

Florida Arborist

A Publication of the Florida Chapter ISA



www.floridaisa.org

Spring 2005

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"I feel we all need to take the opportunity to show our expertise in the field of arboriculture and defend the value of trees in the landscape as well as our knowledge in their proper care."

Bruce Smith

Florida Chapter President

(please see article,

President's Message, page 2)

Storm damage prevention by maintaining sound structure

Edward F. Gilman, Professor, Environmental Horticulture Department, University of Florida

Proper pruning and training of young, large-maturing trees has a significant impact on their future growth. Arborists and urban foresters know that young trees properly trained in the nursery with a dominant leader survive storms better and are likely to live longer in the landscape than trees that are not trained, or those that are improperly pruned. In addition, trees with one dominant leader can be limbed up easily to create clearance for vehicles; whereas those with multiple leaders are difficult to prune. The nursery industry recognized this with the publication *American Standard for Nursery Stock* (ANSI Z60.1 1990) which calls for a dominant leader in large-maturing shade trees. Some states have adopted more detailed standards for nursery trees that also call for a dominant leader (*Grades and Standards for Nursery Plants*, Florida Dept. of Agric. 1998). For a number of years, leaders in the nursery industry have trained their large maturing shade trees to one trunk. There is now consensus among green industry leaders that a dominant leader is the most appropriate method of growing shade trees.

Second to placing a tree in an appropriate location and planting it correctly, pruning has the biggest impact on longevity. Landscape managers should know that planting

well structured nursery trees makes it easier for them to complete the job begun in the nursery of developing structurally sound trees.

The main objective of pruning in the nursery and landscape is to create strong structure by guiding the tree's architecture. You minimize the growth retarding effects of pruning by removing the smallest amount of

living tissue at any one pruning, while producing a strong structured, healthy tree with a functional and pleasing form. For most trees, this is accomplished by developing and maintaining a leader early in the life of the tree (one year old is not too soon), and pruning at regular intervals when the tree is young. A regular pruning program prevents

branches from growing too big too fast and outpacing the leader.

Branches that grow too big too fast often develop into codominant stems, sometimes with included bark. These weakly attached stems can split from the tree as it grows older. In addition, low codominant stems often have to be removed in the landscape as they droop too close to the ground. This leaves a huge pruning wound that can initiate trunk decay. Nursery and landscape managers can discourage lower branches from developing into codominant stems by pruning on these branches to slow their growth rate. Strive to keep branches less than about half the trunk diameter.



Storm Damage Prevention, continued on page 8

A Message From the President

I would like to start by saying how honored I am to represent the Florida Chapter of ISA as the President for the year 2005. I have enjoyed the past five years working with the board of directors and I am looking forward to the work ahead. It is quite exciting to see the growth of our relatively young chapter. I feel we provide the highest quality education of any chapter in the ISA, hands down.

As you read this issue I hope that you and your families and friends made it through the storms unscathed. I hope

that the clean up from the 04 hurricanes has at least calmed to a reasonable pace. Although many of us may have profited from the immense amount of work these events created, I am sure we can all agree that enough is enough and let's wish for at least a few years without that level of devastation.

I have spent a little time reflecting on the events of hurricane season 2004 and I have made a few observations. While watching a local television station for current weather coverage during one of the storms, I was shocked when the weatherman made the statement "I know it may be too late but I would strongly urge anyone who has large oak trees near their house to call a tree man and have those trees topped or cut

down, because I guarantee they are going to fall on your house". After picking my lower jaw off the floor I made a call to the chapter office and requested a PSA be immediately circulated to as many outlets as possible to stop such outrageous statements from reaching the public. Within a very short time the PSA was produced and circulated to hundreds of news agencies.

It concerns me that this type of misinformation was being put out to the public by someone who obviously hasn't a clue as to the value of trees or their ability to protect against the force of such storms. Many more trees stood up than fell down.

