

Winter 2010  
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## Caring for Palms Should Texas Phoenix Palm Decline Appear in Your Community

Nigel A. Harrison, Ph.D. and Monica L. Elliott, Ph.D.

University of Florida – IFAS  
Fort Lauderdale Research and Education Center

Texas Phoenix palm decline (TPPD) is a palm disease caused by a phytoplasma (an unculturable, cell-wall less bacterium) that affects primarily *Phoenix* spp. and cabbage palm (*Sabal palmetto*) in Florida. Among *Phoenix* spp., the disease occurs in Canary Island date palm (*P. canariensis*), edible date palm (*P. dactylifera*), Senegal date palm (*P. reclinata*) and silver date palm (*P. sylvestris*) but not in pygmy date palm (*P. roebelinii*). TPPD also occurs in Queen palm (*Syagrus romanzoffiana*), but this species appears to be less susceptible to the disease than *Phoenix* spp. or cabbage palms.

Geographically, TPPD is limited presently to west-central Florida. A map indicting the known distribution of the disease is available on the Florida Department of Plant Industry (DPI) website at [http://www.fl-dpi.com/caps/TPPD\\_maps/TPPD.pdf](http://www.fl-dpi.com/caps/TPPD_maps/TPPD.pdf). The map illustrates those counties in which the disease has been identified and the palm species in which the disease has been confirmed in each county by UF-IFAS and DPI scientists. Thus not every individual case of TPPD is indicated on the map. Although TPPD has been confirmed in both Lake and Duval counties, these isolated cases were attributed to movement of infected, albeit symptomless, palms for transplantation into recent landscape development projects.

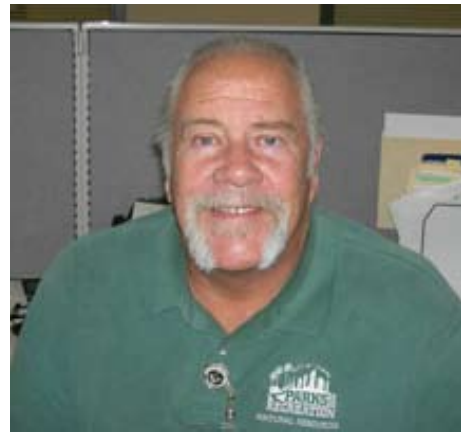
Palm phytoplasma diseases are transmitted in nature only by their sap-feeding insect vectors. The diseases cannot be spread by pruning tools, chain saws, in soil, or by any other horticultural practice commonly associated with palm care. The insect that vectors TPPD is not yet known, but is expected to be either a leafhopper or planthopper, as these two groups of insects are the most common vectors of other phytoplasma diseases.

Symptoms of TPPD are described in detail in a UF-IFAS Extension document located at <http://edis.ifas.ufl.edu/pp163>. The most reliable diagnostic symptom is death of the spear (newest) leaf. On *Phoenix* spp. this symptom occurs shortly after the onset of foliar discoloration, which begins with the oldest (lowermost) leaves. By comparison, spear mortality is not usually evident on cabbage palms until the foliar discoloration phase is quite pronounced. Unfortunately, death of the spear leaf is often difficult to confirm on tall palms without the use of a ladder or bucket truck.



# A Message From the President

Sometimes the hardest thing to do is take that first step into unknown. I took that step eight years ago when I joined the Florida Chapter Board of Directors. As often happens all good things must come to an end; my term as your president is up in January. It has been a privilege and an honor to serve the Florida membership. I have made many new friends and had lots of great experiences. I leave knowing that the Chapter is in very capable hands with president elect Don Winsett.



David Reilly, President, Florida Chapter ISA

As I reflect on this past year I wonder, how did I get here? When I graduated forestry school way back in 1978 I had not heard of Arboriculture, Urban Forestry or the ISA. I remember just before

graduation Davey Tree was coming to the school for recruitment purposes. The school showed us a short film on the company. I also remember thinking those guys are nuts climbing around in trees with ropes and chainsaws. Little did I know that I was going to be one of those nuts and make a living for 15 years as a tree climber. The point I am trying to make is when opportunities to step out of our comfort zone arise, take them. Sometimes we just need enough trust in ourselves to take that step. And as you step out of your comfort zone more and more you find it easier to do. If you are the quiet type, make that extra effort to meet and talk to someone new at the next seminar. If you are afraid of speaking in public, make an effort to speak at the next neighborhood association's meeting. If you make a mistake keep trying. Sooner or later you will master whatever you set your sights on.

I encourage all members to get to know the Board of Directors. They are your representatives and they need

your input on ways to make this Chapter even better. Try to make at least one of the board meetings. And most of all vote during the election.

