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Work Days, North and South

by Bill Slaymaker and Perry Odom

The Florida Chapter workdays at the Girls Scout camps in Ft. Lauderdale and Tallahassee were a huge success. The weather was beautiful at both locations and the volunteers were able to accomplish a great amount of work.



In Ft. Lauderdale, 25 volunteers showed up to share their knowledge and expertise. The volunteers represented seven local companies. Dynaserve, The Brickman Group, Phil's Expert Tree Service, Asplundh Tree Experts, Zimmerman Tree Service, Ford Tree Service and Florida Power and Light all showed up in force ready to put in a solid day's work. The group removed approximately 25 trees, pruned over 100 trees and

spent a lot of time on natural area maintenance. The Girl Scout camp is a seven acre native pine flatwood site that had a serious problem with exotic Brazilian pepper invasion. The areas that the volunteers were able to focus on show tremendous improvement at the end of the day.

The group focused on trees adjacent to 20 to 25 tent and meeting building sites to reduce the deadwood and remove the more problematic trees. This left the site safer for future scout functions and activities.

All the volunteers who participated were very proud of what they were able to get done and the Girl Scout leaders were also very pleased with the work. They were truly amazed at what a small group of motivated volunteers could accomplish.

The Tallahassee event was equally successful; 26 volunteers from seven different companies participated. AAA Tree Service, Arborworks, Armstrong Tree Service, Bartlett Tree Expert, Cricket's Tree Service, Wolf Tree Inc., and the City of Tallahassee Electric Department removed 30 trees and pruned others. The work was performed at the Girl Scout Camp for All Seasons on the south shore of Lake Talquin about ten miles west of Tallahassee. The volunteers, normally competitors in the local tree care business, worked well together in all aspects of the work. The local Girl

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A Message From the President



Good Day to you all;

It is my pleasure to serve as the President of our Chapter for this year. We have lots of new and exciting things on our plate for this year. I can't say I'm ready to get started since a lot of them are already taking place by the time you get this newsletter.

Some of the projects ongoing are; making another run at the state licensure for arborists, we have three workday projects slated, awarded a scholarship from the John P. White Scholarship Fund, Trees Florida Conference at the Ritz-Carlton in Sarasota in June, and more educational programs than we've ever done before.

I recently attended the ISA Leadership Workshop in Champaign and brought several thoughts home from there. One, by just the sheer attendees, was the ISA IS, in fact, an International association. There were folks from all over the globe, Spain, Brazil, Czech Republic, all parts of the US in attendance. At a workshop like this you come to realize what a small world it really is, as all of us faced the same sort of problems. It's exciting to see the actions taking place all over with regards to our profession. We toured the new home office and met lots of the folks working there meeting our local needs. They were a highly energetic bunch and hats off to them for their interest in helping us out in the Chapters.

Another thing that really struck home for me was: "What are you doing to bring in new or younger members?" to your Chapter. I suppose, like many others, I have gotten comfortable with my life and work for nearly 30 years as a Utility Forester. I have to admit (like many my age) that the new electronic/digital age is somewhat passing me by. The folks now emerging into the job market are MUCH more tech savvy than I am. Are we, as a Chapter, doing enough to connect with that age group? Are we prepared for the speed with which changes occur, and that of which they are used

to? Websites need to be updated frequently, kept fresh, links to everything, etc. I'm not so sure we are and that is a challenge before all of us.

I have to even take that one step further and ask you as you are reading this. What are you doing to bring new people into the profession you enjoy? Do you share it with as much passion as those who may have mentored you into this work? If the answer is no, what are you waiting on? Life has a way of passing by before you know it.

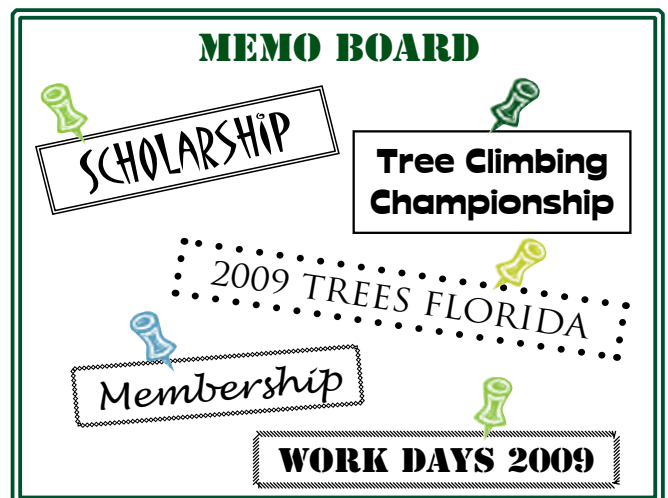
As one of the methods of moving into our digital age, the Chapter is considering going to an all-electronic newsletter. With our tight economy, would the costs to print, and mail, the newsletter be better served elsewhere? Again, with today's technical age, it is easier, faster to contact folks via e-mail than many of the older methods. Since the newsletter is usually read and then thrown out, (admit it, few of us save copies) why continue to print and mail it? They can be saved just as easily, in fact easier, in digital formats than space in the office, desk or truck dashboard. What do you think of this idea? Send the office an email or give them a call with your feedback. See [page #](#) for more information.

The Board is here to serve the members' wishes and we need your input.

Sincerely,

Mike Robinson

President, Florida Chapter ISA



In the News

Dutch elm Disease Confirmed in Northeast Texas

At least 5 cases of Dutch elm disease have been confirmed on American elms in Flower Mound, Texas, according to the Fort Worth Star-Telegram. Flower Mound had about 40 confirmed cases of Dutch elm disease in 2005, Jared Martin, environmental review analyst for the town said. Martin didn't identify any more cases until the 5 this year, but he thinks 15-20 nearby trees are infected. Possible cases in the area have also been reported in North Richland Hills, Colleyville and Southlake, according to local officials and arborists. Residents will have to wait until next year to see whether their elm trees might be infected, because the symptoms can usually only be seen in the late spring and summer. Flower Mound residents got a note warning about the confirmed cases in their utility bill, and North Richland Hills notified residents in an October newsletter.

USDA Spends \$5.8 Million to Fight Asian Citrus Psyllid

USDA committed \$5.8 million to help stop the spread of the Asian citrus psyllid in California. The pest is a vector of citrus greening, which can devastate citrus. The funds will be used for intensive surveillance for Asian citrus psyllid and citrus greening disease, also known as Huanglongbing. It also will support quarantine regulations, as well as outreach and education about the pest to California's nursery owners, the citrus industry and the public. APHIS confirmed California's 1st detection of Asian citrus psyllid in San Diego County on Sept. 2. Since the initial detection, psyllids also have been detected in Imperial County. However, all of the psyllid pest detections in Calif. have tested negative for citrus greening.

S.C. Firm to Produce PHM Pheromone

The Ag. Research Service (ARS) has granted an exclusive license to South Carolina Scientific Inc., of Columbia, S.C., to produce and market a product to control the pink hibiscus mealybug. The ARS-developed insect sex pheromone placed inside sticky traps, effectively monitors and traps mealybug males in the field by drawing them into the traps. By luring males to traps, the sex pheromone would provide a much more economical, convenient, and useful detection and monitoring tool. PHM is capable of causing hundreds of millions of dollars in crop damage annually.

In the News continued on page 4

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- Jan Easey, Admin. Assisit.
- Patty Morrison, TF Coordinator

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: FloridaISA@comcast.net. 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.

In the News, continued

In the News continued from page 3

Tax-Free IRA Gifts

If you are age 70½ or over and would like to use your retirement assets to make a gift, you may transfer up to \$100,000 directly from your IRA to a qualified charity, such as the Florida Chapter ISA. As you're thinking about your year-end contributions, please consider making an investment in trees when consulting with your financial advisor. We appreciate your support!

FNGLA Names 'Plants of the Decade'

FNGLA is commemorating the 10th anniversary of its Plants of the Year program by naming 10 'Plants of the Decade'. The plants were chosen from previous winners. The Top 10 are: *Acca sellowiana* (pineapple guava), *Arachis glabrata* (perennial peanut), *Bismarckia nobilis* (Bismarck palm), *Dryopteris erythrosora* (autumn fern), *Hamelia patens* (firebush), *Serenoa repens* (silver saw palmetto), *Torenia fournieri* 'Summer Wave' (wishbone pansy), *Ulmus alata* (winged elm), *Viburnum obovatum* (compact Walter's viburnum) and *Zamioculcas zamiifolia* (ZZ plant).