I feel we all need to take the opportunity to show our expertise in the field of arboriculture and defend the value of trees in the landscape as well as our knowledge in their proper care. We can educate the public and generate revenues to better support expansion of our services by making honest evaluation of our client's trees, saving what we can through proper pruning, and removing hazardous trees. Take some time and speak at the local garden club. Use some of the revenues from the cleanup and do a TV spot. Maybe ask your local station for some time during the weatherman's report. We desperately need to promote ourselves as the knowledgeable professionals and not leave it to the weatherman.

I am looking forward to meeting you at the Trees Florida conference this June. Please come and say hello. Until then, be safe.

Your President,

Bruce Smith

Florida Chapter ISA

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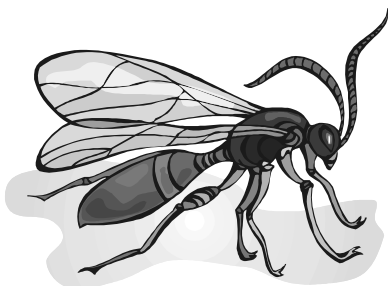
In the News

Undocumented population reaches 11 million

Pew Hispanic Center issued a new report on undocumented immigrants stating that the population of these people in the U.S. likely reached 11 million this month. This is up from 8.4 million in 2000. The center estimates that 57% of these immigrants are from Mexico, and about 24% are from other Latin American countries. Almost 2/3rds of undocumented immigrants live in 8 states: Calif. (24%), Texas (14%), Fla. (9%), N.Y. (7%), Ariz. (5%), Ill. (4%), N.J. (4%) and N.C. (3%).

Researchers hunt for ash borer predator

USDA's ARS scientists are narrowing in on a safe predator for the emerald ash borer. The borer has become a devastating pest since its discovery near Detroit in 2002. The parasites that are gaining special scrutiny are parasitic wasps, which seem to be natural predators. There are a few genera of wasps that show promise. The genus *Balcha* eat emerald ash borer larvae, while the genus *Pediobius* prefers the eggs. An interesting side note: during the hunt for a safe predator, the scientists believe they found an unknown wasp species.



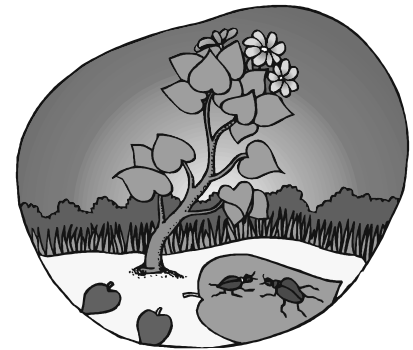
Spring gardeners want smaller plants Garden Writers Assoc. released its 2005 Early Spring Gardening Trends Research report. The survey of 77 million households shows that spring garden plants are most likely to be purchased at mass merchant retailers (51%); 40% of respondents shop at local independent garden retailers. Most consumers prefer smaller, less-expensive plants (57%) than more mature, more expensive plants (35%). A complete copy of the report is available for \$50.



Florida hurricanes may have spread canker

The 2004 Florida hurricanes may have spread citrus canker, a quarantine pest threatening the state's citrus and nursery/landscape industries, according to Fla. Dept. of Ag. and Consumer Services. New outbreaks are being eradicated in several counties. Officials found 31 infected trees on 16 properties within 1 square mile in Hillsborough County. This location had been quarantined 2000-2002, but no infected trees had been found there since 2000. Quarantine laws require the removal of any citrus trees found within 1,900 feet of an infected tree.