We recently ran into a little snag with the Distance learning Program but have worked those issues out. We have kept the membership dues at \$30 which is the lowest for all the U.S. chapters. I would like to thank all the Boards members for their support this past year and a special thanks to the staff that work so tirelessly making this one of the best Chapters in the world. I hope the coming year brings all our members success and happiness. So for now I say so long and hope to see you soon.

*David Reilly*



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# MAKING THE CUT

Author: Dr. Ed Gilman

Arborists and others wonder whether a stub several feet long should be left on certain large removal cuts so the tree can eventually form a visible collar on the dying or dead stub. This could make it easier to locate the correct position for making the final cut on the trunk perhaps several years later. There are few research-based guidelines. One older study on oaks showed that stubs 3 feet long died back to the trunk five years later but no mention was made of the shape of the collar (Elmer and Hepting 1943). Old trees react and grow slowly so collar

development around the base of a large stub could take many years to develop, if at all. Even if leaving a stub was found to be a reliable method of locating the position of the final cut, it might be too much to expect arborists to routinely return to make the final removal cut. I also wonder about setting the arboriculture profession back if arborists begin leaving stubs on trees. Another factor to consider is that a protective reaction zone(s) can form in the stub base some distance out from the trunk. Cutting through or behind this a few years later may open the tree to more decay than if the tree was allowed to react to a traditional removal cut made back to the trunk. ❖



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*Caring for Palms continued from page 1*

TPPD is a lethal disease, but it can be prevented by treating palms with oxytetracycline (OTC) antibiotic. While the antibiotic can be administered to a symptomatic palm confirmed with TPPD, OTC therapy is only effective if the spear leaf is still alive and less than 25% of leaves are discolored. It should be understood in these cases where palms have already contracted the disease that OTC treatments are not capable of curing the palm. However, infection is reduced to a sufficiently low level that the palm is able to resume normal growth.

The following points should be considered when making the decision to treat palms preventively for TPPD with OTC.

- Are there susceptible palms in the landscape of interest? Not all palm species appear to be susceptible to the disease. So far, only the palm species listed previously are considered susceptible, as these are the only palm species in which the phytoplasma has been documented. Therefore, these are the only palms that should be considered for preventive OTC treatment.
- Has TPPD been diagnosed in your community or neighborhood? As the TPPD phytoplasma is transmitted by an airborne insect, the disease characteristically starts in one location on one or a few palms, then spreads from that point outward to adjacent palms and then eventu-

ally jumps to another area. If your neighbor has the disease, your susceptible palms should be considered vulnerable to attack. Susceptible palms five miles away are less vulnerable, but are not necessarily risk free.

- How aesthetically valuable are any of the susceptible palm species to your landscape? Are these palms located in an area that will be easy to access should they die? Removing a large *Phoenix* palm from the backyard, perhaps by a pool, can be an expensive and potentially daunting task. Will you want to or need to replace the dead palm with another of the same species and size?

Much of what we project about the future impact of TPPD is based on observations and results regarding lethal yellowing (LY) disease, another palm phytoplasma disease that has been active in parts of southern Florida for over 30 years. Extensive research conducted on LY by UF-IFAS researchers determined which antibiotic was most useful for managing the disease, its proper dosage, application interval, and most appropriate delivery method.

Based on this research, oxytetracycline was shown to be the best antibiotic when administered at a dosage of 1-3 grams active ingredient every 3 to 4 months via trunk injection. Because palms are monocots, the antibiotic can be effectively delivered

*Caring for Palms continued on page 8*



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With the devastation to trees in Florida by hurricanes, storms and fires, millions of dollars in valuable tree resources have been lost, particularly within the past several years. Jointly, the Florida Urban Forestry Council (FUFC) and the Florida Chapter of the International Society of Arboriculture (FC-ISA) developed the Trees-4Florida program which focuses on making the public more aware of the need to be vigilant in safeguarding our trees and preserving Florida's greatest green resource.

The Trees 4 Florida program has produced a variety of Public Service Announcements (PSAs) available for anyone to free of charge. Included in the campaign are English and Spanish print-quality and broadcast-quality PSA ads and spots. Include them on your website, flyers or any promotional material.

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*Caring for Palms continued from page 6*

to palms via only one injection point anywhere on the trunk to obtain an even distribution of the antibiotic throughout the palm canopy. Tetracycline antibiotics are effective against all phytoplasma diseases. Because TPPD and LY are very similar diseases and, as TPPD phytoplasma is closely related genetically to the LY phytoplasma (they belong to the same group of strains), current recommendations for control of TPPD are the same as those for LY.

