



### When to Remove

- When a large co-dominant leader has split out of the lower trunk.
- When the lower trunk is cracked or broken.
- When the major roots are severed or broken.
- When most large limbs are broken.
- When the tree is leaning towards a target.
- When the remaining tree structure is highly susceptible to breakage.
- When the tree is a nuisance tree or in poor health.

### When to Remediate

- Some major limb(s) are broken but intact lower limbs are available to cut back to.
- The canopy is only defoliated.
- When only some large limbs are broken.
- Leaning or fallen trees which are in reasonably healthy condition and have relatively SMALL (<6" diameter) trunk diameters can be reset.
- When erect, decay-resistant species have not lost more than 50% of their canopy and have some intact, lower limbs to cut back to.
- When erect trees have sustained extensive defoliation but limb breakage/loss is limited to primarily smaller diameter branches.
- When major anchoring roots have not been fractured.

#### **Remediation is likely to be successful when:**

Proper cuts are made  
The tree was healthy prior to the storm  
The species has good ability to resist (compartmentalize) decay  
The tree receives proper follow-up care

#### ~ References and Further Reading ~

- UF / IFAS Storm Damage Prevention and Treatment: <http://hort.ifas.ufl.edu/woody/stormy.shtml>
- UF / IFAS Storms and Hurricanes: <http://hort.ifas.ufl.edu/treesandhurricanes/>
- UF / IFAS Pruning Shade Trees in Landscapes: <http://hort.ifas.ufl.edu/woody/pruning.shtml>
- UF / IFAS Planting Trees in Landscapes: <http://hort.ifas.ufl.edu/woody/planting.shtml>
- UF / IFAS FLREC Palm Production and Maintenance: [http://flrec.ifas.ufl.edu/palm\\_prod/palm\\_production.shtml](http://flrec.ifas.ufl.edu/palm_prod/palm_production.shtml)
- Urban Forest Hurricane Recovery Program series:  
[http://edis.ifas.ufl.edu/topic\\_series\\_urban\\_forest\\_hurricane\\_recovery\\_program](http://edis.ifas.ufl.edu/topic_series_urban_forest_hurricane_recovery_program)
- UF / IFAS Trees and Hurricanes: Lessons Learned: [http://hort.ifas.ufl.edu/treesandhurricanes/lessons\\_learned.shtml](http://hort.ifas.ufl.edu/treesandhurricanes/lessons_learned.shtml)
- Landscape Diversity: Debra P.C. Peters and Sarah C. Goslee: <http://usda-ars.nmsu.edu/biblio/pdf/00-020.pdf>
- Urban design for a wind resistant urban forest: Ed Gilman and Traci Partin:  
<http://hort.ufl.edu/woody/documents/EP309.pdf>
- Interaction of Hurricanes and Coastal Landscape Features:  
<http://www.mvd.usace.army.mil/lcast/pdfs/08URSHurricaneReport.pdf>

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