

Summer 2018  
In This Issue:

Asian Termites	1
President's Message	2
Memo Board	2
Florida Chapter Board Updates	6
How Trees Coexist	9
TCC Results	10
TCC Winners	11
TCC Thank You	12
Tree Care Workers Need Better Training	15
Selecting Fertilizer English/Spanish	18
Consultant's Corner	22
TREE Fund Liaison Report	23
Awards Application	24
Council of Representatives	25
News From International	27
Florida Chapter Cert. Exam Schedule	29
Florida Chapter Education Schedule	29
New Florida Chapter Members	30
Arborist Certification Committee Report	31

## Asian Termites are Killing South Florida's Pine Trees

David Fleshler, Sun Sentinel

*A new study from the University of Florida which looked at about 400 slash pines in Fort Lauderdale, found that these termites had killed 12 percent of residential trees and three percent of trees in city parks over the past five years, weakening them for future storms.*

The Asian subterranean termite, which has been chewing its way through the local housing stock for 20 years, has turned out to have a taste for native trees, with a particularly lethal manner of attacking slash pines, according to a new study from the University of Florida.



a. A pine tree killed by Asian subterranean termites (Thomas Chouvenec)

The study, which looked at about 400 slash pines in Fort Lauderdale, found that these termites had killed 12 percent of residential trees and three percent of trees in city parks over the past five years. Another 46 percent of the residential trees were infested, with the termites likely to cause deadly damage, according to the study, published in the journal Florida Entomologist.

The park trees fared better, with 15 percent of the living trees infested. Also at risk could be slash pines in Miami-Dade County, Palm Beach County and other parts of Broward County, where these non-native termites have established colonies.

“The clock is ticking on most of our slash pines in greater Fort Lauderdale,” said Thomas Chouvenec, assistant professor of urban entomology at the University of Florida’s Institute of

*Termites continued on page 4*

**FLORIDA CHAPTER ANNUAL AWARDS APPLICATIONS ARE DUE BY MAY 15  
DON'T DELAY!**

# A Message From the President



We have an expansive and innovative educational program in the Florida Chapter. As I have traveled around I am grateful for the number and variety of local educational events the Chapter offers each year.

One example of a new event was held late last year in Ft. Walton Beach. Rob Calley, our Commercial

Arborist representative on the board, hosted an exciting “Master’s Class”. The response and attendance was great! Traditionally we have not held that many events in that part of Florida but I think that is about to change!

Another example of another innovation is the new “Tree School Short Course” that was held earlier this year in Orlando. Many of you remember the two-day “Palm School” that Dr. Timothy Broschat and Dr. Monica Elliott put on every year; well, even though most of our seminars are one day events (except Trees Florida), our Education Committee decided to try this unusual two-day format. Developed to supply condensed beginner material to newer arborists, the “Tree School Short Course” was a tremendous success! We maxed out our attendance and had a wait list! It goes to show you that there is a need and desire to continue to learn the basics of tree biology and care. This course will be repeated again in South Florida in the coming year.

Congratulations to our Florida Chapter Tree Climbing Championship Committee and its Chairman Adam Jackson on a fantastic event. The event was held at Moss Park in Orlando during March. I was able to attend both Saturday and Sunday and was impressed with the level of professionalism, expertise and safety exhibited by the competitors and all the volunteers and judges.

Also, Friday’s Outdoor Tree School the day before the Tree Climbing Championship had its largest attendance ever. The Florida Chapter is especially proud of both of these events that have continued to grow in popularity and enthusiasm.

A special congratulations goes to Jason Gerrish for winning the men’s division and Alisha Amundsen for winning the woman’s division.

For a quick reference look at the website <http://www.floridaisa.org/events.php> and see the upcoming listing of all of our educational events.

And, don’t forget to sign up for our premier educational event each year which is Trees Florida. Trees Florida will be held June 11-13 at the Sanibel Harbour Resort in Ft. Myers. Also, if you would like to come one day early we will be having our board meeting on Sunday afternoon, June 10 at the resort if you would like to attend.

Your Chapter President,

**Scott Shultz**

President, Florida Chapter ISA

## MEMO BOARD

**Trees Florida 2018**  
Ft. Myers  
June 11-13, 2018

- ▷ Register
- ▷ Flyer

**TRAQ** FULL

~~TRAQ Renewal - Plant City~~

**TRAQ Full Course**  
Plant City - 7/11-13, 2018

- ▷ Register
- ▷ Flyer

**TRAQ Renewal**  
Ft. Lauderdale 7/18/18

- ▷ Register
- ▷ Flyer

# Trees Florida

## June 11-13, 2018



### Florida Chapter ISA 2018 Board of Directors

**Executive Committee**

**Scott Shultz, President ('18)**  
Walt Disney World  
1550 N. Bear Island Road  
Lake Buena Vista, FL 32830-1000  
Phone: 407-938-3957  
Cell: 321-229-7492  
[Scott.Shultz@disney.com](mailto:Scott.Shultz@disney.com)

**Lori Ballard, Past President ('18)**  
E Sciences  
12103 98th Ave.  
Seminole, FL 33772  
Cell: 727-403-5980  
[lballard@esciencesinc.com](mailto:lballard@esciencesinc.com)

**Adam Jackson, Vice President ('18)**  
Davey Tree Expert Company  
123 Atlantic Drive  
Suite 111, Maitland, FL 32751  
Phone: 407-331-8020  
Cell: 407-616-8618  
[adam.jackson@davey.com](mailto:adam.jackson@davey.com)

**Alison Summersill, Treasurer (18-'19)**  
Advance Tree Pros  
7242 Gardner Street  
Winter Park, FL 32792  
Phone: 407-276-2459  
[ali@advancetreepros.com](mailto:ali@advancetreepros.com)

**Directors**

**Rob Calley, Commercial Arborist Representative ('18-'20)**  
Backridge Tree Service Inc.  
11 Miracle Strip Pkwy, Ft. Walton Beach, FL 32548  
Office Phone: 850 240-2829  
Personal Phone: 850 699-2474  
[backridge17@gmail.com](mailto:backridge17@gmail.com)

**Jordan Upcavage, Consulting Arborist Rep. ('16-'18)**  
Independent Tree Service, Inc.  
PO BOX 4875  
Tampa, FL 33677  
Phone: 813-245-1566  
[Jordan.independenttree@gmail.com](mailto:Jordan.independenttree@gmail.com)

**Bonnie Marshall, Grower**  
Davey Tree Expert Co.  
Regional Business Developer - FL  
Kent, OH 44240  
Phone: 352-316-0264  
[bonnie.marshall@davey.com](mailto:bonnie.marshall@davey.com)

**Dr. Ed Gilman, Educator Representative ('16-'18)**  
University of Florida Emeritus  
12865 Mead Landing Court  
Jacksonville, FL 32232  
Phone: 352-262-9165  
[egilman@ufl.edu](mailto:egilman@ufl.edu)

**Kimberly Pearson, Municipal Arborist Representative ('17-'19)**  
City of Fort Lauderdale  
700 NW 19th Avenue  
Fort Lauderdale, FL 33311  
Phone: 954-828-5200  
[kpearson@fortlauderdale.gov](mailto:kpearson@fortlauderdale.gov)

**Ron Collins, Utility Arborist Representative ('17-'19)**  
Asplundh  
106 SW 140 Terrace, Suite 3  
Newberry, FL 32669  
Phone: 352-333-9370  
[Ron.collins@asplundh.com](mailto:Ron.collins@asplundh.com)

**Carson Smith, Climbing Rep. ('18 - '20)**  
O'Neil's Tree Service  
PO Box 492  
Ozona, FL 34660  
Phone: 727-599-7548  
[carson@oneilstreeservice.com](mailto:carson@oneilstreeservice.com)

**Julie looss, FUFC Representative ('16-'18)**  
Oviedo, FL 32765  
[jlooss9@yahoo.com](mailto:jlooss9@yahoo.com)

**Ryan Jones, Attorney Representative ('16-?)**  
Traub Lieberman Straus & Shrewsbury  
181 - 79th Street S.  
Petersburg, FL 33707  
[crj.esq@gmail.com](mailto:crj.esq@gmail.com)

**Dr. Andrew Koeser, At Large ('18)**  
University of Florida  
14625 CR 672  
Wimauma, FL 33570  
Phone: 813-633-4150  
[akoeser@ufl.edu](mailto:akoeser@ufl.edu)

**Kris Stultz, At Large ('18)**  
BrightView  
2395 Sabastian Street  
Mount Dora, FL 32757  
[Kris.stultz@brightview.com](mailto:Kris.stultz@brightview.com)

**Florida Chapter Trustee:**  
Mr. Rick Joyce

**Florida Chapter Standby Interim Director:**  
Dr. Andrew Koeser

**Administration**  
Norm Easey, Chief Executive Officer  
Jan Easey, Admin. Assist.  
Patty Morrison, Admin. Assist.

**We honor and thank the Florida Chapter ISA Past Presidents**

2017 - Lori Ballard  
2016 - Bonnie Marshall  
2015 - Celeste White  
2014 - Dr. AD Ali  
2013 - Patrick Miller  
2012 - Eric Hoyer

2011 - Don Winsett  
2010 - David Reilly  
2009 - Mike Robinson  
2008 - Mary Edwards  
2007 - Rick Joyce  
2006 - Rick Joyce

2005 - Bruce Smith  
2004 - Michael Marshall  
2003 - Perry Odom  
2002 - Perry Odom  
2001 - Loren Westenberger  
2000 - Dane Buell

1999 - Dr. Ed Gilman  
1998 - Richard Bailey  
1997 - Joe Samnik  
1996 - Joe Samnik

Florida Arborist newsletter is published quarterly by the Florida Chapter of The International Society of Arboriculture, Inc., 7853 South Leewynn Court, Sarasota, FL 34240, and is intended as an educational benefit to our members. Information may be reprinted if credit is given to the author(s) and this newsletter. Please submit all requests and articles to: Norm Easey, 7853 South Leewynn Court, Sarasota, FL 34240, Fax (941)342-0463 Email: Jan@floridaisa.org. Articles submitted will not be returned and are preferred in electronic format via disk or e-mail. The Florida Chapter reserves the right to refuse or edit submitted articles or advertising as seen fit. All pictures, articles, advertisements and other data are in no way to be construed as an endorsement of the author, products, services, or techniques. Likewise, the statements and opinions expressed herein are those of the individual authors and do not represent the view of the FL-ISA, its executive director, board of directors, its chairman, this newsletter or its editor.