There are several commercially available OTC products, each provided at different dosages and with different injection systems. Therefore, it is important to consider what is required in order to deliver the appropriate OTC dosage to palms. For example, if a *P. canariensis* (Canary Island date palm) with a 36 inch circumference trunk is to be treated with the Mycoject® Ultra system from J. J. Mauget Co. will require you to drill six injection points every time you apply the required amount of material. Likewise, Bacastat™ marketed by Rainbow Treecare Scientific Advancements will also require six injection points. The OTC Tree Saver Injection Formula marketed by Tree Saver® requires only a single injection hole, and the same hole can be used for two successive applications at 3-4 month intervals before a new injection site is needed. Since wounds to palms do not heal, the holes made for OTC injections are permanent. The

Tree Saver OTC formulation and delivery system was specifically developed for use on palms in Florida, whereas the other two materials can be used to treat bacterial diseases of hardwood (dicot) trees, which do require even distribution of injection sites around the trunk.

Once the decision has been made to treat susceptible palms with OTC, the next question that is always asked is “How long do I have to treat the palm?” In general, as long as the disease is active in the community, the palm should continue to be treated. Phytoplasma diseases never permanently disappear. However, they are often cyclic in activity, meaning they will cause extensive disease for awhile, then the number of further cases will eventually dwindle to zero, only to reappear at some future date. Unfortunately, there are no exact times that can be provided for each phase.

OTC therapy alone does not guarantee that treated palms will be protected from disease for their entire lifespan as there are other lethal diseases and disorders that affect palms in Florida. Therefore, it is important not to focus all of your attention on just management of TPPD. Rather, maintaining the overall health of the palm is just as critical. ❖



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## Trees Florida Timeline Explained

It may just be the beginning of winter but the Trees Florida Committee, the Florida Chapter board and the Florida Chapter office staff are already busy planning for the Chapter's annual event held during the summer months, the Trees Florida Conference and Trade Show. Perhaps not everyone knows why, or even wonders why the Trees Florida event is scheduled each year for early June. Believe it or not, the schedule established years ago revolves around the weather, the weather, and the weather.

While attempting to provide members and certified arborists with excellent educational programming combined with a diverse trade show in a most economical package as possible, past Trees Florida Committees realized that holding the conference during the height of Florida tourist season would not be possible; the high-season prices of hotel and conference facilities would make the conference pricing economically impossible for many, both in the private industry as well as in the public sector. The Committee then focused on the non-snowbird time of the year but also realized that the typically active hurricane months of (mainly) August through October would not make good choices either. Last but not least, the Florida Chapter likes to welcome the families of Trees Florida

participants to destinations that are conducive to family vacations, therefore the school calendar plays a part in the scheduling of the conference. With families in mind, the Chapter also adopted the decision to avoid holding it over the Father's Day weekend.

As you can see, the window of opportunity for hosting Trees Florida becomes more and more limited. The most logical time of year to hold the Trees Florida Conference and Trade Show therefore narrows down to early June.

So plan ahead, mark your calendars, talk to your family. This year we hope to see you June 12-14 in Jacksonville! ❖

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The following article is provided in English and Spanish

## Green House Gas Mitigation by Urban Forests:

### Not all urban trees are the same

*Mark Hostetler, Assoc. Prof., Wildlife Ecology and Conservation; Francisco Escobedo, Asst. Prof., School of Forest Resources and Conservation, University of Florida, Gainesville and Henry Mayer, Miami Dade IFAS Extension Agent and ISA Hispanic Committee.*

Existing and proposed policies and management goals throughout Florida are often including urban trees as part of a strategy to mitigate green house gas emissions such as carbon dioxide. Urban forests can reduce atmospheric carbon dioxide (CO<sub>2</sub>) through growth and decreasing building cooling demand by shading, evaporation, and transpiration; thereby reducing CO<sub>2</sub> emissions associated with fossil fuel use in energy production. However, urban forests can also emit CO<sub>2</sub> in the form of tree maintenance related activities, decomposition of green waste, and dying trees. In other words, how much CO<sub>2</sub> is taken up by a tree needs to be weighed against how much CO<sub>2</sub> is used to maintain a tree (fossil fuels used to pruning and fertilizing activities) and how much CO<sub>2</sub> that tree gives off in the form of green waste (litter, pruned branches, etc) and once it dies and decomposes (Escobedo et al., 2010).

So, are all types of urban forests equal in terms of their ability to sequester carbon? First, different amounts and types of urban forests (e.g., groups of large healthy trees vs. turf areas with small ornamental trees) will sequester different quantities of CO<sub>2</sub>. Also, the amount of CO<sub>2</sub> that is used to grow and maintain trees or other green spaces and the CO<sub>2</sub> it gives off once it is removed, disposed and decomposes needs to be included. Finally, the amount of CO<sub>2</sub> sequestered and emitted by shrubs and lawns associated with those urban trees needs to be accounted for.