Texas Quarantines Counties to Stop Palm Disease

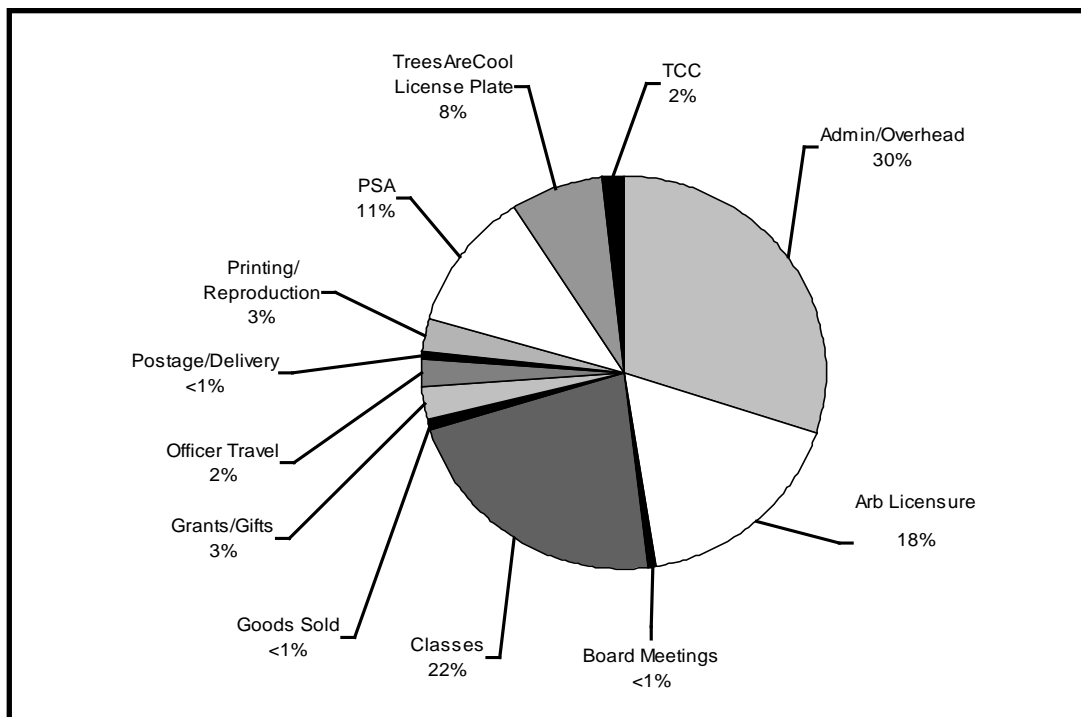
Texas Dept. of Agriculture has established a Date Palm Lethal Decline Quarantine for 5 host palms for the state of Florida and Nueces County, Texas. The emergency action extends an existing quarantine in Cameron and Hidalgo counties where the disease has already killed a number of palms, costing Texas producers thousands of dollars. The affected palms are *Phoenix canariensis* (Canary Island date palm), *Sabal palmetto* (cabbage/sabal palm), *Phoenix dactylifera* (date palm), *Syagrus romanzoffiana* (queen palm) and *Phoenix sylvestris* (silver date palm). The quarantine requires the host palms be certified by the Division of Plant Industry, and they must meet several guidelines. Palms must be under a pest management program for 6 weeks before shipping, and they must be inspected within 24 hours before shipment and have a state phytosanitary certificate.

In the News continued on page 5



2008 Florida Chapter Expenses

How the Chapter's money was spent during the 2008 Fiscal Year



In the News continued from page 4

U.K. Chain Takes Steps to Protect Bees

The Cooperative Group Ltd. is the first U.K. supermarket to ban the use of neonicotinoids. The chemicals in the group have been implicated in billions of honeybee deaths worldwide. The Co-op is prohibiting suppliers of its own-brand fresh produce from using 8 pesticides that have been connected to honeybee colony collapse disorder and are already restricted in some parts of Europe. Since 2001, the Co-op has already prohibited the use of 98 pesticides under its pesticide policy. Laboratory tests suggest that one of the banned chemicals, imidacloprid, can impede honeybees' sophisticated communication and navigation systems. The ban is part of the Co-op's 10-point Plan, which includes money for research into the impact of pesticides on the decline of honeybees in England. It will also give bee-friendly wildflower seeds to Co-op members and customers.

Honeybees are Plant "Bodyguards"

Here's yet another reason to be concerned about the disappearance of bees due to colony collapse disorder: The bees are more than just pollinators, according to a scientific study highlighted at Science Daily. Researchers discovered that sensory hairs on caterpillars detect the presence of air vibrations—but don't distinguish if the movement is caused by honeybees or predatory wasps. As a self-defense mechanism, the caterpillar will stop moving or drop from the plant. "Our findings indicate for the first time that visiting honeybees provide plants with a totally unexpected advantage," the researchers said. "They not only transport pollen from flower to flower, but in addition also reduce plant destruction by insects."

New Scholarship Open to Horticulture Students

Trustees of the Joseph Shinoda Memorial Scholarship Foundation Inc. have announced a new scholarship award for 2009, the Shinoda Scholar of the Year. The scholarship is open to any student studying floriculture, horticulture or a related field. It will be awarded to the highest-ranking applicant, as determined by the Shinoda trustees. The winner will receive \$5,000, a plaque and letter of recognition. It'll be presented at the OFA Short Course in July. Applications will be accepted through March 30 and are available on the Shinoda Foundation Web site.

Tree Death Rates Doubled in West

A study by the U.S. Geological Survey points to regional warming as the cause of tree deaths in old-growth forests of the Western U.S. Tree death rates have increased across a wide variety of forest types, at all elevations, in trees of all sizes, and in pines, firs, hemlocks and other kinds of trees. Increasing tree mortality rates mean that western forests could become net sources of carbon dioxide to the atmosphere, said USGS researcher Phil van Mantgem. The group's long-term monitoring shows tree mortality has been climbing, while the establishment of replacement trees has not. The average temperature in the West rose by more than 1°F during the last few decades, which has reduced winter snowpack, caused earlier snowmelt and lengthened the summer drought, he said. ■



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by James LeGette , ISA Certified Arborist

It was during the winter of 1990 that I attended an ISA sponsored seminar at Fairchild Gardens in Miami - a wise choice of time and place for anything. The Gardens are an ideal location for such a gathering. Don Blair was the featured speaker and as always he wasn't short on words. In closing, Don ended his speech by saying very stoutly, "As arborists, we can stand toe to toe with anyone, and say that we are part of the solution, not part of the problem".

Some eighteen years later, I can still remember feeling inspired, and realizing a new sense of duty. Well, how right Don was then, and even more so now.

As I think about my job and how it relates to all that is happening around the world today, I am convinced that as arborists, our responsibilities for the environment are enormous. We must realize the potential of our position. Green is the new way. Think globally, act locally. This movement needs leadership.

Individually, arborists have a duty to properly manage and preserve the trees in our care. Collectively, this represents a lot of trees. We are all ambassadors, acting on behalf of our trees. We are the trees' first and last lines of defense. We must hold this thought close.

Together, we have the potential to influence a great number of people. Arborists are experts in the care of trees. Use this platform to educate your customers and others on the vital importance of all trees.

In your daily practice, make every tree count. Advocate tree preservation and the planting of new trees. Promote proper and intelligent tree care. Offer creative or alternative ideas to resolve conflicts. Advise people on how to protect trees and recommend the rehabilitation of damaged trees. Take part in Arbor Day and volunteer your services. Respect local ordinances and encourage others to do the same. Participate in Municipal hearings and offer suggestions. Talk up trees and try to instill in people an overall sense that trees matter.

Incorporate these principals as part of your business plan. Speak from your mind but through your heart. Show enthusiasm, and remind people that trees are our life support system. And remember, we are more than just tree trimmers. We are God's caretakers of the earth. ■

James LeGette is an ISA certified arborist and has been a member of the Florida Chapter ISA since 2001.



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:
floridaisa@comcast.net**

**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.**

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Work Days continued from page 1



The Broward County Team

Scout council was gracious and very thankful for what we did for them and provided breakfast and lunch for everyone. All in all a good time was had by everyone.