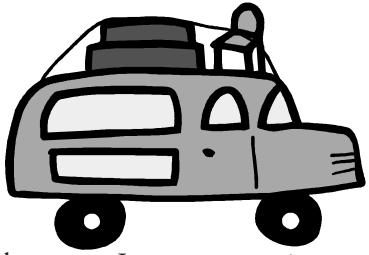
U.S. growers could get paid for clean air The U.S. government took a possible step forward in rewarding U.S. growers for reducing carbon dioxide from the air. U.S. Dept. of Energy made proposals in which agriculture and forestry companies would earn credits for "carbon-sequestered gains." These credits could then be sold to power plants and other entities responsible for heavy carbon dioxide emissions. A possible preliminary step toward implementing such a program took place last week when USDA and DOE issued a set of guidelines for voluntary greenhouse gas reporting, said Ray Bridge, public information officer for the USDA Office of the Chief Economist. The document shows agriculture and forest landowners how to document greenhouse gas reductions and includes a link to a new tool called COMET-VR, which provides a simple method for estimating carbon sequestration.



Skinner acquires Maryland facility Skinner Nurseries purchased

Bridgetown Farms Inc., a landscape distribution center in Centreville, Md. This is the farthest north that Skinner, which operates 15 other distribution centers in the Southeast, has expanded. Former owner Craig Higgs will manage operations at the Maryland facility. "As a result of this acquisition, we will be able to deliver a wider range of products directly to customers' job sites," Higgs said.

TREE Fund Plans A Move



The Board of Directors of the TREE Fund met on January 29 – 30 to review the present status of the organization, consider future needs and directions, and focus on one of the most important issues facing the organization: the recruitment of its next executive director. Our Interim Executive Director Dick Goldbaum, from Transitions In Leadership, indicated that before the search could be initiated, it was important that the Board decide where the TREE Fund offices would be located.

The Board felt that the TREE Fund was at a significant crossroads and needed to take bold steps in order to move to the next level of effectiveness. Overall, we felt that the TREE Fund is at a stage of development where we need to broaden our outreach and become more efficient in order to increase our effectiveness. Our ability to find an executive director who can meet the Board's high expectations and lead the TREE Fund into the future is clearly influenced by the physical location of the Fund's offices.

After weighing the pros and cons, the Board decided that our search for a permanent executive director would be more successful if the TREE Fund offices were scheduled to relocate to a major metropolitan area. Another factor influencing the decision was the fact that the TREE Fund has outgrown its rented space at the ISA offices in Champaign, IL, so a move was inevitable.


Many cities were considered, but in the end, the greater Chicago area was chosen for its central location, good airline and train service, as well as networking opportunities for research and development. The Board is eager to remain 'close to its roots' with the ISA and a suburban Chicago location is only a short drive from Champaign.

The timeline for 'transplanting' the TREE Fund offices is estimated to start in late 2005. For the time being, we must focus on finding a permanent executive director, identifying our research grant and scholarship recipients, and planning our fundraising events. We just enjoyed a successful TCIA Golf Outing and we're gearing up for the annual Tour des Trees, Golf Outing and Gala Auction events, with expert help from our Special Events Development Director Lisa Thompson. However, it's extremely important to maintain the TREE Fund's current location through the execution and follow-up on those events.

Making this move may be stressful, but the Board is confident that our decision will broaden our ability to be in contact with the various Green Industry organizations, working on research and education issues. Never fear, the TREE Fund will continue to organize special events in conjunction with the ISA and the TCIA, whether the office is in Champaign or the Chicago area!

All of us on the TREE Fund Board appreciate your understanding and patience as we move forward during this transition period. Please feel free to contact our Interim Executive Director Dick Goldbaum (dgoldbaum@treefund.org) or anyone on the Board to provide feedback on this decision or any other issue of concern.

Watch for the announcement that we are accepting resumes for the TREE Fund's next executive director. We hope you will refer qualified candidates for our consideration.

Al West, President
TREE Fund Board of Directors
P.O. Box 3188
Champaign, IL 61826-3188 



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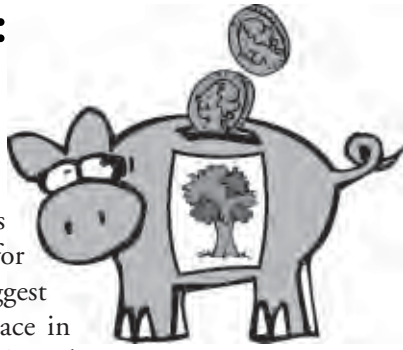
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TREE FUND UPDATE – NEXT STOP: NASHVILLE



This time of year for TREE Fund Liaisons (that's me), we are busy planning for the Summer – our two biggest fund-raising events take place in August. This would be Tour des Trees and the Annual Gala Live and Silent Auction.