RPG Trees Are Superior Performers In Your Landscapes

- Hardening-off Trees
- Improving Quality
- Research & Education

*Now More Than Ever...  
Look for the RPG Tag for Quality!*

2015-2016 Grower Members

**The Arbor Group**  
Orlando/407-235-8492

**Nature Coast Tree Corp**  
Bell/386-935-9349

**BE-MAC Farms**  
Odessa/813-920-2247

**SMR Farms**  
Bradenton/941-708-3322

**Fish Branch Tree Farm**  
Zolfo Springs/863-735-2242

**Snapper Creek Nursery**  
Ft Pierce/772-216-9993

**Marshall Tree Farm**  
Morrison/800-786-1422

**Spectrum Tree Farms**  
Live Oak/800-753-1379

**Stewart's Tree Service**  
Brooksville/352-796-3426

Associate Members

**Cherokee Manufacturing**  
General Cordage  
Graco Fertilizer Company

**Grass Roots Nurseries**  
Treemart

RPG Growers are committed to enhancing the image and quality of field-grown trees through the hardening-off process. Research continues to show that hardened-off field-grown trees are more wind resistant, use water more efficiently at planting, establish faster after planting, and when planted with container trees in a situation of limited water or irrigation will have dramatically higher survival rates.

To Subscribe to the RPG Times Newsletter or to request copies of the Tree Grading, Planting or Pruning Cue Cards contact an RPG member or visit [www.rootsplusgrowers.org](http://www.rootsplusgrowers.org)

[Termites continued from page 1](#)



b. Trunk of a live pine tree being eaten by Asian subterranean termites (Thomas Chouvenec)

Food and Agricultural Sciences, and lead author of the study. “I think we’re on the way to irreversibly lose most of these slash pines if we don’t do anything.”

In addition, these yellow-brown, half-inch long termites have attacked a wide range of other trees that constitute the region’s urban canopy, particularly live oaks. Although it doesn’t kill these trees, it hollows them out, weakening them for storms. When Hurricane Irma brushed the area last year, three live oaks hollowed-out by the termites went down, he said. Had the termites not consumed their insides, he said, they would have withstood the storm. With so many trees weakened by these termites, a direct hit would have been that much more devastating.

“These trees are being chewed up for quite a while,” he said. “And we didn’t have a major hurricane since Wilma in 2005. So it’s been 12 or 13 years of damage that’s been piling up in these trees.”



c. A winged Asian subterranean termite, which can pair up with another and found a colony (Rudolf H. Scheffrahn/University of Florida)

The slash pine, named for the slashes that workers cut across [Termites continued on page 8](#)



# Wedgle® Direct-Inject™ TREE INJECTION SYSTEM

Our advanced technology for tree treatment allows you to **INCREASE THE NUMBER OF TREES YOU TREAT IN A DAY!**

- ◆ No drilling damage
- ◆ No mixing at job sites
- ◆ No guarding or return trips
- ◆ No waiting for uptake
- ◆ Treats most trees in five minutes or less!
- ◆ Successful and most profitable add-on service



Multiple injection tips designed for all types of trees, conifers and palms



Insecticides • Fungicides  
PGRs • Antibiotics  
MicroNutrients

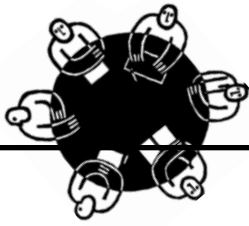


# WINFIELD™

AVAILABLE AT:

855-880-0048  
[www.winfieldpro.com](http://www.winfieldpro.com)





# Florida Chapter Board Updates

## BOARD SHORTS:

### PROPOSED FLORIDA TREE LEGISLATION HAS FAILED



The two bills limiting municipal tree ordinances that were proposed in both the Florida House (HB 521) and Senate (SB 574) have failed.

[HB 521](#)     [SB 574](#)

### FALL 2018 SCHOLARSHIP APPLICATIONS DUE

2018 Fall John P. White Scholarship Applications are due June 15, 2018. Students must be enrolled full-time, part-time or place-bound in an arboriculture or urban forestry program or related field with the intent to graduate in that field. [Click here for full details.](#)



The John P. White Scholarship is sponsored jointly by the Florida Urban Forestry Council and the Florida Chapter ISA.

### FLORIDA CHAPTER ISA WELCOMES UF STUDENT CHAPTER

Florida Chapter ISA CEO Norm Easey visited the campus of UF – Gainesville recently to welcome the new Student Chapter of Florida ISA. The group of enthusiastic arboriculture students are advised by [Dr. Michael Andreu](#) who is assisted by [Dr. David Fox](#) and [Dr. Jason Smith](#). Interested students can contact [Ryan Krammes](#) for more information.



Interested students - don't forget to submit your John White Scholarship [application](#) by June 15th for the fall 2018 semester.

## Florida Chapter Awards Program



The Florida Chapter ISA recognizes outstanding achievements in the arboriculture profession, as well as the efforts by individuals who make an impact on the practice of arboriculture.

- EDWARD W. BOK AWARD
- AWARD FOR EXCELLENCE IN EDUCATION
- AWARD OF DISTINCTION
- LOREN WESTENBERGER AWARD

Nominate someone you know! Nominations for 2018 are due by May 15th. Awards will be presented at the Trees Florida 2018 Wednesday luncheon. Award application is at [www.floridaisa.org](http://www.floridaisa.org).

**THE FLORIDA CHAPTER NEEDS YOUR ASSISTANCE**



We are looking for a member to loan the chapter a **PORTABLE SAWMILL** and operator for an upcoming seminar

Contact us at [neasey@floridaisa.org](mailto:neasey@floridaisa.org)

# THE NEXT GENERATION OF TREE I.V. HAS ARRIVED

## F SERIES TREE I.V.



### FAST

First ever 120 PSI injection system



### FLEXIBLE

1.5L or 650mL - Choose the right bottle for your tree



### EFFICIENT

Lightweight and easy turn valves allow for total control



### EASY FILL

Quickly add product without removing cap



### RELIABLE

Hex PDS Technology distributes product evenly to parallel injection lines



### PRODUCTIVE

Maximize output with 6 lines, or use 12 with the built-in expansion system



*Termites continued from page 4*

the trunks to extract sap, is among the most distinctive trees of old South Florida. Its pine rockland habitat, dry land that was perfect for real estate development, has been largely wiped out, leaving urban slash pines scattered through parks and neighborhoods.

“They’re one of the original canopy trees in the area,” said Michael Orfanedes, Broward County extension agent for commercial horticulture. “They’re just a fraction of what they were originally because of development. Their famous for harboring birds in their hollows.”

Their hard wood became a popular building material known as Dade County pine, used in many sturdy older homes that have withstood the last century of hurricanes. But this hard wood becomes a liability when hungry termites show up. Unable to eat the sappy, hard inner wood, which is actually dead tissue, the termites turn to the live tissue on the outer layers of the trunk. As they chew their way through this, they block the tubes that carry sugar. With its vascular system disabled, the tree slowly starves.

Mark Torok, senior forester with the Florida Department of Agriculture and Consumer Services, said the termites may be a serious threat but that further research is needed.

“It’s definitely something we shouldn’t ignore,” he said. “But we don’t have a full understanding yet about this pest. Are they attacking weakened trees or are they

attacking healthy trees? How aggressive are they? How much damage do they do? Does it like any tree more than others?”

Native to southeast Asia, the termite is thought to have arrived in South Florida on ships and oceangoing yachts, spreading from marinas into neighborhoods. It was detected in Miami in 1996, its first known U.S. presence, then found in 2005 in Fort Lauderdale and Riviera Beach. They establish colonies underground. They spread by means of swarms, when thousands of termites fly off on spring nights to found new colonies, with male and female termites forming pairs and burrowing into trees and houses.

Their nighttime swarms may explain why residential trees get attacked more frequently than ones in parks, Chouvenec said, since swarming termites are attracted to lights.

Although colonies can be destroyed by pest control companies, saving individual houses and trees, Chouvenec said this go-it-alone approach won’t be enough to control them in South Florida. He said area-wide management, with entire neighborhoods cooperating, may be necessary.

“Realistically, I don’t know if it’s possible” he said. “But if the problem gets to the point where a lot of structural damage occurs in infested neighborhoods and trees are being severely infested, maybe there’s going to be a collective consciousness that maybe we have to do something on a larger scale than protecting our tiny half acre.”



**Utility Forester Supervisor**

CNUC is currently seeking a Utility Forester Supervisor in the surrounding areas of Ocala and Orlando, FL. Individual must be a Certified Arborist, have a minimum of two years of experience in a management or leadership position, and a minimum of 5 years of experience in the utility line clearance industry.

To apply, please send a copy of your resume to [hr@cnutility.com](mailto:hr@cnutility.com) or submit an application on our website at [cnutility.com/careers](http://cnutility.com/careers).