The last Girl Scout workday event is scheduled for April 11 in Orlando. If you are interested in getting involved please contact Bill Slaymaker at Bill_R_Slaymaker@FPL.com.

The Florida Chapter is looking forward to making the workday an annual event. The goal is to have 3 regional workdays each year in early February. The workday committee and the Chapter Board will be accepting applicants from non profits that would like to host a workday. The Board will be selecting regional recipients for next year's workday during the late summer/early fall of 2009.

Workday recipient applications are available at www.floridaisa.org. ■



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Urban Forest Strike Teams Assist Municipalities After Natural Disasters

By Eric Kuehler, Technology Transfer Specialist
USDA Forest Service, Urban Forestry South

After natural disasters, such as hurricanes and ice storms, municipalities struggle to restore normalcy to its residents. Tons of debris must be removed from roadways and people's yards and thousands of street trees must be assessed for hazards. Many times, communities lack the expertise of a professional arborist to properly assess public trees for hazards, or if a city has a professional on staff, usually the job is overwhelming and takes many months or years to complete. It is during these times that a municipality may wish they had a staff of ten to 20 professional arborists to properly estimate the amount of vegetative debris that will need to be removed and stored and to properly determine which public trees are salvageable or should be removed to reduce hazards to the public right-of-way. Urban Forest Strike Teams (UFST) use state agency certified arborists from the Southeastern states to help municipalities respond and/or recover from natural disasters by providing post-disaster tree assessments and debris estimation.

Following Hurricane Katrina, volunteer arborists from around the world were assembled by many partners including the U.S. Forest Service to help communities in South Mississippi and Louisiana retain as much of their urban forest as was safely possible. The Urban and Community Forestry state coordinators from Virginia and North Carolina, wanting to adopt this concept, approached the U.S. Forest Service to help them train certified arborists employed by their states in post-storm tree risk assessment and debris estimation in order to prepare for future natural disasters both within state

and regionally. These UFSTs are trained to provide an estimate of vegetative debris immediately following a storm, risk assessment of the remaining public trees following the initial clean-up, and locating and evaluating potential planting sites to restore the urban forest.

Since the summer of 2007, approximately 40 state-employed certified arborists have completed the training from around the Southeast. UFSTs were deployed to Oklahoma following the December 2007 ice storms, and Baton Rouge, Louisiana following Hurricane Gustav where they helped communities successfully negotiate FEMA reimbursements for debris clean-up and hazard tree mitigation. Because of the extent of the damage in Baton Rouge, the city forester estimated that it would have taken him and his crew nine months to do what the UFST did in two weeks. The UFST advisory committee is currently working with the Southern Group of State Foresters and FEMA to include this resource in the Incident Command System for increased efficiency. For more information about the Urban Forest Strike Team, visit <http://www.ufst.org>. ■





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2009 Florida Chapter Tree Climbing Championship Invitation

I would like to take this time to invite the Florida Chapter’s professional climbers to compete in the Florida Chapter ISA’s 2009 Tree Climbing Championships.

This year’s event will be held on Friday, June 12th & Saturday, June 13th at Phillippi Estate Park in Sarasota, Florida. The winner of this year’s competition will be representing the Florida Chapter at the International Tree Climbing Championships, July 26 & 27 in Providence, Rhode Island.

WHERE: Sarasota, Florida during the Trees Florida 2009 Conference and TradeShow

SITE: **Phillippi Estate Park.** Phillippi Estate Park is located at 5500 S. Tamiami Trail, Sarasota, FL (US Hwy 41), 5-6 miles south of downtown Sarasota and the site of the 2009 Trees Florida conference.

WHEN: **Friday, June 12, 2008 and Saturday, June 13, 2009.** We will be holding a 2 day event with the 5 preliminary being held Friday afternoon and Saturday morning. The Masters Challenge will be held on Saturday afternoon.

FEE: **\$75.00** per contestant

DEADLINE: **May 15, 2009** - No Exceptions

FORM: **see next page,** or find at **www.floridaisa.org**

MAIL FORM & PAYMENT TO: Kris Stultz
5113 NW 65th Avenue
Ft. Lauderdale, FL 33319
(checks payable to Florida Chapter - ISA)

Due to a large interest in this year’s competition, thanks in many ways to the outstanding work performed by the Official Unofficial Tree Climbing Team, I am requesting that anyone who will be competing should send their sign up forms early, to the chapter or myself to ensure their spot on this year’s roster. This is an open invitation to all climbers working in the Florida Chapter, both men and women who are members in good standing on or before this event. We would like to name and send a men’s and women’s champion on to the International TCC this year. In the past our chapter has allowed many participants to sign up and compete up to the start of the event, this year we can only allow 25 competitors and space may be limited. Spots will be given on a first come first serve basis.

THE TENTATIVE AGENDA IS AS FOLLOWS:

- Friday PM 12 Noon Begin: Sign in, gear inspection
Judges’ introduction and event reviews
Assignment of climbing group & starting events
- Saturday AM 6 AM Light breakfast
7 AM Competition begins
The winner of each of the events will be awarded during the afternoon break and the Master Challenge competitors named. The climbers moving forward into the Masters Challenge will then be given the time to review the event along with the judging team and then prepare to compete.
- Saturday PM Masters Challenge & Awards
This year’s Master Challenge champion will be announced on site Saturday afternoon following the Master Challenge. There will be a TCC cookout onsite directly after.

There are scheduled family events for conference attendees and FCTCC participants during the day on Saturday, along with live demonstrations from selected equipment venders.

If there are any questions about this year’s championships, or if you would like to help in anyway with site set-up or sponsorship, along with making this event an outstanding time for all, please contact me.

Kris Stultz, 2009 FCTCC Chairman
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E-mail: kris.stultz@BrickmanGroup.com or StultzISABCMA@bellsouth.net

2009 TREE CLIMBING CHAMPIONSHIP ENTRY FORM

Please Print CLEARLY Deadline is May 15, 2009

Contestant's Name _____ Age: _____
 Address: _____ Zip: _____
 Phone: (_____) _____ ISA Member Number (required) _____
 Employed by: _____
 Number of years you have climbed: _____

Waiver and Hold-Harmless by Contestant

In consideration of acceptance of my application for entry as a contestant in the Climbing Championship, I hereby waive any and all claims I may have at anytime, and any and all claims which might otherwise be made by, or on behalf of, or on account of me, or by me, or by any person or entity in any way as my subrogee against the property owner and the International Society of Arboriculture, its officers, directors, employees, agents, members, guests, invitees, and any person who would be lawfully entitled to indemnification from them for any liability to, or on behalf of, or on account of me, for any injuries or damages of any kind whatsoever arising on account of or in consequence of my activities or participation in the Climbing Championship, or in any other way related to the Climbing Championship. I further agree to hold the property owner and the International Society of Arboriculture, its officers, directors, employees, agents, members, guests and invitees, safe and harmless from any expense for defense, settlement, payment of damages, or other expenses related in any way to injuries sustained by me in any way related to the Climbing Championship. I recognize and assume all risks and danger involved in my participation, and will not under any circumstances rely upon the care, attention or assurance of anyone other than myself for matters relating to my safety.

Dated this _____ day of _____, 2009.

Signature of Contestant _____

Certification and Waiver by Employer of Contestant

I hereby certify that I am the employer or a duly authorized representative of the employer of the above-named individual planning to participate in the Climbing Championship, and that the employer has encouraged this participation. I further certify that I have satisfactorily confirmed that the employee will be covered by statutory protection levels of Workers Compensation Insurance or the equivalent, for any injuries sustained in the course of participation. The employer hereby waives any and all subrogation claims it may have against the property owner and the International Society of Arboriculture, its officers, directors, employees, agents, members, guests, or invitees, as a result of any compensation or their benefits or expenses incurred or paid by it, its insurance carrier, or otherwise on its behalf, in the event any claim or injury results from this participation, and will hold the property owner and the International Society of Arboriculture, its officers, directors, employees, agents, members, guests, and invitees safe and harmless from any expense for defense, settlement, payment of damages and other expenses relating in any way by this employee. I further certify that I am duly authorized to execute this Certification and Waiver on behalf of the employer and that any and all necessary resolutions have been duly passed and adopted by the employer.

The exact name and address of the employer, and state of incorporation if applicable is:

Dated this _____ day of _____, 2009.