We used a series 0.10 acre plots located in different urban forest throughout the state and modeling results for tree carbon sequestration (Escobedo et al., 2010) and estimates of lawn sequestration from various land use types in Florida, including their maintenance emissions, to calculate the amount of sequestration versus emission potential for several representative urban forest 10 acre sites. We only estimated above ground vegetation values while soils and below ground organic matter were not included in our calculations. Also, we did not calculate the impact of built surfaces, just vegetative.

What we found was that highly maintained lawns and trees sequester much less CO<sub>2</sub> than more natural areas with little maintenance. With more lawn cover than tree canopy cover, the balance can actually shift to emitting more CO<sub>2</sub>, such as in

parks that have lots of lawn. The calculations were simplified as we did not add the carbon cost of making and maintaining the power equipment and growing and transporting sod. We also did not calculate the emission of nitrous oxide (N<sub>2</sub>O) from fertilization applications. Urban turf grass typically emits N<sub>2</sub>O after fertilization and/or irrigation. N<sub>2</sub>O has a much worse global warming potential than CO<sub>2</sub> as its heat-absorbing potential is approximately 300 times more- than CO<sub>2</sub>. So by accounting for these factors, city parks with high maintenance requirements might have much larger impacts than we estimate here (<http://edis.ifas.ufl.edu/uw324>).

The take home message is that if urban forests have a large amount of mowed, irrigated, fertilized lawns and pruned shrubs and trees, they can emit more CO<sub>2</sub> than they can sequester! But, less maintained, urban forests with larger, healthier trees, seem to be the best option for CO<sub>2</sub> sequestration. Less maintained urban forests also have other benefits, such as conserving biodiversity, reducing stormwater and other water quality impacts from decreased fertilization applications.



In summary, preserving natural forests and managing for healthy, low maintenance urban forests and open space could play a role in reducing Florida's carbon footprint. But highly

maintained urban greenspace could be regarded as a source of greenhouse gases. In relation to existing and proposed policies such as HB 697 (Florida House Bill 697 requirements to reduce Florida's carbon emissions), these results indicate that if municipalities and developers are to use urban forests and green spaces as CO<sub>2</sub> sinks, they will have to justify the creation of such high-maintenance parks and may have to mitigate their effects.

Adapted from:

Hostetler M. and Escobedo F. 2010. What types of urban greenspace are better for carbon dioxide sequestration? University of Florida- IFAS, EDIS WEC 279. <http://edis.ifas.ufl.edu/uw324>

Escobedo, F, Varela S, Zhao, M, Wagner J, Zipperer W. 2010. Analyzing the efficacy of subtropical urban forests in offsetting carbon emissions from cities. Environmental Science and Policy, 13:362-372. ❖

El siguiente artículo está escrito en Inglés y en Español.

## Bosques urbanos y su efecto de mitigar las emisiones de gases invernadero:

### No todos los árboles urbanos hacen lo mismo.

*Mark Hostetler, Assoc. Prof., Wildlife Ecology and Conservation; Francisco Escobedo, Asst. Prof., School of Forest Resources and Conservation, University of Florida, Gainesville and Henry Mayer, Miami Dade IFAS Extension Agent and ISA Hispanic Committee.*

Políticas ambientales y planes de manejo del Estado de la Florida a menudo incluyen los árboles como parte de una estrategia para mitigar los efectos de emisión de gases de efecto invernadero como el dióxido de carbono ( $\text{CO}_2$ ). Los bosques urbanos pueden reducir el  $\text{CO}_2$  atmosférico a través su crecimiento y al enfriar edificios con su sombra, evaporación, y transpiración; de tal modo reduciendo las emisiones de  $\text{CO}_2$  que se asocian al uso del combustible fósil en la producción de energía. Sin embargo, los bosques urbanos pueden también emitir  $\text{CO}_2$  al llevar a cabo actividades relacionadas con su mantenimiento, con la descomposición de la hojarasca y residuos del árbol, y cuando el árbol se muere. Es decir para verdaderamente determinar cuánto  $\text{CO}_2$  es captado por un árbol, se necesita relacionarse esta cantidad captada contra cuánto  $\text{CO}_2$  se utilizó para mantener ese mismo árbol (combustibles fósiles usados en la poda y la fertilización) y cuánto  $\text{CO}_2$  el árbol emite tomando en cuenta los residuos que se genera (basura, ramas podadas) así como una vez que muere y descompone (Escobedo y otros, 2010).