Tour des Trees – August 1st – 6th, 2005

This year Tour des Trees takes place along the Natchez Trace National Historic Scenic Byway. The Tour will be a six-day, 500 mile ride starting in Jackson, Mississippi and ending in Nashville, Tennessee – site of the 81st Annual ISA Conference and Trade Show, August 6-10 at the Gaylord Opryland Resort and Convention Center.

This year's Tour des Trees features some new developments – first is the hiring a new Tour director, Mr. Paul Wood and Black Bear Adventures; this will be Paul's first Tour; the second new development is that this year's Tour will occur primarily on a scenic road that does not allow any commercial vehicles – The Natchez Trace.

The goals for this year's Tour include signing up at least 60 riders (fund-raisers) and raising at least \$250,000.00 for the TREE Fund. Along the route, riders will participate in events aimed at raising awareness of the benefits of urban tree research – there will be Radio, TV and Print opportunities, Tim Womick's Trail of Trees events and many local tree planting events.

In addition to the riders, corporate sponsorship will underwrite the Tour and add to the colorful pageant throughout the entire six days. Riders wear matching jerseys displaying Tour sponsors and our Tour Mission statements. Florida will be represented by at least three riders. Any takers? Note that each Tour des Trees rider is responsible for raising a minimum of \$3,500.00 to participate.

7th Annual Gala Auction

This year's auction takes place during the Annual ISA Conference and Trade Show, in Nashville, on Monday night, August 8th.

The Gala Auction event annually raises over \$100,000.00 for the TREE Fund. Corporate Sponsorship accounts for some of the support, but the bulk of the items in the Auc-

tion are donated by each individual ISA Chapter. The Florida Chapter has traditionally been among the largest contributors by virtue of its participation in donating gifts from our members, vendors and sponsors. If any of you members have ideas or items for either the Live or Silent Auction, please contact John White at john.white@cherrylake.com.

Don't forget, we have our own Auction taking place at the TREES FLORIDA Conference at Innisbrook. We are actively seeking items to be auctioned – please direct any inquiries either to John White (352 536-3052) or Jan Rahill (407 227-8824).

Till we meet again – there are no farewells. Just ride on!

John P. White ✍

Trees Florida is coming!

June 11-14, 2005



Sheryle Dell

Chairperson, Trees Florida 2005

Time is flying by, do you realize that the Trees Conference is less than 3 months away! I have great news and bad news about this year's conference. Charley decided to visit Captiva last year and tore up the place so bad that we cannot hold Trees Florida 2005 there. The great news is we have relocated to the fabulous Innisbrook Resort in Palm Harbor and we negotiated great room rates. The planning committee has been working hard to provide an outstanding educational program. Here is a sample of what we have in store for you : Florida ISA Tree Climbing Championship, speakers from Florida and around the country, tour of Busch Gardens, ISA review session AND ISA testing, good food, plenty of rooms, greater diversity in our exhibitors and much more. Please visit the website at www.TREESFLORIDA.COM for more information. Oh yeah, the other piece of good news, Trees Florida 2006 will be at Captiva in 2006.

Here are some of the features in store for you:

- All day hurricane tree academy
- All day mangrove management tree academy
- National speakers from 6 different states
- Field trip and tour
- Fabulous pool complex for youngsters (and geezers too)
- Tree climbing championship is back with the conference this year! ✍

*Mark your calendar!
It's almost time for...*



Trees Florida 2005

June 11-14, 2005
The Westin Innisbrook Resort
Palm Harbor, Florida

Don't miss this opportunity to keep up-to-date by attending Trees Florida 2005

Network and build relationships to take your business and programs to the next level.