Signature of Employer or Authorized Representative _____

Make checks payable to Florida Chapter ISA (\$75) & mail to: Kris Stultz
5113 NW 65th Avenue
Ft. Lauderdale, FL 33319

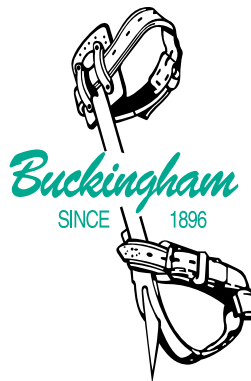
**ArborMaster Climbing Prize Package
for the
2009 Florida Chapter Tree Climbing Championship**



Prize package to include:

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- *Petzl Vertex Helmet with professional hearing protection (Husqvarna)
- *Premium rope worker storage (SherrilTree)
- *150' ArborMaster climbing line with eye splice from Samson
- *\$50 gift certificate (Buckingham)
- *Silky Gomtara 300 large teeth hand saw
- *91VX saw chain with advanced grind geometry (25') (Oregon)

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Trees Florida 2009

The background of the entire page is a photograph showing the silhouettes of several tall palm trees and a central statue of a man in a suit, standing on a pedestal. The scene is set against a bright, low sun, creating a warm, golden glow in the sky. The silhouettes are dark against the lighter sky.

June 14 - 16, 2009
at the Ritz-Carlton, Sarasota

More information at www.treesflorida.com

The best way to keep up-to-date is by attending Trees Florida 2009.
Network and build relationships to take your business and programs to the next level.



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- | | |
|---|--|
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Bell/386-935-9349 |
| Bent Oak Farm
Ocala/352-245-5429 | Nealy Farms, LLC
Dunnellon/352-465-3048 |
| Cannon Trees, Inc.
Brooksville/352-279-9709 | Quality Trees and Shrubs
Leesburg/352-257-2080 |
| Champion Tree Farm
Gainesville/352-375-6001 | SMR Farms
Bradenton/941-708-3322 |
| D.H. Keen, Inc.
Lake Wales/863-692-1009 | Skinner Nurseries
Bunnell/800-741-2020 |
| Ellenton Nursery Growers
Parrish/863-326-5639 | Southern Pride Tree Farm
Bell/386-935-3636 |
| FMT Farms
Brooksville/352-799-0056 | Spectrum Tree Farms, Inc.
Live Oak/800-753-1379 |
| Fort Drum Growers
McAlpin/386-776-2727 | Stewart's Tree Service
Brooksville/352-796-3426 |
| Huntsman Tree Supplier
Brooksville/352-754-5295
Lake City/386-963-2225 | The Magnolia Company
Barberville/800-880-4662 |
| John Deere Landscapes
Parrish/941-737-2305 | Tiger Lake Tree Farm
Lake Wales/352-516-0509 |
| Keystone Farms
Tampa/813-920-0894 | Turner Tree & Landscape
Bradenton/941-721-3597 |
| | Walsh Brokerage
Parrish/863-326-5639 |

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- | | |
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| Caretree Systems | Seaworld |
| Cherokee Manufacturing | Jack Siebenthaler |
| General Cordage | Sunrise Landscape |
| Graco Fertilizer Company | Treemart |

To Subscribe to the RPG Times Newsletter or to request copies of the Tree Grading and Tree Planting Cue Cards contact an RPG member or visit www.rootsplusgrowers.org

Scholarship News

The Florida Chapter ISA and the Florida Urban Forestry Council are proud to announce the recipient of the Spring 2009 John P. White Scholarship as Melissa Friedman of Plant City, FL. Ms. Friedman is a Forest Resources and Conservation graduate student at the University of Florida. Congratulations and best of luck to you in your endeavors, Melissa.

The scholarship application is available on the facing page, or through the link at www.floridaisa.org. The deadline for submittal for the Fall 2009 semester scholarship is June 15th. ■



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DIEHARD™ BioRush Stimulant

Contains humic acid extracts, *Trichoderma* pathogen fighting fungi, soluble sea kelp, yucca plant extracts, amino acids and natural sugars to "energize" the microbial activity in the ground and promote cell division and lateral bud development as well as delay the aging process of plant tissue. Our unique formulation of ingredients affect the permeability of cell wall membranes in roots, improve plant respiration, photosynthesis, promote cell division and lateral bud development as well as delay the aging process.



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JOHN P. WHITE MEMORIAL SCHOLARSHIP FUND APPLICATION FORM

****All applicants must use this application form. No other format will be accepted.****

Students must return all of the following items listed below to the John P. White Memorial Scholarship Committee by the **required deadline of June 15th for the fall term and November 15th for the spring term.**

Recipients will be notified of selection by July 31st for the fall term and January 1st for the spring term.

§ Completed and signed scholarship application

§ Two letters of recommendation (reference Item #2 under Requirements Section)

§ Biographical Essay (reference Item #3 under Requirements Section)

STUDENT INFORMATION:

Name: _____

Class status for the upcoming semester (junior, senior, etc.): _____

College or educational institution you attend or plan on attending: _____

Chosen major: _____ Expected date of graduation: _____

CONTACT INFORMATION:

Please indicate which of the following addresses you wish to be notified of award selections.

Campus/School Address: _____

Phone: _____ E-mail: _____

Home Address (if different than above): _____

Phone: _____ E-mail: _____

SCHOLASTIC ACHIEVEMENTS:

Use extra page if necessary. Please list only the most recent achievements, starting from the most recent.

Honor or Award: _____ **Basis for Selection:** _____

1. _____

2. _____

3. _____

Extracurricular Activities, Clubs, Volunteering, Etc.: _____ **Positions Held and Time Frame/Year:** _____

1. _____

2. _____

3. _____

Relevant Course or Work Experience: _____ **Time Frame/Year:** _____

1. _____

2. _____

3. _____

I certify that all parts of the application and required attachments are correct and true. I understand that if any part of the provided information is found to be false at any time, it may result in disqualification from or revocation of award. I also understand that if I am awarded a scholarship as a result of this application, my name will be published and announced at the discretion of the John P. White Memorial Scholarship Committee which is composed of representatives from the Florida Chapter ISA and the Florida Urban Forestry Council.

Signature _____

Date _____

Return completed application and attachments to:
 John P. White Memorial Scholarship Committee
 c/o Florida Chapter ISA
 7853 South Leewynn Court
 Sarasota, FL 34240-9634

TREE Fund Update

Robert Felix Memorial Scholarship Deadline May 1st

The Tree Research and Education Endowment Fund, the TREE Fund, is pleased to announce the availability of the Robert Felix Memorial Scholarship in 2009. This scholarship is one of several programs supported by the Robert Felix Memorial Fund, a named fund within the endowment of the TREE Fund, established and supported by TCIA and its members.



The Robert Felix Memorial Scholarship is non-repeating, but can be applied for annually. A successful scholarship candidate must be pursuing a career in arboriculture or urban forestry and meet all the criteria listed below. This scholarship will be awarded to a student

working toward a bachelor's or an associate's degree. The award, in the amount of \$3,000, will be paid one half in each semester of the 2009-2010 school year.

All of the following criteria must be met to qualify:

- Student member of Intern'l Society of Arboriculture
- Advisor referral
- 3.0 GPA (minimum)
- Entering the second year of a 2-year program -OR-
- Entering the third or fourth year of a 4-year program
- Two letters of recommendation (not from a relative)
- Letter of intent from applicant
- Completed application form

Complete the online application at www.treefund.org/scholarships.htm and return all requested letters in one packet by May 1st to:

Tree Research and Education Endowment Fund
552 S. Washington St. Suite 109
Naperville, IL 60540 ■



Tour des Trees

Preparations for the 17th Annual Tour des Trees are off to a great start with several early and generous sponsorship commitments. The TREE Fund is especially pleased to announce that its long-time event partner, STIHL Inc., has become the title sponsor of the 2009 Tour des Trees. In addition, our Partner-level sponsors so far are Asplundh, Bartlett, and Duke Energy. For the second year in a row, Davey is helping to underwrite and coordinate the educational events. Visit www.tourdestrees.org/Sponsors.htm to see the entire list of sponsors so far.