¿Son todos los tipos de bosques urbanos iguales en términos de su capacidad de captar el  $\text{CO}_2$ ? Primero, las diversas cantidades y tipos de bosques urbanos (e.g., grupos de árboles sanos y grandes contra áreas de césped con pequeños árboles ornamentales) secuestrarán diferentes cantidades de  $\text{CO}_2$ . También, la cantidad de  $\text{CO}_2$  que se utilice para crecer y mantener los árboles u otros espacios verdes y el  $\text{CO}_2$  que emiten cuando se remueven y descomponen necesitan ser incluidas. Finalmente, también la cantidad de  $\text{CO}_2$  secuestrada y emitida por los arbustos y el césped asociados a esos árboles necesita ser tomada en cuenta.

Utilizamos sitios de 0.10 acres situados en diversos bosques urbanos a través del estado y modelos matemáticos para estimar la captación  $\text{CO}_2$  por parte del árbol (Escobedo y otros, 2010). También se estimó el secuestro de  $\text{CO}_2$  por parte del césped según el tipo de uso de la tierra en la Florida, incluyendo las emisiones de  $\text{CO}_2$  por el mantenimiento, para calcular las cantidades secuestradas contra las emitidas para varios bosques urbanos representativos de lotes de 10 acres. Solo estimamos valores para

la vegetación situada sobre la tierra, en tanto que los suelos y la materia orgánica subterránea no fueron incluidos en nuestros cálculos. Tampoco calculamos el impacto de otras superficies urbanas que no sea vegetativa.

Encontramos que los céspedes y los árboles altamente mantenidos secuestran mucho menos  $\text{CO}_2$  que áreas más naturales con poco mantenimiento. En lugares con más césped que cubierta de árboles, el equilibrio puede cambiar y emitir más  $\text{CO}_2$ , por ejemplo en los parques que tienen mayores áreas de césped. Los cálculos fueron simplificados pues no agregamos el costo del  $\text{CO}_2$  de fabricar y mantener las maquinas usadas al cortar el césped así como en el costo de  $\text{CO}_2$  para crecer el césped y su transporte. Tampoco calculamos la emisión del óxido nitroso ( $\text{N}_2\text{O}$ ) debido a la fertilización. Óxido nitroso es peor para el efecto invernadero ya que el  $\text{N}_2\text{O}$  puede absorber 300 veces más radiación que el  $\text{CO}_2$ . En fin, sin darnos cuenta los parques de las ciudades con alto mantenimiento pueden tener impactos mucho más grandes que los estimamos aquí (<http://edis.ifas.ufl.edu/uw324>).

Es decir, si los bosques urbanos tienen una gran cantidad de céspedes que requieren un alto mantenimiento, que son segados, irrigados, y fertilizados a menudo; y que tienen arbustos y árboles que requieren podas muy frecuentes, ¡Pueden emitir más  $\text{CO}_2$  que lo que secuestran! Pero, los bosques con menor mantenimiento, con árboles más grandes, y más sanos, parecen ser la mejor opción para secuestrar  $\text{CO}_2$ . Menos mantenimiento de los bosques urbanos también tiene otras ventajas, tales como aumentar la biodiversidad, reducen la escorrentía por la precipitación excesiva y disminuyen la contaminación del agua por el uso excesivo de los fertilizantes.).



En resumen, conservando los bosques naturales y un plan de manejo apropiado para mantener los árboles sanos, pueden desempeñar un papel

importante en la reducción de las emisiones del  $\text{CO}_2$  en la Florida. Sin embargo áreas verdes altamente mantenidas pueden ser fuente de gases de efecto invernadero. Estos resultados indican que si ciudades, municipios, y constructores quieren utilizar los bosques urbanos y espacios verdes para reducir las emisiones de  $\text{CO}_2$ , tendrán que justificar la creación de parques que requieren alto-mantenimiento así como mitigar sus efectos.

Adapted from:

Hostetler M. and Escobedo F. 2010. What types of urban greenspace are better for carbon dioxide sequestration? University of Florida- IFAS, EDIS WEC 279. <http://edis.ifas.ufl.edu/uw324>

Escobedo, F, Varela S, Zhao, M, Wagner J, Zipperer W. 2010.

Analyzing the efficacy of subtropical urban forests in offsetting carbon emissions from cities. Environmental Science and Policy, 13:362-372. ❖



Board approval is pending for the sites for the 2011 Workday recipients; recipients are expected to be approved at the December 9, 2010 Florida Chapter board meeting. Just two recipient applications were received for the 2011 event:

- [Nerhling Gardens, Gotha, Florida](#)
- and [Mounts Botanical Garden, West Palm Beach, Florida](#)

Once approved, both events will be scheduled for the second Saturday of February (February 12, 2011). The next step will then be planning each event and identifying volunteers interested in participating. Workday Committee members ([Lee Mackin](#) - Central, [Kris Stultz](#) - South and [Bill Slaymaker](#) - Chair) will also be meeting with the recipients to identify what work they are looking to accomplish and to assess how the Florida Chapter membership can best help. If you or your company are interested in participating or would like more details please contact the chapter office or one of the Workday Committee members listed above. The volunteer form is available at [floridaisa.org](http://floridaisa.org). In recent years the Work Day has been a big success. All who participated were very excited about

helping and having a positive impact in their community. Volunteers also enjoyed getting the opportunity to work together with other professional arborists.