**CNUC**  
**CNUTILITY.COM**

**TIPS**

- To check if your slash pine has termites, look for them by peeling back a dead outer piece of bark.
- Cutting the tree is not an effective sanitation or control method for subterranean termites on your property. It doesn’t help, because most of the colony is in the ground.
- Tenting your house won’t help because subterranean termites live underground. Tenting works for drywood termites.
- Call a pest-control company to place bait above ground at base of infested trees. ❖

## How Trees Coexist: Understanding Biodiversity

Technische Universität Dresden

One of the most fascinating topics in ecology is the exploration of interactions between plants, specifically in long-lived organisms, such as trees. In this context, it is generally assumed that tree-tree interactions are dominated by competition for resources such as light, water or nutrients.

Writing in *Nature Communications*, ecologists from TU Dresden in cooperation with the Leuphana University Lüneburg, the Martin-Luther-University Halle-Wittenberg, the Beijing Forestry University and the German Centre for integrative Biodiversity Research (iDiv, Leipzig) now report that this view is generally not wrong, but our understanding of how trees interact is still limited.

For a decade, researchers explore how tree species diversity affects the coexistence of trees and their growth performance in the largest biodiversity experiment with trees worldwide, the so-called 'BEF-China' experiment. One of the main interests of the BEF-China team is to explore the relationship between tree diversity and multiple ecosystem functions, specifically those benefitting society, such as wood production or the mitigation of soil erosion.

For this purpose, an experimental site of c. 50 hectare in subtropical China was planted with more than 400,000 trees and shrubs. Trees have achieved a height of 10 to 15 m and their crowns have formed a dense canopy by that time.

The findings now shed new light on tree-tree interactions: The local environment of a tree strongly determine its productivity, meaning that tree individuals growing in a species-rich neighborhood produce more wood than those surrounded by neighbors of the same species. "Particularly impressive is the finding that the interrelations of a tree with its immediate neighbors induce higher productivity of the entire tree community (i.e. the forest stand), and that such local neighborhood interactions explain more than 50% of the total forest stand productivity," says forest ecologist Dr. Andreas Fichtner. The importance of local neighborhood interactions in regulating forest stand productivity increases as forest stands were richer in tree species. These findings

show that the coexistence of neighboring trees and their small-scale interactions are substantial in explaining the productivity of species-rich mixed forests.

The scientists were also able to identify mechanisms explaining why species-rich neighborhoods promote tree productivity. Their findings show that competition is less prevalent in species-rich neighborhoods and that species-rich neighborhoods can even lead to facilitation by e.g. an improvement of the microclimatic conditions or by positive interactions with soil fungi.

"These findings contribute to a deeper understanding of tree interactions and the functioning of forest ecosystems, and are particularly relevant for nature conservation and forestry," says Prof. Dr. Goddert von Oheimb from the Department of Forest Sciences at the TU Dresden. For instance, afforestation programs in countries that have experienced dramatic deforestation in the past, may benefit from planting multiple native tree species at the smallest spatial scale (i.e., the local neighborhood level) instead of planting monocultures or mixing mono-specific patches at larger spatial scales. Furthermore, the study emphasizes the importance of long-term measures preserving global biodiversity. This in turn will benefit the multifunctionality of forest ecosystems and their associated ecosystem services benefitting the society. "This shows that biodiversity conservation is not exclusively an ecological or ethical issue, but rather a necessity ensuring socio-economic welfare," says Dr. Andreas Fichtner. ❖

### JOHN P. WHITE MEMORIAL SCHOLARSHIP



Supporting education  
in the arboriculture/ur-  
ban forestry industry.

Applications for the Fall 2018  
semester are due by June 15, 2018

Sponsored by:

Florida Chapter International Society of Arboriculture  
and Florida Urban Forestry Council

[Get More Info ►](#)

# TREE CLIMBING CHAMPIONSHIP (TCC) WINNERS... The Results!

Those hurricanes might have delayed us once again but they didn't keep us down! Spirits were high at the re-scheduled Florida TCC event held before March. Tree Climbing Championship Chair Adam Jackson's plan is to continue scheduling the Florida TCC event during the early spring months from now on, side-stepping the hurricane season completely. Watch for our next Florida event to be in February or March 2019.

## Congratulations to Alisha Amundson (Tree Girl Designs, Oviedo) and Jason Gerrish (Tree Huggers, Miami) for their wins at the spring 2018 Florida TCC in Orlando, FL.

Alisha and Jason are familiar names to our Florida Chapter membership, as they have both represented the Florida Chapter at International TCC events over the past several years. Alisha and Jason will represent the Florida Chapter at the International TCC this summer in Columbus, OH. Good luck to you both at the International event!

The 2018 Florida TCC event in Orlando was held at Moss Park. The five preliminary events were held on Saturday, March 10; the Master's Challenge was held on Sunday, March 11. There were 40 competitors who travelled from near and far to participate. The Florida TCC Chair, Adam Jackson (Davey Tree) and his energetic crew of prep volunteers, judges and timekeepers devoted much time and effort to organize and run the event.

Every year the climbers vote to award one climber with the Sportsmanship Award in honor of past climbers who are no longer with us. This year the climbers selected Tim Walters to receive this special award. The Bruce Smith Pay-It-Forward Award was presented to Ed Delehanty. Bruce was always looking for opportunities to "pay it forward" to fellow climbers. His passion for the industry, particularly in spreading the word about climber safety, is represented in this significant award.

Once again, congratulations to Alisha Amundson and Jason Gerrish for winning the 2018 Florida TCC and thank you to all the climbers who travelled and participated in the Florida TCC.



*Aerial Rescue*



*2018 Prize Package*



*Work Climb Target*



*Gear Check*



*Work Climb Positioning*



# Florida Chapter TCC Congratulations!



The Florida Chapter would like to congratulate the following Master’s Challenge climbers for participating and giving it your “all” for the chance to represent the Florida Chapter at the International TCC in Washington DC – in alphabetical order:

## MASTER’S CHALLENGE

- 1 Alisha Amundson (female winner)
- 1 Jason Gerrish (men)
- 2 Dominic Pallotti (men)
- 3 Paul Lloyd-Jones (men)
- 4 Forrest McCullough (men)

## PRELIMINARY WINNERS

Congratulations to the following top 3 winners in each event:

### Aerial Rescue:

- 1st Doug LaFortune
- 2nd Carson Smith
- 3rd Colin Kelly

### Throwline:

- 1st Paul Lloyd-Jones
- 2nd Bennet Brooks
- 3rd Christopher Coates

### Belayed Speed Climb:

- 1st Trevor Hill
- 2nd Shawn Welch
- 3rd Charles Porthouse

### Work Climb:

- 1st Dominic Pallotti
- 2nd Tim Walters
- 3rd Christopher Coates

### Secured Footlock:

- 1st Christopher Coates
- 2nd Trevor Hill
- 3rd Shawn Welch

See you next Spring! Watch for announcements for the Spring 2019 Florida Chapter TCC. The event will be held in Central Florida during February or March 2019.



Master’s Challenge 2018: J. Gerrish, D. Pallotti, C. Coates, P. Lloyd-Jones, F. McCullough, A. Amundson (seated)”

# A Big TCC Thank you!

## Sponsors

The Florida Chapter TCC relies on the support of our sponsors and we want to give a special thanks to those who contributed to our event. Some companies contribute monetary funding, some provide food and others provide prizes – our event wouldn't be what it is without your support. **THANK YOU!**

- Advance Tree Pros, Orlando, FL
- Altec, Riviera Beach, FL
- Armstrong Tree Service, Tallahassee, FL
- Davey Tree Experts, Kent, OH
- Murray's Tree Service, St. Petersburg, FL
- O'Neil's Tree Service, Ozona, FL
- Sherrill, Inc., Greensboro, NC
- Zimmerman Tree Service, Lake Worth, FL

The winner's prize package items are organized by ArborMaster and provided by

- ArborMaster
- Buckingham
- Husqvarna
- Oregon
- Samson
- Silky
- Vermeer

## Exhibitors

This year we had a variety of exhibitors sharing their wares and information. Thank you for participating.

- A Budget Tree Service, Winter Springs, FL
- Bandit Industries, Remus, MI
- Husqvarna, Charlotte, NC
- Rainbow Tree Care Scientific Advancements, Minnetonka, MN
- Tobroco-Giant, USA, Des Moines, IA

## Volunteers

Volunteers are the unsung heroes of the Florida TCC. We extend a warm thank you to everyone who helped. There were people who prepped the sites, people who judged the events, those who kept time, those who provided equipment, and those who helped with the Arbor Fair including the Kid's Activity Tent. Some people just pitched in when they saw the need for assistance.

Registered volunteers included:

- |                                      |                    |
|--------------------------------------|--------------------|
| • Adam Jackson – Chair               | • Andrew Jackson   |
| • Brian Gould – Head Judge           | • Danae Jackson    |
| • Bonnie Marshall – Arbor Fair Chair | • Bob Lubbers      |
| • Bill Armstrong                     | • Charlie Marcus   |
| • Amiri Barnum                       | • Carolyn Nelson   |
| • Wyatt Brauer                       | • Apollo O'Neil    |
| • Gareth Coggin                      | • Tahney Rockymore |
| • Alicia Calley                      | • Kris Stultz      |
| • Wade Collum                        | • Kerdi Varm       |
| • Amber Delehanty                    | • Paul Warrenner   |
| • Edward Delehanty                   | • Ben Wasielewski  |
| • John Freeman                       | • Johnny Woody     |
| • Steven Goodell                     | • Anthony          |
| • David Graham                       | • Dale             |
| • Mickey Gross                       | • Jay              |
| • Larry Hammock                      | • Todd             |
| • Avita Hubbard                      |                    |
| • Jonathan Hull                      |                    |
| • Julie looss                        |                    |

Our apologies if we have missed listing any of our valued volunteers – we appreciate the help of everyone!