As you may already know, STIHL Tour des Trees cyclists will travel primarily through New England this year. Departing from New Jersey, the tour will offi-

cially kick-off from New York City on July 19. The tour finale is in Providence, Rhode Island at ISA's International Tree Climbing Championship on July 25. New riders and sponsors are joining daily. Rider registration is open through May 1. In addition, you can support a rider, become a sponsor, or volunteer to help the TREE Fund and STIHL spread the message of proper tree care during this 400+ mile bike ride. Let's raise public awareness that research and education are critical for healthy community forests and urban trees. Get the full story of the 2009 STIHL Tour des Trees. For more information about the TREE Fund and its grant and scholarship programs, please visit www.treefund.org. Thank you! ■

What if you lost everything you've worked for?

What if it could have been prevented?



*Upcoming Workshop:
June 17-18, 2009
In conjunction with the
Trees Florida Conference
Sarasota, Florida*

It may sound dramatic, but it's true: one accident could put the entire future of your company in jeopardy. Do you have complete confidence in your company's safety program?

The Certified Treecare Safety Professional (CTSP) program from TCIA is designed to help every tree care company achieve a strong safety culture in which all employees are motivated to participate. Key employees are enrolled in the program to become their organization's internal safety trainers. Their education includes instruction in encouraging a company-wide buy-in, teaching and coaching adults, and strategies for building a team-oriented commitment to safe work practices.

The benefits of CTSP to your company? Lower insurance premiums, fewer accidents and injuries, reduced employee turnover, decreased risk to your business, and more.

You've worked too hard to lose it all to an accident.



NEW for 2009,
one-day format available!

Call Today!
1-800-733-7622 or
visit www.tcia.org
to learn more about
CTSP and enroll in
the program.



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

Advertising rates are as follows:
 Full Page - \$200
 Half Page - \$150
 Quarter Page - \$100
 Business Card - \$50
 Classified Ad - \$25

www.floridaisa.org

SALES/ESTIMATOR POSITION

TCIA Accredited Company looking for a top producing experienced individual to build relationships by servicing existing clients and developing new customers in a high-end residential and commercial territory. Plant identification and tree pruning knowledge required. Diagnose problems, design treatment plans, provide job estimates and close sales. Must have excellent communication skills, be well organized, possess a strong work ethic and valid FL DL. ISA certification is a plus. Fax resume to (561) 966-4612.



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Florida Chapter ISA - 2009 Education Schedule

Date	Seminar/Class	Location (s)
March 25, 2009	Arborist Safety Seminar	West Palm
March 27, 2009	Arborist Safety Seminar	Miami
April 2, 2009	Up By Roots Seminar with Jim Urban	Orlando (Leu)
April 21, 2009	Health Care for Senior Trees with Dr. Gilman, et.al.	Jacksonville
April 22, 2009	Health Care for Senior Trees with Dr. Gilman, et.al.	Sarasota
April 24, 2009	Health Care for Senior Trees with Dr. Gilman, et.al.	Naples
May 14, 2009	Roots Plus Growers Workshop	Brooksville
June 14-16, 2009	Trees Florida 2009 (Ritz Carlton Hotel) Mark your calendar!	Sarasota
July 8, 2009	Arborist Safety Seminar	Orlando
July 10, 2009	Arborist Safety Seminar	Tampa

Rainbow Treecare Scientific's Solution Center covers you from A to Z

Rainbow Treecare Scientific is designed to serve arborists. Our new **Solution Center** is staffed with specialists who provide training and sales support for tree health care products. Our company was founded in arboriculture, so we can also help with your questions about adding services, profitability, and marketing to clients.

A Aphids 1 2 3 Xylect Fall application provides control next season.	F Fireblight 1 Copper hydroxide Prune below infected tissue in winter. Spray in dormant season and at full bloom.
B Bronze Birch Borer 1 2 3 Xylect and/or Bifenthrin Attacks weak, stressed trees. Mulch, irrigate, and promote health to prevent this pest.	G Gypsy Moth 1 3 Spinosad Acepthate Spray at early instar stage. Broad programs often use <i>Bacillus thuringiensis</i> .
C Chlorosis 3 VERDUR Macro-infuse in fall for multi-year green up. Combine with soil decompaction, fertilization.	H Hemlock Woolly Adelgid 1 2 3 Xylect Apply soil applications >60 days prior to fall feeding. Re-treat when suppression falters.
D Dutch Elm Disease 3 Arbotect 2015 Macro-infuse to protect for 2 to 3 seasons. Does not stop root graft infection.	I Injured Roots 2 Cambistat Prevention Air Tools Air tools decompact soil. Blend in organic matter and mulch over the top.
E Emerald Ash Borer 1 2 3 Xylect and/or Bifenthrin Annual preventive applications work best. Highly infested trees may be difficult to save.	J Japanese Beetle 1 2 3 Xylect and/or Bifenthrin Adults feed midsummer, grubs feed on roots until October.

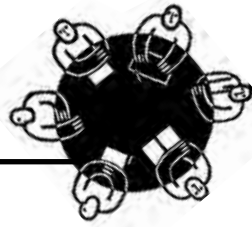
K K Deficiency 2 Fertilizer Essential element and macronutrient.	N Needlecast 1 Chlorothalonil Requires two applications; one at 1/2 candle extension and one at full extension.
L Lepidoptera 1 3 Spinosad Acepthate Foliar spray works best for early instar caterpillar stages.	O Oak Wilt 3 Alamo Protect healthy oaks within root graft distance of infected trees. Save infected white and bur oaks.
M Mites 1 3 Aracimate LUCID Micro-infusion with M3 infuser, or foliar applications combined with horticultural oil.	P Pine Wilt Nematode 3 Pinetect Treat preventively every other year prior to May 1.
Q Quercus Decline Cultural Practices Caused by a complex interaction of biotic and abiotic stresses.	R Rhizophora 1 Chlorothalonil Requires multiple years of treatment and cultural practices.
S Sycamore Anthracnose 3 Arbotect 2015 Macro-infusion suppresses symptoms for 3 seasons.	T Two-Lined Chestnut Borer 1 2 3 Xylect and/or Bifenthrin Attacks weak, stressed trees. Mulch, irrigate, and promote health to prevent this pest.
U Urban Stress 2 Cambistat ISA Arborist Everyone should call an arborist to care for their ailing urban trees.	V Verticillium Wilt No Known Cure Delay symptoms by proper pruning, watering, and fertilization. Rainbow is testing treatments.
W Weevils 1 2 3 Xylect Fall application provides control next season.	X <i>Xylella fastidiosa</i> 3 BACASTAT Annual application of Bacastat suppresses symptoms of bacterial leaf scorch.
Y Yellows No Known Cure Difficult to identify. Set low expectations with homeowner. midsummer.	Z Zimmerman Pine Moth 1 Bifenthrin Apply to trunk and main branches in spring and again midsummer.



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Florida Chapter Board Updates



Welcome New Board Members

The Florida Chapter ISA Board of Directors extends an enthusiastic welcome to new and returning board members. Florida Chapter members voted on the following four positions during the 2009 election: vice president, secretary, commercial representative and grower representative.

Vice President - Don Winsett

You will recognize Don as a returning board member for the Florida Chapter; previously he held the position as the Commercial Arborist Representative. He also chairs the Specialty License Plate Committee and spearheaded the Florida Chapter's lobbying and inception efforts for the Florida "Tress Are Cool" license plate. He works for Castle Group in Plantation, FL.

Secretary - Eric Hoyer

Eric Hoyer is a Consulting Forester with Natural Resource Planning Services, Inc. He has a B.S. in Forestry from the University of Maine and an MBA from the University of South Florida. Eric has over 30 years experience in both timber management and urban forestry, the last 25 as a consultant. Eric has been a Certified Arborist since 1992.

Commercial Representative - Kris Stultz

Kris is currently the Branch Manager for the Brickman Group, Arbor Services Division for the State of Florida. Kris has been an active member of the Florida Chapter ISA and has been a TCC contestant, technician, judge and is presently the Chairmen of the Florida Chapter TCC. Kris is also a member of the International TCC set-up and judging team.

Grower Representative - Patrick Miller

Patrick has worked in the forestry and horticultural industry throughout the southeast for over 26 years. He currently works for Cherry Lake Tree Farm as Director of Production. Patrick also conducts educational tours and serves as the in-house instructor for ISA Certified Arborists as well as ENGLA certified Horticultural Professionals.