We would also like to encourage all members to reach out to your local non-profits in need of professional tree care. We need to make them aware of the volunteer work of our membership and get them to fill out and submit an [application](#) (*available at [floridaisa.org](http://floridaisa.org)*) for the workday in 2012. The Chapter will be accepting applications for 2012 through August 15, 2011. The workday committee will then review and make its recommendation to the Florida Chapter Board by the fall. Selections will be made at that time and event preparation will begin. REMEMBER an [application](#) must be submitted to be considered for a workday event. I am sure we all know of needy, non-profit organizations in our local areas that do not have the ways and means to care for their trees and landscape. Please take the time to reach out to them. This may be the perfect opportunity to encourage professional tree care in your community and to assist organizations in need of help.

- REACH OUT and encourage local non profits to submit their applications for 2012!
- MARK your calendars for Saturday February 12, 2011 and join the volunteers making a difference!!
- EMAIL your Workday Committee Representative now to participate in the upcoming event!

Thank you. ❖



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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.

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# Watch for Your 2011 Ballot!

2011 Ballots will be mailed out soon to all current Florida Chapter ISA members. Make sure to take the time to review the candidates and cast your vote for new board members for the upcoming year.



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# TREE Fund Update



## TREE FUND Liaison Update

As the Florida Chapter's current Liaison to the TREE Fund I thought it would be good to bring the membership up to date on what's happening at the TREE Fund and with Tour des Trees. Please make sure to read my accompanying letter thanking the Chapter for their approval to support riders in the Tour des Trees; I am here to tell you how welcome the support from the Chapter is to the TREE Fund. The Florida Chapter Board is to be applauded for their commitment, and I thank them sincerely.

Next year will be a departure from the normal scheduling of events regarding the Tour des Trees, and the ISA International Conference. The Conference and the Tour des Trees will be held in Australia. As much as I hate to miss it this rider cannot afford going there and so an unbroken line of 14 Tours would seem to be at an end.

But not all is not lost. There will be a state-side Tour des Trees in October 2011 taking place in the Mid-Atlantic Chapter in lock-step with their annual conference. After a departure from Virginia Beach (home of STIHL – the signatory sponsor of the Tour for the past two years) we will ride into Washington D.C. The days following will find us winding our way into Williamsburg, Virginia (where the 2000 Tour began). The annual ISA International Conference will also have a state-side counterpart, the North American Tree Conference which will be held in Savannah, GA next February.

One of the duties of the Liaison is to encourage the Chapter to pledge to reach one of the three donation levels of Chapter Challenge. The Florida Chapter missed the Bronze Level this year - but not by much. Hopefully our Chapter can achieve one of the three levels (Bronze, Gold, or Platinum) and join the elite ranks of Chapters that meet the Challenge in 2011.

In Orlando, as a fund raising event, we are planning to hold a 5K Run. It could potentially raise thousands of

dollars. The registration fee minus the administration fee (the run will be promoted and administered by a local running group) equals the net funds; which will go to the TREE Fund under the Florida Chapter's name. These 5K runs are enormously popular and attendance by several hundred runners is routine. With registration fees of \$10-20, the motive is obvious. Details of the event will be provided as everything gets finalized.

I will be attending the Liaison Meeting in Naperville, Illinois on the 4<sup>th</sup> and 5<sup>th</sup> of November; and will report on the proceedings when I return.

Please contact me with any questions you may have.

Andrew F Kittsley

407-246-2701 office

[andy.kittsley@cityoforlando.net](mailto:andy.kittsley@cityoforlando.net) ❖

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**Quarter Page - \$150/issue**

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**Additional links are \$25/link per issue.**

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## RIDE, RIDE, RIDE FOR RESEARCH

Dear Florida Chapter Board of Directors, Executive Director and Staff, and Florida Chapter Members:

I want to take some of your time to **Thank You** for the support you approved to provide to the Tour des Trees riders this year. Although I was the only rider in the STIHL Tour des Trees 2010 from the Florida Chapter, the very generous offer to help any other riders from the Chapter still resonates.



Raising the \$3500 Tour entry fee each year has gotten tougher in the last two years. Donors who have given support to my ride for 14 years were hard pressed to meet the levels of donation of years before.

And 2010 was shaping up to be a repeat, until the board meeting on February 12.

