PALM/TREE HURRICANE RECOVERY PROGRAM



HURRICANE DAMAGE

The Southeastern United States has experienced several catastrophic hurricanes, which in their wake, have left widespread damage to trees, palms, and plant material.

Numerous trees have been lost and many severely damaged; and may need help to survive and thrive.

WHY ACT NOW

Trees, palms, and shrubs are affected by hurricanes in several ways; Salt damage to roots and leaves, wind damage to trunks and branches, and loss of leaf tissue. Acting quickly will aid in their recovery, prevent further tree decline, and reduce risk of insect attack on weakened trees and palms.

Damaged trees should be inspected by a certified Arborist to determine the extent of damage. Tree and palm survival can be greatly encouraged through a combination of cultural practices, and the application of nutrients, disease and insect controls to help improve the plants' overall health and vigor while protecting them from further, and inevitable, pest and environmental stresses.

WHAT TO DO

Aside from generous watering to flush marine salts from the soil; strengthen the palm and trees' natural defenses and protect them against attack using Arborjet's 3-step PHC Program via trunk injection. Soil amendments such as growth regulators may also be advised to stimulate root activity, microbe enhancement, and water management.

3-STEP PLANT HEALTHCARE PROGRAM

Tree	Palm	Ficus/Banyan	Oak	Pine	Magnolia
Issue	Spiraling Whitefly, Scale Insects, Palm Weevil, Skeletonizer, Royal Palm Bug, Bud Rot, Fusarium Wilt	Whitefly, Scale Insects, Hypoxylon Canker	Borers, Leaf Feeding Caterpillars, Sudden Oak Death, Oak Wilt	Pine Bark Beetles*, Pine Sawfly, Pine Tip Moth, Diplodia (Pine Tip Blight), Root Rot	Magnolia Scale, Leaf Spot, Powdery Mildew, Sooty Mold
Step 1	IMA-jet® orTREE-äge® *For Skeletonizer, use TREE-äge®	IMA-jet®	TREE-äge® G4	TREE-äge® G4	IMA-jet®
Step 2	PHOSPHO-jet	PHOSPHO-jet	PHOSPHO-jet	PHOSPHO-jet	PHOSPHO-jet
Step 3	PALM-jet Mg	PALM-jet Mg	PALM-jet Mg	PALM-jet Mg	PALM-jet Mg



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BENEFITS OF EACH IN AIDING IN PLANT RECOVERY:

PALM-jet Mg (030-4130)

- Nutrient package formulated to improve overall plant health and vigor
- Trunk injection for quick uptake of nutrients
- Long residual (full season in many cases)
- Low doses with effective results

PHOSPHO-jet (040-3011)

- Plant resistance activator
- Strengthens cell walls (aids in plant recovery)
- Works as a fungicide, plant health elicitor and nutrition

3-Step Program



Treated

Untreated

*IMA-jet® (040-2003)

 Season long to multiyear control of many insect pests including; White Fly, Royal Palm Bug, Weevils (Including Palm), Mealybug, Soft Scales, Leaf Hoppers, Leaf Miners, Buprestid Borers, Longhorn Beetles and many more

*TREE-äge® **G4** (040-4120)

• Injected insecticide for two-year control of insect & mite pests including; Pine Bark Beetle, Ambrosia Beetle, Leaf Feeding Caterpillars, Gall Wasp (various), Borers (various), Conifer Mites and many others in deciduous, coniferous and palm trees

ROOT ENHANCEMENT:

NutriRoot® (030-4101) (soil applied)

- Supplies organic matter and aids in the proliferation of soil microorganisms
- Reduces water run-off from repellent, dry soil surfaces
- Can be used throughout the entire growing season
- Aids in transplant success
- Reduces watering frequency and plant loss

Shortstop® 2SC (040-1100) (basal drench)

- Assists in internal water management under high salt soil conditions
- Increases fine root mass after root loss from weather events or soil erosion
- Encourages thicker foliage more resistant to pest pressure
- Reduces pruning

Disclaimer: Actual results may vary based on plant health, soil conditions, weather conditions etc.



^{*}selection based on specific pest issue(s)