In addition to the elected board members, president Mike Robinson has appointed the following people to the board at-large positions: Mike Conner of Calvin-Giordano & Associates, Inc., Kim Paulson of The Tree Lady Company, and Paul Verlander, Landscape Architect.

All Board members bring with them years of expertise and the energy and willingness to continue moving the Chapter forward in their upcoming terms. Congratulations and welcome to all.

Order Your Plate

How to Order Your TreesAreCool Specialty Plate

Select your official TreesAreCool specialty license plate in person at your Florida tag office. To purchase the Trees Are Cool license plate you do not need to wait for your current plate to expire. Simply take your current plate into any Florida tag office and purchase a replacement Trees Are Cool plate.

To order your plate by mail, please print and complete the form below. Return it with your vehicle registration renewal notice and check for an additional \$25. If your renewal indicates you must replace your license plate, you do not need to include the \$10 new plate fee.

Name: _____
 Address: _____
 City: _____ Zip Code: _____
 Email: _____

By providing my email address I would like more information on TreesAreCool.com programs and updates.

The TreesAreCool program is administered by the Florida Chapter of the International Society of Arboriculture (ISA), a Florida non-profit organization.



i-Tree Team Wins 2008 Forest Chief's Honor Award

from the Arbor Day Foundation website (www.arborday.org)

Nebraska City, Neb. (Dec. 18, 2008) – U.S. Forest Service Chief Abigail R. Kimball honored the i-Tree Development and Implementation Team with an Honor Award for Engaging Urban America. The Chief's Honor Awards are the highest awards given out by the U.S. Forest Service to publically recognize exemplary achievements in Forest Service programs that contribute to the Service's strategic goals.

i-Tree is a free suite of computer software tools developed to improve urban natural resource management by quantifying the ecosystem services and values provided by urban trees and forests. i-Tree software is being used by cities and communities not only throughout the United States but around the world.

"The i-Tree Team's efforts have significantly increased access to the science that allows us to understand how trees benefit our communities," said Scott Maco, program manager with the Davey Tree Expert Company. "Making these tools accessible allows anyone the ability to calculate energy savings,

air quality improvements, carbon sequestration, and rainfall interception benefits in both absolute and economic terms."

What makes the i-Tree Development and Implementation Team unique is that it functions as a cooperative – public, private and government entities working together to create a tool that leads to better managed and sustainable urban forests. The i-Tree Team consists of Dave Nowak, Keith Cline, Greg McPherson and Dave Bloniarz of the U.S. Forest Service; Greg Ina and Scott Maco of Davey Tree Expert Company; Dan Lambe of the Arbor Day Foundation; Jerri LaHaie of the Society of Municipal Arborists; and Jim Skiera of the International Society of Arboriculture.

"The i-Tree partnership is significant. It utilizes the strengths of each partner to develop, support, and disseminate a science-based tool that engages urban America in sustaining an important natural resource," said Nowak, Project Leader for the Forest Service of a research team based in Syracuse, N.Y.

There have been nearly 3,500 copies of i-Tree distributed since its release in August 2006. Cities as diverse as Casper, Wyo., Chattanooga, Tenn., and New York City have all used i-Tree to better understand its urban forest resource and link this knowledge to improve resource management. ■









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Guy Daines at 1-800-943-0065

Welcome!

New Florida Chapter Members

Here are the individuals that joined the Florida Chapter during the fourth quarter of 2008/first quarter of 2009. 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.

First Name	Last Name	City	State	First Name	Last Name	City	State
George	Alvarez	TAMPA	FL	Casey	Lyon	DELAND	FL
Randall	Bachand	ORLANDO	FL	Jason	Miesbauer	GAINESVILLE	FL
Robert	Barrabeitg	MIAMI	FL	Michael	Mittiga	WINTER PARK	FL
Rachel	Baughman	PENSACOLA	FL	Michael	Moore	DUNNELLON	FL
Jan	Bel Jan	PALM BCH GARDENS	FL	Lori	Moreda	TAMPA	FL
Gary	Blackledge	PLANTATION	FL	Bruce	Paulson	WINTER HAVEN	FL
Richard	Cervi	SAINT PETERSBURG	FL	David	Petroff	ZEPHYRHILLS	FL
Robert	Dickson	DUNEDIN	FL	Mak	Polly	KWAI CHUNG	Hong Kong
Eric	Evans	NAPLES	FL	Susan	Preil	DELAND	FL
Magaly	Figueroa	S AN JUAN	PR	Mike	Preston	DAVIE	FL
David	Fox	GAINESVILLE	FL	Scott	Quick	STUART	FL
Melissa	Friedman	PLANT CITY	FL	Rickey	Reed	DEERFIELD BEACH	FL
Fernando	Galindez	WESTON	FL	Eduardo	Salcedo	MIAMI	FL
Katy	Gallegly	PLANTATION	FL	Patrick	Snyder	CORAL SPRINGS	FL
Richard	Gessner	SANTA CRUZ	CA	Larry	Surkan	COQUITLAM	BC
Jerad	Groff	CHULUOTA	FL	John (Phil)	Turner	SEMINOLE	FL
Steve	Hanas	CLEARWATER	FL	Ruben	Vargas	SAINT PETERSBURG	FL
Jackie	Hartley	BROOKSVILLE	FL	Joseph	Venezio	VENICE	FL
Patricia	Henderson	SAINT AUGUSTINE	FL	Paul	Verlander	ALTAMONTE SPRINGS	FL
April	Hurst	SUMTERVILLE	FL	Randy	Willich	FORT LAUDERDALE	FL
George	Keys	VENICE	FL	Adam	Word	PENSACOLA	FL
Mike	Kincaid	VERO BEACH	FL	Kevin	Wyko	TAMPA	FL
December	Lauretano-Haines	SW RANCHES	FL	Jason	Zysk	TAMPA	FL
Alfredo	Lorenzo	TALLAHASSEE	FL				

*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.



Health Care for Senior Trees

Mature Tree Care from A to Z

Tuesday, April 21 - Jacksonville - Duval Co. Extension Office

Wednesday, April 22 - Sarasota - Payne Park

Friday, April 24 - Naples - Collier Co. Extension Office

CEUs: ISA - 6.5 FNGLA - 4

2009 Certification Exam Schedule

The **FLORIDA CHAPTER** of ISA is pleased to announce our revised 2009 schedule of Certification exams. See the chart below for the site nearest you.

Date	Exam/ Class	Location	Time	Proctor or Instructors	Last Date to Register	Cost Member/ Nonmem
May 7 2009	Certified Arborist Exam	Pinellas Tech. Edu. Ctr. 901 34th Street S. St. Petersburg, FL 33711	7:30 AM to Noon	Greg Charles Loren Westenberger	See ISA Website	\$150/ \$250
April 4 2009	Certified Arborist Exam	Broward Co. Extension 3245 College Avenue Davie, FL 33314	7:30 AM to Noon	Dr. George Fitzpatrick Way Hoyt	See ISA Website	\$150/ \$250
April 18 2009	Certified Arborist Exam	Duval Co. Extension 1010 N McDuff Jacksonville, FL 32254	7:30 AM to Noon	Larry Figart Mike Robinson	See ISA Website	\$150/ \$250
May 16 2009	Certified Arborist Exam	Leon Co. Extension 615 Paul Russell Road Tallahassee, FL 32301	8:30 AM to 1:00 PM	Perry Odom Stan Rosenthal	See ISA Website	\$150/ \$250
June 14 2009	Certified Arborist Exam	Trees Florida Ritz-Carlton 1111 Ritz Drive Sarasota, FL 34236	7:30 AM to Noon	Norm Easey Patty Morrison	See ISA Website	\$150/ \$250

This schedule is subject to change as additional tests and review sessions may be added.

For an application form to register for an Exam call the ISA Office in Champaign, IL at 888-472-8733

To purchase an ISA Certification Study Guide, call the Florida Chapter ISA at 941-342-0153 or order online.

The ISA Illinois must receive your application & exam fees **A MINIMUM OF TWELVE BUSINESS DAYS** prior to the exam date. **NO EXCEPTIONS!** (ISA Illinois is closed New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and the day after, and Christmas Day)

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

Up-coming 2009
Board Meeting
Dates & Locations

April 17, 2009 - IFAS - Orlando
July 17, 2009 - IFAS - Orlando

Come see what your
Chapter is up to by attending a
**Board of Directors
Meeting!**

This invitation is open to
all members.