Arranged by Tammy Kovar, the TREE Fund's Mary DiCarlo, Fund Development Specialist, came down to give a presentation to the Board about the TREE Fund. Mary received a very warm reception. She has mentioned to me how welcomed she felt and I want to thank the Board for that.

The upshot of this meeting was the Board's vote to support Florida Chapter Tour Riders in their fund raising efforts (*Ed Note: The board approved contributing \$1000 toward Andy's 2010 Stihl Tour des Trees ride; there were no other riders in 2010*). The other great outcome was the vote to fund a TREE Fund Auction item annually for \$1500. The Auction is a traditional event on the night before the International Conference opens, and raises a lot of money for the TREE Fund (\$87,000 this year). Auctioned items may easily double the Chapter's investment; the interest in the list of items in the auction is enhanced by variety; and the presence of the Florida Chapter in the Auction and at the International Conference is undeniable, and positive.

I have, as most of you know, ridden every tour since Florida formed its Chapter in 1997. I have ridden more Tours than anyone else, and more consecutive tours than anyone ever. I do it for personal reasons (keeps me in shape) and for professional reasons (to support tree research for Professors

like Dr. Ed Gilman, and Scientists like Dr Rich Beeson). We have all benefited from their work and from dozens more like them. They have taught us how to better care for our trees, and why. Their research takes money. That money comes from the TREE Fund, raised by numb-skull bike riders like me, donated by generous friends like you and supported by progressive Chapters like ours.

Again I want to offer my thanks to our Florida Chapter's Board of Directors for voting to support the Chapter's Tour riders. Hopefully next year we will have enough riders to call ourselves "Team Florida".

Anyone interested in riding next year (the ride will be in the mid Atlantic area - starting in Virginia Beach, Va., looping through the Appalachians and ending in Washington, D.C. - October 2-8, 2011) please feel free to contact me with any questions you may have.

I love the Tour. Come ride it once, you'll see why.

Andy Kittsley  
 TREE Fund Liaison  
 Tour des Trees Rider ❖



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**The Grove** is a social networking web site developed to bring tree and nature enthusiasts together to share their stories of how families create legacies through tree plantings. The site raises awareness of the benefits of planting trees in urban environments and serves as a community forum for like-minded people who believe in creating a sustainable legacy.

The Florida Urban Forestry Council would like to personally invite you to create a free profile on The Grove web site. Becoming a member of The Grove enables you to upload photos of trees you have planted with family members and friends in “grove” photo albums, as well as interact with other people who share your interests.

**The Grove** also features a blog that provides tips on tree

planting, the latest news in urban forestry, photo contests, as well as many other interesting activities. Be sure to join the Florida group in the community so you can find out about upcoming events and activities in your area.

**There is no cost to join!  
Joining is as easy as 1, 2, 3**

1. From the Home page of the FUFUC website, scroll down halfway and click on “The Grove” link in the “Quick Links” section on the left side of the screen.
2. The Florida Grove page will appear. In the gray box on the right side of the screen, click on the “Sign Up” link.
3. After you have joined and created your page, click on the “Florida Grove” button located under “Groups.” Click on the “+ Join Florida Grove Group” located in the top right corner under the main photo.

But don’t stop there! Share this with friends and family and ask them to join also. Together, we can ensure our state’s citizens take part in sustaining the future by leaving personal family legacies around trees. On behalf of the Florida Urban Forestry Council and The Florida Grove, thank you for your support! ❖

<http://thegrove.americangrove.org/group/floridagrove>



**Consider a great gift and a great cause  
all wrapped up in one great package!**

A perfect holiday gift... purchase a TreesAreCool license plate gift certificate for any of those 'hard-to-buy-for' friends and relatives. Visit your local motor vehicle office to purchase your gift certificate; a receipt will be provided and a credit will be issued in the name of the gift recipient which can then be redeemed when that person goes in to purchase their TreesAreCool plate.

Go online for more information: <http://www.flhsmv.gov/specialtytags/slpgift.html>

Your recipient can proudly show the world that they think 'green' and the license plate revenues benefit our urban environment in Florida through tree research and education about tree care and preservation.

# CALLING ALL CLIMBERS!

## 2011 FLORIDA CHAPTER ISA'S TREE CLIMBING COMPETITION

**FLORIDA CHAPTER**



Greetings to all professional tree climbers, workers, and company owners within the Arboricultural community of Florida. The 2011 Florida Chapter ISA's Tree Climbing Competition Committee would like to announce the 2011 Florida Chapter TCC. This year's event will be held in the Jacksonville area at Losco Regional Park, Saturday **March 19th, 2011**. Site preparation is slated for Thursday March 17th and for the second year in a row, there is an educational program offering CEUs scheduled for Friday March 18th for participating climbers and volunteers (space may be limited).