- education program features many national speakers
- the latest in tree research and arboriculture
- enhance your climbing and technical skills
- the latest equipment and technology
- ISA certification exam on Sunday
- silent auction sponsoring tree research
- awards luncheon

and also...

Three Tree Academies, including a Tour of Busch Gardens,
Family Fun Field Day, Over-40 Tree Climbing Contest,
ISA Certification Exam Review session, Kayak Trip to Caladesi Island,
Tree Climbing Championship, Outdoor Arborist Education Session

and much more!



Visit our website at www.treesflorida.com



Trees Do Silently Weep in Pain

by Avalon Stands Tall

During a crisp, damp morning a sound fills the air. A sound of an engine warming up to full speed. This sound can be heard for miles and miles because there are many of these engines warm and ready to cause destruction. Though not in the same hands, the intent is in unisons. Ladders go into position as the stately tree stares back at the workers who are about to ascend into its mighty canopy, drenched with massive green leaves, dead branches and occasional 6 legged by-passers. Tired from the past evenings frolics to the wee hours the worker begins to randomly cut anything that is in his way. A cut here, a stripped limb there, a cut into the trunk, and another and another. As time passes the worker descends out of the once stately canopy to the ground. A massive pile of branches and limbs lay waiting to be loaded bound for the land fill. The home owner stands back to look in horror as he sees the final results of the so called tree worker." What happened to my beautiful, majestic tree" shouts the owner. "I gave it a good cutting" says the worker as the sound of limbs are dragged to the trailer. "Its what makes the tree grow better" says the unconcerned worker. "Hey, it will grow back faster than ever before" says the clean up guy.

Here is what the tree would say to the owner and the unskilled workers! Well fellow persons, now that my health is going to go down I want to inform you that you should have hired a trained certified arborist to work on me. Now that I have an open canopy your electric bills will go up because I can't cool your house as effectively in the summer. My branches were hacked off without concern to a proper location for cutting. Look they left stubs everywhere! Now I will be susceptible to disease, insects and other pathogens that will cause further illness. Look what they did to my crown. Most of the leaves are gone! Now I have to struggle to make food. Look at my trunk. Look at all the nicks and slashes they made with that power tool they used. Why did you pay them to abuse me? Now I will suffer forever. Why did you not search out a certified arborist? WHY? ❧



A Comparison of Landscape Mulches: Chemical, Allelopathic, and Decomposition Properties

by Mary L. Duryea, R. Jeffery English, and L. Annie Hermansen

Mulch plays an important role in landscaping by retaining soil moisture, reducing competing vegetation, buffering soil temperature and reducing erosion. However, there is little information to aid consumers in making decisions about which of these mulches to use. This study compared six mulches: cypress, Eucalyptus, pine-bark, pine-needles, Melaleuca, and a utility-trimming mulch. Eucalyptus and utility mulch had the highest decomposition after one year (21 and 32%) while only 3 to 7 % of the other mulches decayed. Pine-straw mulch subsided 2 inches during the year while the other mulches subsided approximately 1 inch. Soils under the mulches were acidified most by pine-straw (pH changed from 5.0 to 4.4) followed by pine-bark and cypress. In a standard test of allelopathy (inhibition of plant growth by chemicals), all fresh mulches inhibited germination of lettuce seed, and although variable in concentration, all mulches contained hydroxylated aromatic compounds which could have caused these allelopathic effects. After nine months and one year, pine-straw and GRU still exhibited allelopathic effects on germination. Cypress, Melaleuca, and pine-bark retained their color after one year while the other three mulches changed to a pinkish-gray. ❧

Walt Disney World



Tree Worker Needed

Must have several years experience in professional tree work. This includes a good working knowledge of tree pruning, transplanting and removals. Individual must be able to climb trees using a rope and saddle.

ISA certified arborists and
CDL Class "A" license preferred.