Please call
941-342-0153
for specific times and locations

The following article is provided in English and Spanish

Tree Plantings in Urban Areas with Soil Volume Requirements

Jimmy Socash, ASLA, JFS Design Inc, Pembroke Pines and

Henry Mayer, Miami Dade IFAS Extension Agent and ISA Hispanic Committee.

Reviewed by Francisco Escobedo, University of Florida-IFAS, School of Forest Resources and Conservation

As the emphasis for “Green” environments continues to take a more significant place in our everyday lives, perhaps the greenest activity we can implement is the planting of trees in our environment, especially in the urban landscape. With the importance to control and reduce carbon dioxide (carbon sequestration) and the vital role that trees play in that reversal, this is another of the many reasons to plant trees.

Unfortunately, the planting of trees in the urban landscape may be one of the most challenging tasks to realize. Given the restrictions of overhead and underground utilities, adjacent buildings and structures, roads, streets and pavement, sight distances, and a host of others, combined with reduced soil and water areas, air contamination and a daily loss of existing trees through vehicular accidents, construction and “development” it is a wonder that we even have any trees in the urban landscape.

However, municipalities throughout the country, recognize the need to re-forest our cities and urban areas, and have taken a much more visible posture to direct and demand tree planting to accompany the concrete and asphalt cityscape. In the past 10 to 20 years, new guidelines and ordinances have been adopted to incorporate more green spaces and additional trees for those areas, all in an attempt to “Green” our living environment.

Coupled with these efforts, new methods and technologies have been developed to facilitate urban tree plantings. Many of these are commonly referred to as BMPs (Best

Management Practices) and have become vital to installation and maintenance in the landscape. Further new techniques have now developed methods to increase soil volume underneath pavements such as “CU Structural Soils” and “Deep Root Silva Cells” to provide better growing media for tree root systems.

The need to increase soil volume for urban tree planting has become the most critical component for the success of this effort. Without adequate soil volume for tree growth our urban forests will develop poorly, grow less vigorously, and eventually decline and die far earlier than their normal life span. Even with incorporation of all of the BMP methods, shortage of soil volume cannot be compensated. To recall the age-old saying: “Better to plant a 50 cent tree in a 5 dollar hole, than a 5 dollar tree in a 50 cent hole.”

Then is how much soil volume is required? Information from the Urban Horticulture Institute at Cornell University estimates that an 18” diameter tree would require an optimum soil volume of 1200 cubic feet. That would mean a planting area 20’ x 20’ x 3’ deep for a fairly large shade tree. And if we are to think of planting trees in the urban landscape, we must think of terms of planting shade trees and not just small ornamental trees, or palms.

“Better to plant a 50 cent tree in a 5 dollar hole, than a 5 dollar tree in a 50 cent hole.”

We traditionally had thought to plant shade trees in our parks

and larger open spaces of the cities and for years had been planting street trees in small 3’ x 3’ squares along a boulevard or avenue with expectations that this alone solved a green issue for the cityscape. Due to the limited growing space for roots, those trees seldom developed to their optimum sizes, oftentimes were unhealthy, and in so many cases, declined, died and were removed long before their time. What had happened to those trees? In all too many cases, surrounded with compacted sub grades in a container-type planting area, the trees declined due to poor root development. To successfully correct this problem something had to be done to augment the soil volume for the tree plantings by increasing the underground rooting area beneath sidewalks, driveways and paved areas. With the development of new methods such as CU Structural Soils or Deeproot Silva Cells the root system can extend into and underneath those hardscapes that previously had not been considered as growing media spaces. ■

El siguiente artículo está escrito en Inglés y en Español.

Requerimientos de Suelo en Siembra de Arbolado Urbano

Jimmy Socash, ASLA, JFS Design Inc, Pembroke Pines and

Henry Mayer, Miami Dade IFAS Extension Agent and ISA Hispanic Committee.

Reviewed by Francisco Escobedo, University of Florida-IFAS, School of Forest Resources and Conservation

A medida que “Enverdecimiento” del ambiente continúa tomando un lugar más importante en nuestras vidas, una de las mejores actividades que podemos hacer es plantar árboles en el paisaje urbano. La importancia que tiene el reducir el dióxido de carbono en la atmósfera y el papel vital que los árboles juegan en este cambio, son unas de las razones importantes para plantar árboles.

Desafortunadamente, el establecimiento de árboles en el paisaje urbano puede ser un gran desafío dada la gran cantidad de factores en su contra como: interferencia de líneas aéreas y subterráneas de servicio público, edificios y estructuras adyacentes, las aceras, las calles, el pavimento, y un sin fin de otras cosas; esto combinado con áreas con poco suelo, suelo compactado, suelo con poca o mucha agua, alta contaminación del aire, pérdida de árboles por accidentes de carro, y actividades de construcción; es increíble que después de todo podamos aun tener árboles en nuestro paisaje urbano.

Sin embargo, muchos municipios en el país, reconocen la necesidad de reforestar nuestras ciudades y zonas urbanas, y han tomado una postura mucho más visible para ordenar y exigir la siembra de más árboles. En los últimos 10 a 20 años, nuevas pautas y ordenanzas se han adoptado para incorporar más áreas verdes y árboles en un intento “para poner verde” nuestro ambiente.

Con estos esfuerzos, nuevos métodos y tecnologías se han desarrollado para facilitar la siembra de árboles urbanos. Muchos de éstos métodos se refieren colectivamente como

BMP’s (mejores prácticas de manejo) y se han desarrollado para aumentar el volumen de suelo aprovechable por los árboles por debajo del pavimentos. Nuevas tecnologías y métodos tales como “suelos estructurales o CU” y “Deep Root Silva Cells”, ayudan con el buen establecimiento y crecimiento del árbol y sus raíces.

La necesidad de aumentar el volumen del suelo en la siembra de árboles en el paisaje urbano se ha convertido en el componente más crítico para el éxito de este esfuerzo. Sin el volumen adecuado de suelo para el crecimiento del árbol nuestros bosques urbanos crecerán menos vigoroso, y eventualmente se deterioraran y morirán mucho antes de lo que naturalmente podrían vivir. Incluso con la incorporación de todas las prácticas de BMP, la escasez de volumen del suelo no puede ser compensada. Para recordar el refrán popular: “Mejor plantar un árbol de 50 centavos en un hoyo de 5 dólares, que un árbol de 5 dólares en un hoyo de 50 centavos.”

¿Entonces cuánto volumen de suelo se requiere? El Instituto Urbano de Horticultura de la Universidad Cornell estima que un árbol con un diámetro 18 pulgadas requeriría un volumen óptimo de suelo de 1200 pies cúbicos. Eso significa

“Mejor plantar un árbol de 50 centavos en un hoyo de 5 dólares, que un árbol de 5 dólares en un hoyo de 50 centavos.”

la necesidad de un área de 20 ‘ x 20 ‘ x 3 ‘ (profundidad) para un árbol de sombra bastante grande. Cuando pensamos en el

establecimiento de árboles en el paisaje urbano, debemos pensar en términos de plantar árboles grandes de sombra y no solamente árboles pequeños o palmas.

Tradicionalmente pensamos en plantar árboles de sombra en nuestros parques y espacios abiertos de las ciudades y por años sembramos árboles en las calle en pequeños cuadrados de 3’ x 3 ‘ a lo largo de bulevares o avenidas con la expectativas que así incrementaríamos el arbolado urbano. Debido al espacio cada vez mas limitado para las raíces, esos árboles raramente desarrollan sus tamaños óptimos, en muchos casos mueren y tienen que ser removidos. La expectativa de vida es mucho menor que el mismo árbol en ambientes naturales (bosque).