## ISA Tree Risk Assessment Qualification

### FULL 3-DAY COURSE

WEDNESDAY, JULY 11, 2018  
thru FRIDAY, JULY 13, 2018

**UF-IFAS Plant City Research & Education Center**  
1200 N Park Road - Plant City, FL 33563

**CEUs: Certified Arborist, Municipal Specialist or Tree Worker Specialist: 14.5**  
**BCMA: Pract-6 / Mng-6 / Sci-2.5**

[Register Here](#)

[View the Flyer](#)



# More TCC 2017



Kid's Climb



*Davey Volunteers*





# SAVE THE DATE! TREES FLORIDA 2018



**Late registration fees ( \$25 per day )  
begin on June 3rd.  
Register now!**

**FORT MYERS, FL**

**JUNE 11-13, 2018**

*Leoma  
Lovegrove*

*Home is Where the Trees Are*

## Tree Care Workers Need Better Training to Handle Dangers on the Job

Rutgers University

*A Rutgers study calls attention to post-storm hazards posed to tree care workers and provides safety recommendations.*

According to findings published in the American Journal of Industrial Medicine, workers employed by tree care experts and licensed arborists were more likely to receive health and safety training and to use personal protective equipment than those employed by companies that are not part of the professional arboriculture network. The research also shows that Spanish-speaking day laborers often had little training or use of personal protective equipment.

Tree care workers have one of the most dangerous jobs in America, regularly encountering heights, slippery conditions, falling limbs, sharp equipment and electrical wires. The incidence of injuries increases after storms when unqualified “storm-chasers” with chainsaws and landscaping companies offer their services to uninformed homeowners. Some municipalities also struggle to handle tree damage with inadequately trained labor and old equipment. Annually, tree care injuries account for about 80 worker deaths and at least 23,000 chainsaw injuries treated in emergency departments. Many of those injuries result from inadequate training and equipment.

“There is a popular misconception that tree removal is low-skill work, but nothing could be further from the truth,” said Michele Ochsner, formerly with Rutgers School of Management and Labor Relations. “Handling storm-downed trees without injury to people or property involves an array of technical skills and knowledge of how different species of trees respond in different seasons and weather conditions.”

Since Hurricane Sandy in 2012, Ochsner, along with Elizabeth Marshall, an environmental and occupational epidemiologist at Rutgers School of Public Health, and Daniel Lefkowitz at the New Jersey Department of Health, have been analyzing surveillance data after storms to assess injury risks related to tree work. They also conducted interviews with private and municipal tree care experts to understand the Sandy experience and suggest ways to improve safety.



*Elizabeth Marshall, Rutgers School of Public Health, says that storms and the ensuing long hours performed by tree care workers exacerbate the significant risks posed in what is already one of the most hazardous jobs in the United States. Credit: Nick Romanenko / Rutgers University*

Storms and the ensuing long hours exacerbate the job’s significant risks. “Tree care crews handle thousands of downed trees in the wake of a hurricane or even the recent snow storm. It takes knowledge, proper

*[Tree Care continued on page 16](#)*



Morrison, Florida

Quality, Variety & Service since 1984

2" to 12" caliper specimens with over 30 varieties for our Southeastern landscapes

Customer Service is our specialty, we provide quotes, pictures and deliveries on your schedule

Visit us at [www.marshalltrees.com](http://www.marshalltrees.com)



Call for current availability

800.786.1422



*Tree Care continued from page 15*

equipment and coordination to do that safely,” Marshall said.

Although there is no current Occupational Safety and Health Administration standard for tree trimming, employers are required to comply with all general industry standards set by a network of national, regional and state associations, said Marshall. She noted that New Jersey recently passed a comprehensive licensing law to assist consumers in hiring a tree care company that upholds the state’s standards.

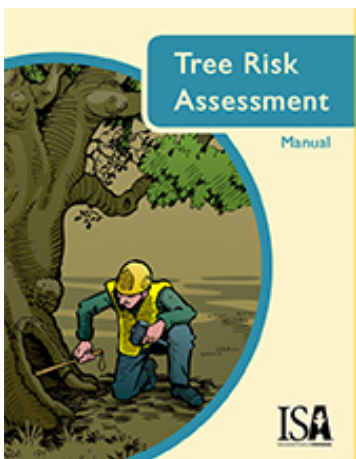
“Our interviews with tree care workers revealed a number of recommendations to plan ahead for major storms,” said Marshall. “For example, companies and municipalities should ensure equipment is well maintained, employees are properly trained in their native language and provided with personal protective equipment. Consumers should work with a licensed tree care professional to identify damaged or improperly planted trees and remove dead trees and limbs before the next big storm. Then, they will be ready when bad weather arrives and trees come down.” ❖



(434) 525-2929  
www.forestry.customtruck.com  
forestrysales@customtruck.com  
12660 E. Lynchburg Salem Tpke, Forest, VA 24551




**Florida Chapter  
Workday 2019**  
[Click here for the  
Worksite Application](#)  
**due by August 15, 2018**



## ISA Tree Risk Assessment Qualification 1-DAY RENEWAL COURSE

**WEDNESDAY, JULY 18, 2018**

**UF-IFAS Fort Lauderdale Research and Education Center  
3205 College Avenue - Davie, FL 33314**

**CEUs: Certified Arborist, Municipal Specialist or Tree Worker Specialist: 5  
BCMA: Mng-2 / Pract-2 / Sci-1**

**Register Here**

**View Flyer**



# WANE 3000<sup>®</sup> TREE SYSTEM

*...Since 1972*

County Library Parking Lots

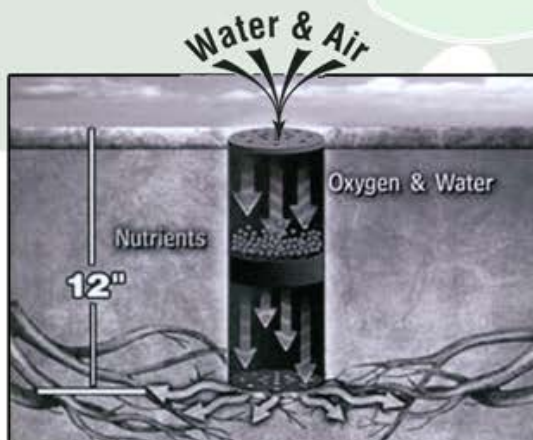
Fire House Parking Lots

City Side Walks

Major Florida Amusement Parks



**Renovated 5 Points Park in Downtown Sarasota.**  
*24 Live Oak Trees supported by 224 Wane Units*



## WANE 3000<sup>®</sup> TREE SYSTEM

[www.wane3000.com](http://www.wane3000.com)

(813) 961-1060

[info@wanetreesystems.com](mailto:info@wanetreesystems.com)

## Selecting Good Fertilizers for Palms

Henry Mayer, UF/IFAS Urban Commercial Horticulture Extension Agent

Summer is coming soon; roots and palm fronds will grow fast! Are you sure that you are applying the correct palm fertilizers? The latest fertilizer recommendation from University of Florida is 8 – 2 – 12 + 4Mg, but lately, various fertilizers with the same formulation have appeared in the market. Which one is the best? Based on the explanation of Dr. Broschat and Dr. Elliott (UF palm expert specialists and retired professors), a brief justification of why some are good or bad are provided below:

**Fertilizer Labels A and B:** These are both good fertilizers to use for palms, as they include 100% control-release sources of N, K and Mg. All of the K is present as polymer coated sulfate of potash. All of the Mg is present as magnesium sulfate in the form of kieserite. Label B is the update version.

**Fertilizer Label C:** This fertilizer is not acceptable to use for palms because not all of the K is control-release and none of the Mg is control-release. They have included “sulfate of potash-magnesia”, which is 100% water-soluble. So, when the landscape is irrigated or when we do receive our first good summer rain, the Mg will quickly leach and about half of the K will also quickly leach, creating an imbalance in availability of K to Mg and in N to K. This will lead to an increase in both K and Mg deficiencies. The other problem with this fertilizer is that it contains iron oxide and manganese oxides, which are not good sources of Fe and Mn in neutral or alkaline soils.

**Fertilizer Label D:** This fertilizer is really bad! The only control-release nutrient is the N, as polymer coated urea. The K and Mg are all 100% water-soluble sources, which are highly leachable. The other problem is the micronutrients (except boron) are sucates, which are nothing more than oxides with molasses – i.e., they are not good sources of micronutrients. This fertilizer should not be used on palms!

**Remember:** Bad fertilizers are a waste of money and could cause pollution. It is better to follow Dr. Broschat’s recommendation: If you can’t fertilizer your palms correctly, you are better off not fertilizing at all!

For a thorough explanation of palm fertilizers, see EDIS publication: Not All Landscape Palm Fertilizers are the Same: <http://edis.ifas.ufl.edu/ep516>.