Contact: Scott Shultz
407-824-1544

Florida Chapter Board of Directors Updates

New Board Members

2005 has brought 3 new members to the Board of Directors! Please join the Board in welcoming Chuck Lippi as Vice President, Patty Hoot-McLeod as Secretary, and Mike Robinson as the utility representative. The Board is excited to include these new members within their ranks and looks forward to their contributions to Chapter affairs. President Bruce Smith appointed Dr. Ed Gilman as the at-large board member.

Strategic Plan in the Works

The Board is set to develop an updated strategic plan for the Chapter that will include a new official mission statement along with long-term goals. Progress on the plan is expected to occur within the next several months, so check back in the fall newsletter for more details.

Chapter Fee Increase

A motion to increase the Chapter membership fee to \$30 was passed unanimously by the Board, and will be effective as of 2006. This is only the second fee increase in Chapter history, with the last one occurring in 1999. The extra funds generated by the new fee will go towards funding the growing communication and certification needs of members.

Board Shuffle

The Board has decided to add an Allied Industry member to its ranks in an attempt to include a broader perspective to Chapter proceedings. The Chapter has also decided to merge the secretary and treasurer position into one to increase efficiency.

Co-op Ad Program Making Strides

The Board is developing a series of ads that emphasize the importance of hiring a certified arborist. The Board anticipates placing these ads in key Florida newspapers at the beginning of hurricane season. Ads for company promotion will also be developed, and will be made available to all certified members. Prototypes of the ads will be presented in the summer newsletter.

Arborist Licensing in the Future?

The Board is currently working on a letter lobbying the state of Florida to require practicing arborist companies to carry a license. This course of action originated as a means to increase safety and service quality within the industry.

Once the position letter is approved, the Chapter will take it to the state legislature. The FNGLA has expressed its support on the issue and has volunteered to assist the Chapter during the legislative process.

Chapter Continues Public Communications Efforts

The Chapter is exploring the possibility of collaborating with the FUFCA in the production of public service announcements encouraging proper tree maintenance. A committee composed of 3 members from each organization met in early April 2005 to develop this idea and apply to funding agencies. *✍*

Storm Damage Prevention, continued from page 1

There are three types of pruning cuts designed to develop a strong structure in trees. A reduction cut removes an upright stem back to a live lateral branch no smaller than about half the diameter of the cut stem. A removal cut removes a side branch back to the collar on the trunk. Cutting into the collar could slow growth and slows closure over the wound. Correctly executed removal cuts close in a circle, not an oval. The third type, a heading cut, is made back to a bud or between branches and, along with the reduction cut, is used to slow growth on the cut branch. Heading cuts also initiate sprout growth from behind the cut. Heading cuts are not appropriate for trees in the landscape unless there are few other options such as during restoration pruning following storms.

It is never too early to begin pruning to subordinate or suppress growth on codominant stems. Each time you subordinate a stem or aggressive branch, growth rate is slowed on the cut stem or branch. This allows the stem that was not cut to grow faster and dominate. More light reaches branches that were previously shaded above the cut, and these will grow to fill in the void created by the removed branches. It is important to remember that removal of small branch parts at a young age rarely leaves unsightly voids or gaps in the tree canopy. If you are leaving large gaps you waited too long to prune or you are removing too much of the stem or branch.

In many cases, the reduction cut is the best choice for creating sound structure in young trees, although heading cuts are sometimes appropriate on young trees in the nursery. It is important to learn this technique and to spend enough time with the pruning crews to ensure it is carried through. I find that it is easy for workers to revert back to old habits in a matter of hours following an initial instruction session. Once you have learned the technique, have your employees watch you, then have them prune trees while you are present before sending them on their own. *✍*