Siempre es importante considerar el volumen del suelo en

New Web Site - Trees for Storm Water Mitigation

from Canopy Coverage

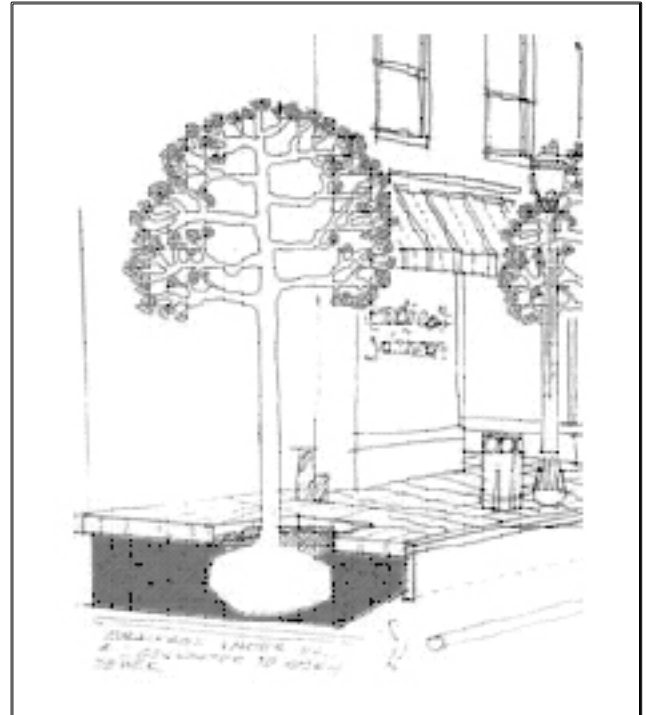
publication of the Mid Atlantic Chapter ISA

A four year research project partially supported by the USDA Forest Service National Urban and Community Forestry grant program developed and evaluated new storm water management technology using urban trees and structural soils. How-to manuals, demonstration site information and research results are now available at www.cnr.vt.edu/urbanforestry/stormwater. contact project leader Susan Day for more information (sdd@vt.edu).



Requerimientos from page 25

la siembra de árboles. Obviamente, la compra de materiales y el costo de instalación aumentarán los costos del proyecto de siembra, pero al evitar la corta del árbol prematuramente, así como los costos de remoción y sustitución por otro árbol hacen que el alto costo inicial se compense. Además, y quizás lo más importante, la pérdida de árboles en el paisaje también ocasiona pérdida de tiempo para aumentar la cobertura arbórea, así como perdida de fe de los ciudadanos en los proyectos de reforestación urbana. ■



*Additional root zone area beneath pavement
Sketch courtesy of Urban Horticulture Institute*

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*Florida Chapter ISA
Edward W Bok Award Application*



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Norm Easey, Florida Chapter ISA Executive Director at (941) 342-0153

Entry Guidelines

- Enter yourself or a colleague.
- Each application must be typed and presented in a standard three-ring binder (no larger than ½ inch capacity). The completed awards entry form must be the first page of the application. Following the entry form should be a summary of not more than three typewritten pages that describe the individual’s contribution to arboriculture or urban and community forestry.
- Support documentation such as photographs, press clippings, printed pieces, and letters of commendation are encouraged, but shall be limited to 12 additional pages. All supporting documents must be attached or secured inside the application.

Name of individual _____

Address _____

City _____ State _____ Zip _____

Phone _____ Fax _____

E-mail _____

Nominated by (if different) _____

Address _____

City _____ State _____ Zip _____

Phone _____ Fax _____

E-mail _____

Number of duplicate certificates if needed _____

Send all entries to: Florida Chapter ISA - 7853 S Leewynn Court - Sarasota, FL 34240
DEADLINE May 15, 2009

All submitted materials become property of the Florida Chapter ISA.

Consultant's Corner

by Joe Samnik, Consulting Arborist

Williams v. Davis This Changes Every-



When Florida was largely an agrarian society, these areas were under the agrarian rule (aka the rural rule), and a landowner could never be held liable for harm occurring to motorists on adjacent roadways as a result of natural conditions on the land regardless of any alleged neglect of the landowner. The landowner was essentially immune to claims by persons not on the landowner's property when injured, even when those persons claimed a condition on the land caused the injury.

Enter Whitt v. Silverman where the notion of the agrarian rule was rejected when considering whether a commercial landowner in an urban setting owed a duty to motorists and pedestrians who might be harmed by conditions on the property. Instead of the agrarian rule, the court applied "foreseeable zone of risk" analysis which was articulated in McCain v. Florida Power Corp. Simply put, this analysis was a judicial determination of whether it was reasonably foreseeable that the condition would create a risk or a general zone of harm.

In McCain, the court explained that in the case of a service station owner, who was a commercial business in an urban area, specifically relying on frequent traffic whose ingress and egress was obscured by foliage, was liable for damages. This established the articulated, "foreseeable zone of risk" analysis.

In Williams v. Davis, Twanda Green was transporting cars in a procession from one rental car location to another. As she made a left-hand turn at a "T" intersection, a dump truck hit and killed her. Her estate sued several defendants, including the property and home owner, Beverly Williams. The suit claimed that foliage on the Williams property obstructed the view of other traffic as Green approached the intersection. Williams moved for summary judgment, and the court agreed, thoroughly. While the trial court opinion referred to "overgrown foliage" and "obstructing foliage", nothing was mentioned of foliage growing outside the Williams property line and into the right-of-way. The Court of Appeals reversed, stating that a landowner had a duty of care to maintain foliage on their property so as not to restrict visibility of motorists at the intersection.

Williams appealed to the Supreme Court that held a private landowner does not have a duty of care to motorists arising from trees or foliage that does not intrude into the right-of-way.

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Arborist Certification Committee Report

By Norm Easey, Florida Certification Liaison

Arborist Certification is still moving ahead worldwide; there are now 23,285 ISA Certified Arborists, 877 ISA Certified Tree Workers, 1458 Utility Specialists, 276 Municipal Specialists and 265 Board Certified Master Arborists. The Florida Chapter currently has 1624 Certified Arborists.

The Florida Chapter would like to congratulate the following 62 Florida individuals for earning their Arborist Certification, Municipal Arborist or Utility Arborist Certification during the fourth quarter of 2008:

Municipal Arborist

Ronald	Belko Jr.	St. Petersburg	FL
Brian	Dick	Lakeland	FL
Kevin	Songer	Lakeland	FL

Utility Arborist

Steve	Royer	St. Petersburg	FL
Anthony	Santangelo	Inverness	FL

Certified Arborist

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Brian	Blauet	Ft. Myers	FL
Gregory	Bori	Gotha	FL
Cranmier	Boyce IV	Miramar Beach	FL
Byron	Bozarth	Clearwater	FL
Rich	Bray	Tallahassee	FL
Thomas	Brenerman	Bonita Springs	FL
Brian	Borton	St. Johns	FL
Juan Carlos	Beltran	Tampa	FL
Isaias	Cavazos	Naples	FL
Richard	Copley	Palm Harbor	FL
Thomas	Crocker	Largo	FL
Chris	Deladurantey	Naples	FL
David	Dore-Smith	Bonita Springs	FL
Robert	Ellis	Kenneth City	FL
David	Evans	Belleair Beach	FL
James	Finley	Tampa	FL
Deborah	Giep	Largo	FL
Daniel	Gonzalez	Bradenton	FL
Charles	Grover	Ocala	FL
Loren	Guay	Holiday	FL
Dale	Hannula	Bonita Springs	FL
Ryan	Hayes	Zolfo Springs	FL
Benjamin	Hester	Deland	FL
Don	Jacobs	Holiday	FL
Jason	Johnson	Seminole	FL
Joseph	Karl	Tampa	FL

Mike	Kirby	Naples	FL
Dan	Lawhead	Odessa	FL
Tim	Lawrence	Clearwater	FL
Daniel	LeJeune	St. Augustine	FL
Terry	Lipman	Sarasota	FL
Jess	Mason	Bushnell	FL
Gregg	Moore	St. Petersburg	FL
Colin	Osborne	Ocala	FL
Walter	Owsiany	Estero	FL
Caela	Paioff	Seminole	FL
Ross	Peterson	Bradenton	FL
Mark	Pfouts	Ft. Mead	FL
Wendy	Price-Gearhart	Largo	FL
William	Proper	Pace	FL
Heather	Reitano	Hollywood	FL
Brian	Reneau	Palm Harbor	FL
William	Robbins	Tampa	FL
John	Rodgers	Tampa	FL
Kenneth	Ross	Seminole	FL
Charlene	Shere	Village of	
		Palmetto Bay	FL
Vergy	Sheridan	Jupiter	FL
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Amiel	Villani	Ft. Myers	FL
James	Ward	Clearwater	FL
Richard	Warner	Palm Harbor	FL
Curtis	Weekly	Wakulla Station	FL
Brock	Wood	St. Petersburg	FL

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