**SEE LABELS ON PAGE 19**

*Palms continued on page 19*

## Selección de Buenos Fertilizantes para las Palmas

Henry Mayer, UF/IFAS Urban Commercial Horticulture Extension Agent

Pronto llegará el verano! Las raíces y las hojas de las palmas crecerán rápido! ¿está seguro de que está aplicando el fertilizante correcto? La última recomendación de fertilizantes de la Universidad de Florida es la formulación 8 – 2 – 12 + 4Mg, pero últimamente, varios fertilizantes con la misma formulación han aparecido en el mercado. ¿Cuál es el bueno? Basados en las recomendaciones del Dr. Broschat y la Dr. Elliott (especialistas de palmas de la UF y profesores jubilados) una breve explicación de por qué algunos son buenos o malos se proporciona:

**Las etiquetas A y B del fertilizante:** éstos dos son **buenos** fertilizantes a utilizar, pues incluyen 100% del N, K y Mg como de liberación lenta. Todo el K está presente como sulfato revestido del polímero de la potasa. Todo el Mg está presente como sulfato de magnesio bajo la forma de kieserita. La etiqueta B es la versión mas actualizada.

**Etiqueta C del fertilizante:** este fertilizante **no es bueno o adecuado** utilizar con las palmas porque no todo el K así como el Mg son de liberación lenta. Bajo los ingredientes, se han incluido “sulfato de Potasa-Magnesia”, el cuál es 100% soluble en agua. Por lo tanto, cuando se riega o cuando recibimos nuestra primera buena lluvia de verano, todo el Mg y la mitad del K rápidamente se pierden por lixiviación, creando un desequilibrio en la disponibilidad de K y Mg. Esto conducirá a un aumento de las deficiencias de K y Mg. El otro problema con éste fertilizante es que contiene óxidos de hierro y óxidos de manganeso, los cuales no son una buenas fuentes de Fe y Mn en suelos neutros o alcalinos como los nuestros

**Etiqueta D del fertilizante:** éste fertilizante es **realmente malo!** El único nutriente de liberación lenta es el N, como urea revestida de polímero. El K y el Mg son todas solubles en agua 100% y altamente lixiviables. El otro problema es que los micronutrientes (excepto el boro) son sucates, que no son más que óxidos con melaza – es decir, no son buenas fuentes de micronutrientes. ¡Este fertilizante no se debería utilizar con las palmas!

**Recuerde:** los fertilizantes malos son un desperdicio de dinero y podrían causar contaminación. Es mejor seguir la recomendación del Dr. Broschat: **¡Si usted no puede fertilizar sus palmas con un buen fertilizante, es mejor no fertilizarlas en absoluto!**

Para una explicación más detallada de los fertilizantes de la palma, vea publicación de EDIS: <http://EDIS.IFAS.ufl.edu/ep516>.

**No todos los fertilizantes de palmas son iguales!!**

*Palms continued on page 19*



*Palms continued from page 18*

**(A) 8-2-12**

**GUARANTEED ANALYSIS**

TOTAL NITROGEN (N)*	8.00%
0.79% Ammoniacal Nitrogen	
7.21% Urea Nitrogen	
AVAILABLE PHOSPHATE (P <sub>2</sub> O <sub>5</sub> **	2.00%
SOLUBLE POTASH (K <sub>2</sub> O)***	12.00%
MAGNESIUM (Mg) TOTAL	4.00%
4.00% Water Soluble Magnesium (Mg)	
SULFUR (S) Total	6.28%
6.28% Combined Sulfur (S)	
BORON (B)	0.15%
0.15% Water Soluble Boron	
COPPER (Cu) Total	0.05%
0.05% Water Soluble Copper (Cu)	
IRON (Fe)	0.15%
0.15% Chelated Iron (Fe)	
MANGANESE (Mn)	2.00%
2.00% Water Soluble Manganese (Mn)	
ZINC (Zn) Total	0.15%
0.15% Water Soluble Zinc (Zn)	

DERIVED FROM: Polymer Coated Urea, Polymer Coated Sulfate of Potash, Magnesium Sulfate (Kieserite), Copper Sulfate, Manganese Sulfate, Zinc Sulfate, Polymer Coated Ammonium Phosphate, Iron EDTA, Sodium Borate.

\*7.20% Slowly Available Urea Nitrogen from Polymer Coated Urea.  
 \*\*1.80% Slowly Available Phosphate from Polymer Coated Ammonium Phosphate  
 \*\*\*10.80% Slowly Available Potassium from Polymer Coated Sulfate of Potash

A. Good for Palms

**(B) 8-2-12**

**GUARANTEED ANALYSIS**

TOTAL NITROGEN (N)*	8.00%
0.79% Ammoniacal Nitrogen	
7.21% Urea Nitrogen	
AVAILABLE PHOSPHATE (P <sub>2</sub> O <sub>5</sub> **	2.00%
SOLUBLE POTASH (K <sub>2</sub> O)***	12.00%
MAGNESIUM (Mg) TOTAL	4.00%
4.00% Water Soluble Magnesium (Mg)	
SULFUR (S) Total	6.28%
6.28% Combined Sulfur (S)	
BORON (B)	0.15%
0.15% Water Soluble Boron	
COPPER (Cu) Total	0.05%
0.05% Water Soluble Copper (Cu)	
IRON (Fe)	0.15%
0.15% Chelated Iron (Fe)	
MANGANESE (Mn)	2.00%
2.00% Water Soluble Manganese (Mn)	
ZINC (Zn) Total	0.15%
0.15% Water Soluble Zinc (Zn)	

DERIVED FROM: Polymer Coated Urea, Polymer Coated Sulfate of Potash, Magnesium Sulfate (Kieserite), Copper Sulfate, Manganese Sulfate, Zinc Sulfate, Polymer Coated Ammonium Phosphate, Iron EDTA, Sodium Borate.

\*7.20% Slowly Available Urea Nitrogen from Polymer Coated Urea.  
 \*\*1.80% Slowly Available Phosphate from Polymer Coated Ammonium Phosphate  
 \*\*\*10.80% Slowly Available Potassium from Polymer Coated Sulfate of Potash

B. Good for Palms

**(C) 8-2-12**

**GUARANTEED ANALYSIS**

TOTAL NITROGEN (N)*	8.00%
8.00% Urea Nitrogen	
AVAILABLE PHOSPHATE (P <sub>2</sub> O <sub>5</sub> **	2.00%
SOLUBLE POTASH (K <sub>2</sub> O)***	12.00%
MAGNESIUM (Mg) TOTAL	4.00%
4.00% Water Soluble Magnesium (Mg)	
SULFUR (S)	11.91%
9.27% Combined Sulfur (S)	
2.64% Free Sulfur (S)	
BORON (B)	0.05%
COPPER (Cu)	0.02%
0.02% Water Soluble Copper (Cu)	
IRON (Fe)	0.23%
0.075% Chelated Iron (Fe)	
MANGANESE (Mn)	2.00%
1.90% Water Soluble Manganese (Mn)	
MOLYBDENUM (Mo)	0.02%
ZINC (Zn)	0.02%
0.02% Water Soluble Zinc (Zn)	

DERIVED FROM: Polymer Coated Sulfur Coated Urea, Polymer Coated Sulfur Coated Sulfate of Potash, Triple Superphosphate, Manganese Sulfate, Iron Oxide, Manganese Oxide, Sulfate of Potash-Magnesia, Iron EDTA/DTPA, Sodium Molybdate, Sodium Borate, Copper Sulfate, Zinc Sulfate.

\*7.20% Slowly Available Urea Nitrogen from Polymer Coated Sulfur Coated Urea.  
 \*\*3.81% Slowly Available Potassium from Polymer Coated Sulfur Coated Sulfate of Potash.

C. Not Good for Palms

**(D) 8-2-12**

**GUARANTEED ANALYSIS**

TOTAL NITROGEN (N)*	8.00%
0.80% Ammoniacal Nitrogen	
7.20% Urea Nitrogen	
AVAILABLE PHOSPHATE (P <sub>2</sub> O <sub>5</sub> **	2.00%
SOLUBLE POTASH (K <sub>2</sub> O)***	12.00%
MAGNESIUM (Mg)	4.00%
4.00% Water Soluble Magnesium (Mg)	
SULFUR (S)	9.06%
9.06% Combined Sulfur (S)	
BORON (B)	0.15%
0.15% Water Soluble Boron	
IRON (Fe)	2.00%
0.025% Water Soluble Iron (Fe)	
MANGANESE (Mn)	2.00%
0.024% Water Soluble Manganese (Mn)	
ZINC (Zn)	0.05%
0.05% Water Soluble Zinc (Zn)	

DERIVED FROM: Polymer Coated Urea, Diammonium Phosphate, Sulfate of Potash, Copper Sulfate, Iron Sulfate, Manganese Sulfate, Zinc Sulfate, Sulfate of Potash-Magnesia, Sodium Borate.

\*6.48% Slowly Available Urea Nitrogen from Polymer Coated Urea.

D. Not Good for Palms



# SAVE THE DATE: SEPTEMBER 19, 2018

We are officially announcing the 4th Annual Saluting Branches event, to be held on **Wednesday, September 19, 2018!** You can [Sign up to be notified](#) as locations and other details become available. (Note that you will still need to register for your specific location later in the year.)

## LOCATIONS FOR 2018

The Saluting Branches day of service for 2017 was held at 45 National Cemeteries across the US. We are in the process of determining locations for 2018. **Know of a good one?** [Request Location for 2018](#)



[Watch the 2017 Saluting Branches Tribute Video](#)

## SALUTING BRANCHES 2017 WAS AMAZING!

The largest one-day volunteer event in the tree industry with over **2,200 volunteers**

[www.salutingbranches.org](http://www.salutingbranches.org)

Saluting Branches, created by Rainbow Treecare in partnership with the U.S. Department of Veterans Affairs, National Cemetery Administration





IT'S PART OF OUR JOB



TREE SERVICE, LLC



Vegetation Management Specialists

800-522-4311 | www.nelsontree.com

To advertise in the Florida Arborist contact the Florida Chapter office at 941-342-0153.