INTERNATIONAL SOCIETY of ARBORICULTURE FLORIDA CHAPTER TREE CLIMBING CHAMPIONSHIP

June 12, 2005, Innisbrook Resort, Tarpon Springs

WHERE: Innisbrook Resort, Tarpon Springs, Florida
WHEN: Sunday, June 12, 2005 8:00 am - 4:00 pm
MEETINGS: Saturday, June 11, 2005 8:00 am - 9:00 am Walk Through and Equipment Check
 9:00 am - 9:30 am Judges and Officials Meeting
 9:30 am - 10:00 am **Mandatory Pre-TCC Meeting**
 Saturday, June 11, 2005 10:30 am - 4:00 pm Over-40 TCC (Work climb and Throwline)

REGISTRATION: \$75.00 fee per contestant - **Deadline is May 15, 2005, No Exceptions**
 Rules and full schedule of events will be mailed out by June 1, 2005.
 Please make check payable to: FLORIDA CHAPTER ISA

Mail Registration with payment to:
 Bruce Smith
 Arborscape, Inc.
 5657 Creekwood Circle
 Sarasota, FL 34233

If you have any questions, please call: Bruce Smith, Chairman (941) 378-5566
 ISA Florida Chapter (941) 342-0153

Contestants compete in five preliminary events to qualify as one of the top five contestants who earn the right to move on to the championship round. The preliminary events include **Secured Footlock Speed Climb, Belayed Speed Climb, Aerial Rescue, Work Climb, and Throw Line.** The top five contestants who have accumulated the highest combined point total for the five preliminary events move on to the afternoon's competition, the Master's Challenge. Contestants in this round start fresh on equal ground and compete for the championship. Contestants in the Master's Challenge perform an ISA Traditional Work Climb with the winner being crowned Champion. The overall winner will represent the Florida Chapter at the ITCC in Nashville, Tennessee in August 2005.

IMPORTANT NOTES:

- * Registration will be limited to 20 contestants so please register early if you want to compete.
- * Experienced arborists with no ties to the contestants are needed to help judge the competition.
- * ISA sponsors and ISA members will be given preference in registration.
- * **The Registration Deadline is May 15, 2005.** At that time additional contestants within companies may be added to the competitors list if space is available. Priority will be given in the order received.

**IMPORTANT CHANGE: ALL CONTESTANTS MUST
LIVE AND WORK IN FLORIDA AND BE MEMBERS OF THE FLORIDA CHAPTER**

***All Contestants will be required to fill out the entry form and sign the waiver
on page 10 releasing the Innisbrook Resort, ISA, and
ISA Florida Chapter from any liability.***

TREE CLIMBING CHAMPIONSHIP ENTRY FORM

Please Print CLEARLY

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 _____, 2005. 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 _____, 2005.

Signature of Employer or Authorized Representative _____

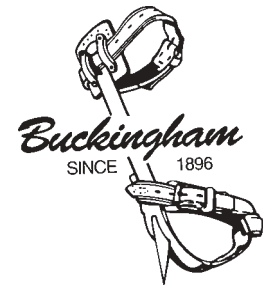
2005 Tree Climbing Championship Prize Package

Announcing the 2005 ArborMaster Climbing Prize Package for the Florida Chapter Tree Climbing Champion (TCC), held in conjunction with the chapter's 2005 Tree Climbing Championship (TCC) event. This climbing kit is being offered to each chapter champion (both man and woman, if applicable)! The package is intended to help equip the chapter representative(s) for the International Tree Climbing Championship (ITCC) Competition.

Each prize package to include:

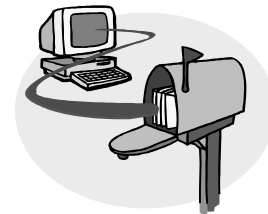
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2005 Education Schedule

Date	Subject	Location
April 15	Hazard Tree Identification Seminar	Tampa
April 22	Hazard Tree Identification Seminar	Ft. Lauderdale
May 12	Tree Nursery Production & Landscape Seminar	Brooksville
June 11-14	Trees Florida 2005 at Beautiful Westin Innisbrook	Palm Harbor
September 8	Trees and Hurricanes	Orlando
September 9	Trees and Hurricanes	Ft. Lauderdale
October 13	Gold Coast Tree Seminar	West Palm
October 14	Space Coast Tree Seminar	TBD
November 3	Sun Coast Tree Seminar	Tampa
November 4	Lee Island Coast Tree Seminar	Naples



