could be wind resistant. They list those species encountered during the UF studies in large enough numbers to run statistical comparisons.

**For more information or questions about the Town of Windermere's Urban Forest, please contact the Town Forester at 407 876-2563 x 28.**