Our electronic version of the Florida Arborist allows for an active link directly to your website!!

Single Issue advertising rates are as follows:

- Full Page - \$250/issue
- Half Page - \$200/issue
- Quarter Page - \$150/issue
- Business Card - \$75/issue
- Classified Ad - \$25/issue

Discounts for a commitment of 4 consecutive issues:

- Full Page - \$200/issue
- Half Page - \$150/issue
- Quarter Page - \$100/issue
- Business Card - \$50/issue
- Classified Ad - \$25/issue

Prices include one link from the ad to your website. Additional links are \$25/link per issue.

call 941-342-0153  
or email [jan@floridaisa.org](mailto:jan@floridaisa.org)

## Preserve Florida's Greatest Green Resource - Trees!

Buy a TreesAreCool plate!  
Send in your receipt and  
get a free Florida ISA  
1-day seminar -  
promotion is going on now!

Through your purchase of the TreesAreCool License Plate for your vehicle, you help benefit our Florida urban tree environments through:

- Tree research
- Scholarships
- Ongoing education of tree-care practitioners
- And provide public education programs about tree care and preservation.

*The Tree Tag...Get it Today!*



WEB: [www.floridaisa.org](http://www.floridaisa.org) P: 941-342-0153 E: [jan@floridaisa.org](mailto:jan@floridaisa.org)

The Florida Chapter of the International Society of Arboriculture (ISA) is a non-profit organization committed to serving the needs of Florida's professional arborists and tree-care consumers.



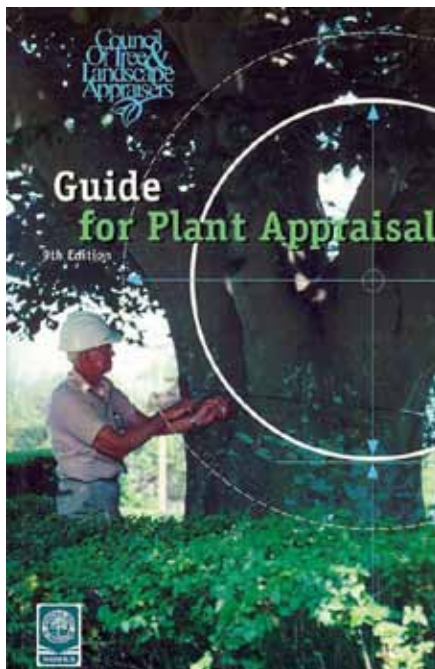
## Consultant's Corner

by Joe Samnik, Expert Tree Consultant



### IT'S THE APPROACH

When conducting a tree or plant appraisal, it becomes incumbent upon the consultant to more carefully address the approach which shall be used to determine value than the application of that approach to value.



The most often applied and easiest to understand approach to value is the, Replacement Cost approach. It is very straightforward and easily understood. In essence, it is the adage, an eye for an eye and a tooth for a tooth, manner of making the property owner whole. In this instance, a tree or plant which can be replaced easily

with regard to its size, species and condition is used as the basis of value. A 3-inch live oak tree is readily available in the marketplace. Should the 3-inch live oak tree become a casualty, it is easily replaced. To a simplistic approach, the Replacement Cost method is hard to beat. The trouble begins when the tree or plant cannot be found growing in the open marketplace as it relates to its species or size.

Appraisers are quick to proffer a Cost to Cure approach in situations where the casualty tree or plant cannot be found because of its pre-casualty size or species. The cost to cure approach seems straightforward; however, it is not without its difficulties, both legally and in application. Our, *Guide to Plant Appraisal, 9th edition*

has an approach with regard to curing the loss of a plant or tree. When applying a cost to cure methodology to your assignment be cautioned of some tripping points you will find on your appraisal journey.

When applying a cost of cure according to the Guide, losses must include landscape features such as terrain, and hardscapes. If terrain and hardscapes are not part of the assignment then one is cautioned when using a cost to cure.

Fundamentally, courts look to some issues which may conflict with your opinions regarding a cure cost. Of course, the obvious, the cost to cure the problem cannot exceed the value of that which became a casualty. That is an intuitive rule but often forgotten as is placing first a value on the casualty tree or plant before curing the problem at hand.

The cost to cure approach is not admissible if it exceeds the decrease in the market value of the real estate. Consequently, the cost of restoring the property as far as possible to its pre-casualty condition is admissible only when there is also evidence that such cost is no greater in amount than the decrease in market value of the property if it were left as it was before the casualty.

In Florida, an owner of property may testify as to its value, although that owner may not be qualified as an expert. In our field of arboriculture that means the owner of a tree farm might well testify to the value of his crop; in place, as is. Of course, the owner of the tree farm would then be subject to cross-examination.

There are several approaches to value which may be considered when appraising a tree or plant or the landscape in which they were growing. In some of these approaches an arborist is not qualified to render an opinion. The decrease in market value is one example. The new and much anticipated, *10th edition* for plant appraisals, will be published soon. The reader will quickly discover these many different approaches to value; however, the fact that an arborist is not qualified to opine on many of these areas is going to equate into an arborist becoming a member of a litigation team which includes a real estate appraiser. That subject, however, is fodder for another time, perhaps in a seminar coming soon. ❖



## From Your TREE Fund Liaison Chair - Eric H. Hoyer

### 2018 Tour des Trees and the John White Scholarship Funds

The 2018 Tour des Trees is July 29th - August 4th is hosted by the Ohio Chapter. The 530-mile, seven-day ride starts and ends in Columbus which is this year's venue for ISA's International annual conference. The Florida Chapter thus far has three participants – veterans Andy Kittsley and Scott Davis and a rookie rider – Danny Lippi. This year's tour is the 22nd ride for Andy Kittsley. Scott Davis started riding in 2011 and has ridden every year since. Danny is a first-time rider and is a grad student at the University of Florida.

Each rider must raise \$3,500 and all monies raised go toward the TREE Fund. For those of you unfamiliar with the TREE Fund (Tree Research Education Endowment), it is a fundraising organization which raises money for arboricultural research and education grants and scholarships. Last year, the TREE Fund distributed \$435,000 for new and ongoing grants. The Florida Chapter provides a \$1,000 donation per rider (if they ride all 7 days) so the remaining \$2,500 must be raised by each rider. For more information on this year's tour or to donate to Team Florida or an individual rider, visit the website at [www.treefund.org/tourdestrees](http://www.treefund.org/tourdestrees).

Of note, the John White Scholarship Endowment Fund managed by the TREE Fund now totals \$83,914, up from \$76,000 just five months ago. Eric Smith, TREE Fund Executive Director, is pushing to get this endowment to the \$100,000 level when it can then be utilized for TREE Fund scholarships, grants, and other purposes.

Florida Chapter's own John White Scholarship fund is separate and is handled by our Chapter rather than the TREE Fund. This scholarship is a joint effort of the Florida Chapter and the Florida Urban Forestry Council (FUFC). The Florida Chapter scholarship goes to a current or incoming college student or graduate student interested in studying urban forestry or arboricul-

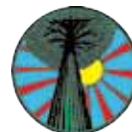
ture and provides \$1,250 per semester. Danny Lippi mentioned above was a 2016 recipient of this scholarship. Applications for the fall semester are due June 15. For more information on the Florida scholarship, go to [www.fufc.org/scholarships.php](http://www.fufc.org/scholarships.php).

Both the TREE Fund and the Florida Chapter John White funds are named in honor of John White, a passionate Florida arborist, former TREE Fund Liaison, FUFC board member, and Tour rider who died suddenly while on a training ride the evening prior to the start of the Tour. ❖



Are you looking to **E-X-P-A-N-D** your opportunities as an arborist?

Arborist / Estimator  
Signature Tree Care, LLC - Naples, FL



**Signature Tree Care, LLC**

We are a safe, progressive, well established, quality focused, TCIA-accredited team that is the leader in our market. Operating out of a 5,500 sq. ft. shop we employ the most up to date equipment and techniques the industry has to offer. From tree risk assessments to root collar excavation, PHC, crane removals to cabling, bracing & everything in between. We are looking for a professional to join us in achieving that next level. Create your own path to success; advancement is based on in-house and accreditation qualifications and certifications.

Residential, municipal, commercial year round work.

**POSITION:**

- Climbing production manager / estimator
- Vacation, health insurance and bonuses
  - Starting @ 25/hr
- Year round, four 10-hour days/week
  - Health insurance offered
- Located in beautiful Naples FL, minutes away from the beach
  - Drug free workplace - EOE

**CONTACT:**

239-348-1330 OR [info@signaturetreecare.com](mailto:info@signaturetreecare.com)



**Florida Chapter ISA**  
**Awards Application**  
*Due Date: May 15 (annually)*

Enter yourself or a colleague. Please select one award category:

- EDWARD W. BOK AWARD**
- AWARD FOR EXCELLENCE IN EDUCATION**
- AWARD OF DISTINCTION**
- THE LOREN WESTENBERGER AWARD**

<b>Applicant Information</b>	
Name of Applicant	
Street Address	
City ST ZIP Code	
Home Phone	
Cell Phone	
E-Mail Address	
<b>Submission Information</b>	
Submitted by Name	
Email Address	
Date submitted	
<b>Qualifications</b>	
Summarize applicant's qualifications for award category. Attach additional pages if needed. Limit 3.	
<b>Mail to: Florida Chapter ISA ♦ 7853 S. Leewynn Court ♦ Sarasota, FL 34240 or fax to: 941-342-0463</b>	

Download this fill-in form to your computer, open on Adobe Reader to fill it in, save completed form and then attach to an email to [jan@floridaisa.org](mailto:jan@floridaisa.org), or print and either fax or mail to Florida Chapter ISA

## Council of Representatives

Hello Florida Chapter ISA Arborists!