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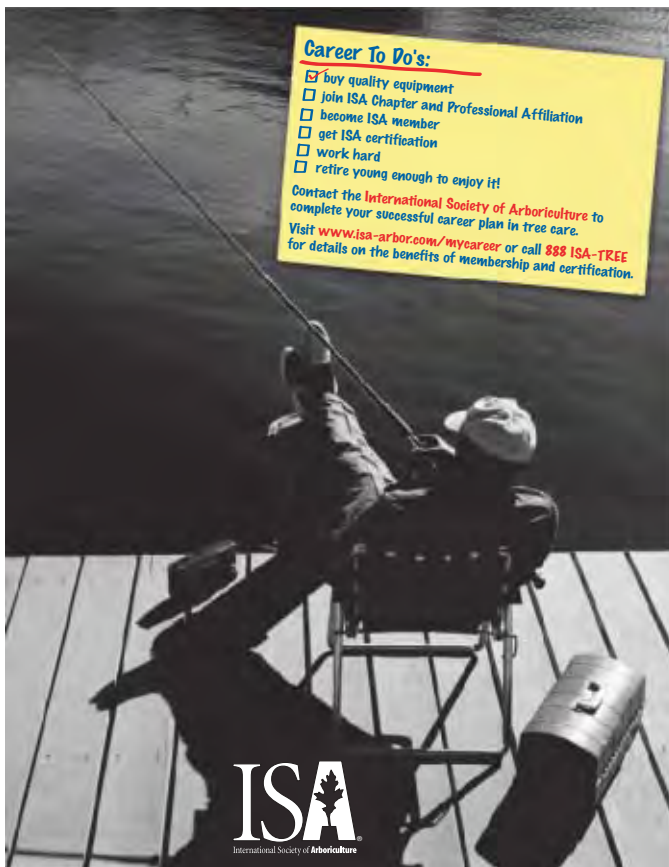
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2005 Certification Exam Schedule

The **FLORIDA CHAPTER** of **ISA** is pleased to announce our revised 2004-2005 schedule of Certification Exams and Study Guide Review sessions. See the chart below for the site nearest you. This schedule is subject to change as additional tests and review sessions may be added.

Date	Exam / Class	Location	Time	Proctor or Instructors	Last Date to Register	Cost
May 14, 2005	Exam	Duval County Extension 1010 N. McDuff Avenue Jacksonville, FL 32254	7:30 am to Noon	Larry Figart and Rebecca Jordi	April 29, 2005	\$125/\$225
June 11, 2005	Class	Trees Florida 2005 Westin Innisbrook Resort 36750 US Hwy. 19 North Palm Harbor, FL 34684	9:00 am to 4:00 pm	Norm Easey, Mary Edwards, Chuck Lippi, Dave Leonard, Rick Joyce	May 27, 2005	\$145/\$175
June 12, 2005	Exam	Westin Innisbrook Resort 36750 US Hwy. 19 North Palm Harbor, FL 34684	7:30 am to Noon	Greg Charles & Loren Westenberger	May 27, 2005	\$125/\$225
June 18, 2005	Exam	Maclay Gardens State Park 3540 Thomasville Rd. Tallahassee, FL 32309	8:30 am to 1:00 pm	Sam Hand & Perry Odom	June 3, 2005	\$125/\$225

For an application to any of the Exams, call the ISA Office in Champaign, IL at 888-472-8733.
 To register for the Review Class call the Florida Chapter ISA at 941-342-0153.
 To purchase an ISA Certification Study Guide, call the Florida Chapter ISA at 941-342-0153.

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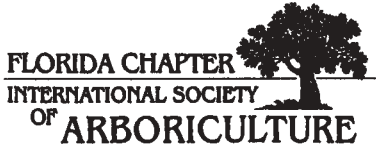

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