I wanted to take a moment to introduce myself as your ISA Council of Representative (CoR) member for the Florida Chapter.



ISA's worldwide professional membership network includes Associate Organizations, Chapters (that's us), and Professional Affiliates. This network is collectively referred to as Components. The primary function of the CoR is to provide a forum for collaboration and cooperation between ISA Component organizations.

The CoR members represent the diversity of ISA members in their specific geographic regions and/or types of professional work in the arboriculture industry. So, I represent you! I am the conduit for information exchange between the Florida Chapter, the Components, and the ISA Board of Directors. Through CoR, I have the opportunity to communicate your concerns, initiatives, policies, and questions to the Board and within the Component network.

Through the input and support of Arborists like yourself, the CoR develops proposals to the ISA Board of Directors concerning:

- ISA policies, activities and other matters of organizational interest
- ISA educational and similar programs of benefit to the membership and the Society
- Processes and activities that foster the free exchange of ideas and information among the Component organizations and the membership

Please feel free to contact me ([kpearson@fortlauderdale.gov](mailto:kpearson@fortlauderdale.gov)) with your input and support regarding information, concerns, improvements, updates, discussions, etc. I am your voice and I am here to help serve the Arborists of the Florida Chapter – Internationally!

**Kimberly Pearson**

Florida Chapter ISA Municipal Arborist Representative  
Florida Chapter ISA Council of Representative Member

## JOIN ISA!

**Compare the member benefits.  
Decide which membership suits you best:  
International, Florida Chapter or BOTH!**

### Benefits for joining International ISA:

- 'Arborist News' and 'Arboriculture & Urban Forestry' publications
- Online access to 'ISA Today' and other ISA electronic news
- Access to members-only online resources
- Discount on annual International ISA Conference and Trade Show
- Discounts on ISA merchandise
- Use of the ISA Member logo
- Access to ISA Job Bank
- ISA member directory listing
- 'True Professionals' program
- Online 'Find a Tree Care Service' tool

## International Society of Arboriculture MEMBERSHIP

### Benefits for joining the Florida Chapter:

- Quarterly Florida Arborist newsletter
- Discounts on Florida Chapter seminars
- Discount on annual Trees Florida Conference and Trade Show
- Discounts on Florida Chapter merchandise
- Florida Chapter Awards program

### JOIN BOTH International ISA and the Florida Chapter !

- Receive all benefits listed above PLUS deep discounts on certification and recertification fees



## JOIN TODAY!

visit [www.FloridaISA.org](http://www.FloridaISA.org)



# Join us!



Our mission is to advance tree care businesses while increasing safety, professionalism, and raising the profile of the industry.

## TREE ★ CARE INDUSTRY ASSOCIATION

Figures accurate as of Jan. 1, 2018

**\$195 MEMBERSHIP**  
Fee to gain access to exclusive benefits, resources and deep discounts

**142 ASTI**  
Workshops awarded by the Arborist Safety Training Institute since its inception in 2015

**2,570 CTSP**  
Certified Treecare Safety Professional graduates since 2006

**∞ RESOURCES**  
24/7 access to our ever-growing business, safety and arboriculture resources

**80 TCIA**  
Years that the Tree Care Industry Association has been working to advance tree care businesses and the industry

**15,148 EHAP**  
Electrical Hazard Awareness Program enrollees and certifications in the last 10 years

**8 ROCs**  
TCIA Regional Outreach Coordinators serve as local resources for our members

**9,256 TREE CARE ACADEMY**  
Individuals enrolled and credentialed in the last 10 years

**452 ACCREDITATION**  
Branches representing 205 companies have earned and maintained accreditation since 2004

Contact us to begin your membership today!

online **TCIA.ORG** or call **800.733.2622**

## News From International

### ISA Launches Updated Website

The International Society of Arboriculture announces the launch of an updated organization website. With a fresh modern look and improved functionality, the site presents a unified visual identity, brand, and message that is recognizable internationally. One of the primary goals of this upgrade was to create a positive online experience for everyone visiting the website. In addition to a new design, the website offers streamlined content structure providing users with readily-accessible information via improved navigation and a mobile-friendly platform.

“The ISA website is often the first point of contact for the public and our partners with our organization. It is also one of our primary tools to provide service to our members and credential holders,” says Caitlyn Pollihan, ISA Executive Ddirector. “We are excited to showcase this new website and believe we have developed a resource that will enhance the online experience for all users by providing access to information quickly and reliably.”

Understanding that many of its online users may not be members or credential holders, the organization also focused on creating a website that serves as an intuitive roadmap to available resources, services, and programs offered by ISA in addition to helping promote the benefits of trees and the importance of hiring a tree care professional.

[Click here to check out the new website](#)  
[Click here to preview the changes](#)

### ISA Conference: Columbus Ohio!

It couldn't be easier to decide to join ISA in Columbus Ohio for the 2018 International Conference - view 2018 conference educational session details on the conference app! [Click here to open the app.](#)



#### Conference dates:

August 5-8, 2018  
 Greater Columbus Convention Center  
 400 North High Street  
 Columbus, Ohio 43215-2099  
 (US)

Discounts for early registration end on Friday, June 8, 2018. [Click here to register](#) for the ISA International Conference.

### Arrive Early!

Cheer on your Chapter's climbers at the 2018 International Tree Climbing Championship!

August 3-5, 2018

Franklin Park, Columbus, Ohio

### ISA Announces Location of 2020 Annual International Conference

Rocky Mountain Chapter to Host in Albuquerque, New Mexico

The International Society of Arboriculture (ISA) is pleased to announce that Albuquerque, New Mexico has been selected as the host city for the 2020 ISA Annual International Conference & Trade Show to be held August 9-12 preceded by the International Tree Climbing Championship (ITCC) August 7-9. The ISA annual conference has not been held in the western part of the United States since Portland, Oregon in 2012, so taking the conference back to that region provides more convenient access to the event for professionals who may not have had recent opportunity to attend. “We are looking forward to working with passionate volunteers and members in New Mexico and the Rocky Mountain Chapter to host our industry's preeminent arboriculture and urban forestry education and networking event,” says Caitlyn Pollihan, ISA Executive Director.

Albuquerque is an appealing destination that will provide conference attendees and their families an opportunity to experience the authentic Southwestern United States. The Albuquerque Convention Center, with its recent renovations, offers competitive rates and plenty of nearby affordable hotel options. Roosevelt Park, the site of the ITCC, is a historic park providing a convenient location close to downtown and conference hotels.

The ISA international conference attracts nearly 2000 attendees including members and credential holders throughout North America, Europe, and the Asia-Pacific region. ISA impacts the tree care profession through research and education and administers the only internationally recognized certification for those individuals working in the arboriculture profession. The annual conference provides educational and continuing education opportunities along with networking events to connect the world of arboriculture. ❖





## OUR TEAM

JOHN HOLZAEPFEL, CA, ACF, CF  
(352)238-0917

ERIC HOYER, CA, RCA, CF  
(863)670-0734

CHARLIE MARCUS, CA  
(850)570-5963

JAY VOGEL, CA  
(352)238-0458

## LEGACY ARBORIST SERVICES

A DIVISION OF NRPS FOCUSED ON MANAGING THE URBAN FOREST

Tree Risk Assessments

Tree Appraisals

Pre-Development Tree  
Evaluations

Expert Witness Testimony

On-site Tree Preservation

Arborjet Tree Injections

Natural Areas Management  
Planning

Street / Park Tree Inventory

Canopy Analysis

Urban Forest Management  
Planning

i-Tree Analysis

Grant & Ordinance Preparation

Educational Workshops

Urban Forestry Outreach &  
Promotion

CREATING A LEGACY, GROWING YOUR FUTURE SINCE 1974

[www.NRPSforesters.com](http://www.NRPSforesters.com)



# 2018 Certification Exam Schedule

The FLORIDA CHAPTER of ISA is pleased to announce our 2018 schedule of Certification exams. See the chart below for the site nearest you.

There are currently no local exams open for registration – exams are scheduled throughout the year so make sure to [check back on the website](#) when they become available. The test schedule is subject to change as additional tests and review sessions may be added.

Can't wait? Remember that the ISA Certified Arborist exam is now conveniently available at Pearson Vue Testing Centers throughout Florida for an additional test center fee. See the [ISA International website for more information](#).

First-time applicants can apply online on the [International ISA website](#).

\*\*\*PREPAYMENT IS REQUIRED\*\*\* VISA/MC/AMEX accepted. US FUNDS ONLY

The pdf of the application form (to mail in) is part of the [Certified Arborist Information pdf](#).

The ISA International office in Champaign, IL must receive your application and exam fees AT LEAST TWELVE BUSINESS DAYS before the exam date. NO EXCEPTIONS. (The ISA International office is closed New Year's Eve, New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and the day after, and Christmas week)

To purchase an ISA Certification Study Guide, call the Florida Chapter ISA at 941-342-0153 [or order online](#)



## Florida Chapter ISA - 2018 Education Schedule

\*The schedule below is tentative and subject to changes.

Date	Seminar/Class	Location (s)	Open for Registration
June 11-13, 2018	Trees Florida 2018	Sanibel Harbour, Fort Myers	<a href="#">Register Online</a>
July 10, 2018	TRAQ Renewal in Tampa	This class is full	
July 11-13, 2018	TRAQ (3-day class) in Tampa	Plant City	<a href="#">Register Online</a>
July 18, 2018	TRAQ Renewal	Fort Lauderdale	<a href="#">Register Online</a>

# Welcome!

## New Florida Chapter Members

Here are the individuals that joined the Florida Chapter during the first quarter of 2018. If you see a name from your area of the state, look up their phone number online\* and give them a call. Introduce yourself and find out what aspect of arboriculture the new member is involved in. Let's make the Florida Chapter friendlier. We're all working in different ways for the same goals. Get to know other Chapter members. You might make some helpful connections for the future.

Janet Acevedo, Naples, FL  
 Franklin Adcock, Tallahassee, FL  
 Michele Ambler, Bonita Springs, FL  
 William Anderson, Clearwater, FL  
 Jose Barbosa, Coconut Creek, FL  
 Travis Beckwith, Tallahassee, FL  
 Dianne J Bessette-Bergemann, Deland, FL  
 Bradner Budd, Longwood, FL  
 Andrew Burnett, West Palm Beach, FL  
 Alexander Castelo, North lauderdale, FL  
 Jason Chappell, Gainesville, GA  
 Adrian R Chavez, Saint Cloud, FL  
 Carolyn Cheatham Rhodes, Clearwater, FL  
 Paul Michael Chlapowski, St. Petersburg, FL  
 Nestor Colchin, Fort Lauderdale, FL  
 Lee Curtis, Chatham, Kent, UK  
 Matthew Dean Darnell, Penney Farms, FL  
 Michael Davidson, Tallahassee, FL  
 Raul Diaz, Tallahassee, FL  
 Victor Diaz, Tallahassee, FL  
 Robert "Miller" Ellinor, Tallahassee, FL  
 Nicholas Farina, Fort Lauderdale, FL  
 Peter Fastuca, Gainesville, FL  
 Dustin Durrell Ferland, Sanford, FL  
 Daniel Ferrando, Cocoa Beach, FL  
 Joseph W. Ferris, Temple Terrace, FL  
 Bonnie Fiallo, Hollywood, FL  
 Matthew Gerron, Gibsonton, FL  
 Cathryn Glasgow, West Palm Beach, FL  
 Michael Greenhalgh, Palm Coast, FL  
 Omayra Guedes, Miami, FL

Steven Guinta, Coconut Creek, FL  
 Carl J. Hall, Knoxville, TN  
 Lisbeth Hamer, Port Richey, FL  
 Joseph Brian Hatchcock, Mims, FL  
 Jessica Havrilesko, Land O Lakes, FL  
 Michael Heacock, Delray Beach, FL  
 Diego Hernandez, Cairo, GA  
 James M. Herth, Saint Augustine, FL  
 Samuel C. Hill, Dallas, TX  
 Tyler Hoag, DeLand, FL  
 Alan David Holt, Panama City, FL  
 Ross Howsare, Pinellas Park, FL  
 Leon E Hunt, N Ft Myers, FL  
 Will Kaklis, Gainesville, FL  
 Tyler Kaulbars, Naples, FL  
 James H Keith, Panama City, FL  
 Billy G. Kelly, Fort Myers, FL  
 Jonathan Kies, West Palm Beach, FL  
 Ryan Krammes, Gainesville, FL  
 Frank Joseph Krens, Windermere, FL  
 Sergio Lopez, Southwest Ranches, FL  
 John Lyons, Palm Harbor, FL  
 Tanya Mandel, Savannah, GA  
 Charles Mayes, Palm Coast, FL  
 James Duncan McCue, Tallahassee, FL  
 James j McGeedy, Tampa, FL  
 Kathleen L. McGovern, Saint Johns, FL  
 James McIlwraith, Seminole, FL  
 John McMillin, Naples, FL  
 Juan Guillermo Mejia, Miami, FL  
 Chris Melvin, Colbert, GA

Hope Miller, Fleming Island, FL  
 Anthony Obermayer, Altamonte Springs, FL  
 David Eugene Ogg, Parkland, FL  
 Lucas Pascual, Cairo, GA  
 James Paul Payne, Saint Petersburg, FL  
 George Allen Percifield, Gainesville, FL  
 Michael J. Phillips, Boca Raton, FL  
 James Michael Pruitt, Saint Petersburg, FL  
 Rick Richards, Myakka City, FL  
 Michael Rittenhouse, West Palm Beach, FL  
 David Rodriguez, Apopka, FL  
 Matthew Rogers, Plantation, FL  
 Raimundo Rueda, Pinecrest, FL  
 Bradley William Schenk, Tarpon Springs, FL  
 Michael K. Schrage, Davie, FL  
 Stephen Hunter Scully, Gainesville, FL  
 Dennis A. Souder, Okeechobee, FL  
 Alison Lee Summersill, Debary, FL  
 Chris Thalasinis, Orlando, FL  
 Ryan Thomas, Arthurdale, WV  
 Ron Thurner, Gulf Shores, AL  
 Nicholas Tindell, Apopka, FL  
 Clifton Neal Turner, Key West, FL  
 Joseph Vibonese, North Venice, FL  
 Shawn Adam Welch, Charlotte, NC  
 Robert Young, Jr., Birmingham, AL

\*Go to <http://www.isa-arbor.com>, then go to "Members Only" and log in. Then go to ISA membership directory. If you do not know your log in for members only, contact ISA headquarters at (888) 472-8733. Once you log in, you can update your address, check your CEU's, edit or verify Certified Arborist information and search the membership list.

### Letters to the Editor

We welcome your thoughts about Florida Arborist articles, about your Florida Chapter, or about tree issues in general.

Email your letters to:  
 jan@floridaisa.org

or mail to:  
 Florida Chapter - ISA  
 7853 S. Leewynn Court  
 Sarasota, FL 34240

Please remember: Letters should be no longer than 300 words. We reserve the right to condense letters, or to edit as necessary.



An invitation to all members  
 to attend a

## Board of Directors Meeting!

Call 941-342-0153  
 for specific times and locations

### Up-coming 2018 Board Meeting - Dates & Locations

June 10, 2018 - Fort Myers - Sanibel Harbor  
 September 21, 2018 - Orange County Extension, Orlando

# Arborist Certification Committee Report

By Norm Easey, Florida Certification Liaison

There are currently no local ISA certification exams scheduled in Florida during the first half of 2018. [Click here to watch for future dates.](#) The ISA Certified Arborist exam is also available at Pearson Testing Centers throughout Florida. See the ISA International website [www.isa-arbor.com](http://www.isa-arbor.com) for more information about the various ISA arborist credentials and how to earn them.

Florida Chapter currently has 1947 Certified Arborists.

The Florida Chapter would like to congratulate the following 38 Florida or Florida Chapter individuals for earning their certifications as: Certified Arborist, Municipal Specialist and Utility Specialist :

## Certified Arborist

Juan M. Alvarado, Tallahassee, FL  
 Neal Franklin Avery, Jr., Wesley Chapel, FL  
 Jesse Breden, North Port, FL  
 Gary Bridgewater, Plantation, FL  
 Stephen Briggs, Davenport, FL  
 Nicholas Carver, Titusville, FL  
 Nestor Colchin, Fort Lauderdale, FL  
 Charles Barrett Cruce, Jupiter, FL  
 Benjamin Disney, Gainesville, FL  
 Matthew Dunn, Sarasota, FL  
 Anthony Ferrer, Davie, FL  
 Joseph W. Ferris, Temple Terrace, FL  
 Leon Fevry, ORLANDO, FL  
 Jeffrey E. Fish, Fort Lauderdale, FL  
 Todd Flack, Southwest Ranches, FL  
 Juan Gonzalez, Jr, Lehigh Acres, FL  
 Aaron Hallett, Fort Lauderdale, FL  
 Michael Heacock, Delray Beach, FL  
 Chris Charles Herbert, Miami Shores, FL  
 Lisa A. Hickey, Palmetto, FL  
 Tylor Shain Hudson, Crawfordville, FL  
 Erin K. Hurd, Gulf Breeze, FL  
 Casto Miguel Juncal, Cutler Bay, FL  
 Todd Anthony Loukides, Naples, FL

Michael J. Phillips, Boca Raton, FL  
 Dean Richards, Jr, Tallahassee, FL  
 John Roberts, Wimauma, FL  
 Raimundo Rueda, Pinecrest, FL  
 Robert D. Sackett, Orange City, FL  
 David O. Scharr, Longwood, FL  
 Michael K. Schrage, Davie, FL  
 Brian Valle, Altamonte Springs, FL  
 Kenneth Welsh, Tallahassee, FL  
 Barry Wayne Williams, Jacksonville, FL



## Municipal Specialist

Michael R. McCoy, Key Largo, FL  
 Mark Webber, Dayton, OH

## Utility Specialist

Robert Leon Hastings, Keystone Heights, FL  
 Mark Webber, Dayton, OH

Are you thinking about becoming certified?

[Visit the International ISA website](#)

To access the certification application handbook with further information.



# International Society of Arboriculture Florida Chapter

Our Mission: "To Promote and Improve the  
Scientifically Based Practice of Professional Arboriculture"



## Arborist Code of Ethics

Strive for continuous self-development by increasing their qualifications and technical proficiency by staying abreast of technological and scientific developments affecting the profession.

Not misuse or omit material facts in promoting technical information, products or services if the effect would be to mislead or misrepresent.

Hold paramount the safety and health of all people, and endeavor to protect property and the environment in the performances of professional responsibilities.

Accurately and fairly represent their capabilities, qualifications and experience and those of their employees and/or agents.

Subscribe to fair and honest business practices in dealing with clients, suppliers, employees and other professionals.

Support the improvement of professional services and products through encouraging research and development.

Observe the standards and promote adherence to the ethics embodied in this code.



Florida Arborist  
Florida Chapter ISA  
7853 South Leewynn Court  
Sarasota, FL 34240