The Florida Tree Climbing Committee officially invites all interested climbers to compete for the 2011 FC-TCC; the Master Challenge winner(s) (male and female) will represent our Chapter at the International Tree Climbing Championship which is taking place July 23 & 24, 2011

in Parramatta, Australia. This is an excellent opportunity to learn modern climbing techniques and display your abilities. Please submit your entry early to ensure a spot on this year's roster; **SPACE IS LIMITED TO 30 CLIMBERS**. There may be out-of-state competitors attending this year so do not delay!

**FTCC Co-Chairman:**

Adam Jackson, E-mail [Ajackson@valleycrest.com](mailto:Ajackson@valleycrest.com)

**FTCC Head Judge:**

Scotty Olson, E-mail [Solson@cfl.rr.com](mailto:Solson@cfl.rr.com)

**FTCC Setup Chair:**

Danae Jackson, E-mail [danaejackson@gmail.com](mailto:danaejackson@gmail.com)

**FTCC Organization Chair:**

Kim Paulson, E-mail [hortensia6@aol.com](mailto:hortensia6@aol.com)

Please contact the above listed Committee members or the Florida Chapter directly if you are planning on attending or would like to contribute to a great and exciting event. We all look forward to seeing Florida's best compete for the right to represent our Chapter in Australia, July 2011.

SITE:	Losco Regional Park 10851 Hood Road S. Jacksonville, FL 32258
1/2 DAY CLASS	Friday, March 18, 2011 (limited to competitors and volunteers)
COMPETITION:	Saturday, March 19, 2011
FEE:	\$75.00 ISA Member \$85.00 Non-Member
DEADLINE:	March 5, 2011 - No Exceptions
FORMS:	<a href="#">Click here</a> to access the climber registration form <a href="#">Click here</a> to access the climber waiver form
MAIL REGISTRATION FORM, WAIVER FORM & PAYMENT TO:	Florida Chapter ISA 7853 S. Leewynn Court Sarasota, FL 34240 (make checks payable to Florida Chapter ISA)



**CALLING ALL JUDGES!  
CALLING ALL VOLUNTEERS!  
CALLING ALL SPONSORS!**

The Florida Chapter Tree Climbing Championship Committee welcomes all volunteers in helping make the 2011 event a success!

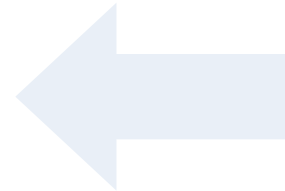
Volunteers can help with judging, site preparation or planning. An on-site pruning day is scheduled for Saturday February 5, 2011 and the final on-site preparation is scheduled for Thursday March 17, 2011 at Losco Regional Park in Jacksonville. Volunteers are eligible to attend the educational program scheduled on Friday March 18, 2011; make sure to mark your form if you would like to attend!

Sponsors can send in participant give-aways, equipment, or money.

[Click here to access the volunteer registration form](#)

[Click here to access the volunteer waiver form](#)

[Click here to access the sponsor form](#)



Return completed forms to: Florida Chapter ISA - 7853 S. Leewynn Court - Sarasota, FL 34240

## 2011 TREE CLIMBING CHAMPIONSHIP PRIZE PACKAGE

The 2011 ArborMaster® Climbing Prize Package for the Florida Chapter Tree Climbing Champions, in conjunction with the Chapter's 2011 Tree Climbing Championship (FC-TCC) event will be announced in January.

This prize package will be offered to each chapter champion (male and female)!

The package is intended to help equip the chapter winner(s) for the International Tree Climbing Championship (ITCC) Competition in Australia in July 2011.

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## News From International



### CERTIFICATION: Computer Based Testing

The ISA Certified Arborist exam is now available (for the first time) at Pearson Testing Centers throughout Florida for the convenience of those who cannot travel to a Florida Chapter exam. The fee for taking the exam at your local Pearson Center is an additional \$100. [Click Here](#) to find a Pearson Testing Center near you.



### Currently Accepting Membership for 2011

ISA Chapters are your best link to local issues and networks, while ISA Headquarters provides globally recognized programs and benefits. Working together, the headquarters office and local chapters are coordinating the renewal process for the 2011 member year. Please renew now for 2011. Your on-going member support makes a difference!

### NEW INTERNATIONAL ISA WEBSITE UN- VEILED... Stop On By To Check It Out!

In October, ISA launched a new website with improved navigation and new features. [Click Here](#) to visit and tell ISA Headquarters what you think of the improvements!

The new website features an important new benefit to members – the ‘Ask-a-BCMA Knowledge Center’. This specialized discussion forum is an exclusive members-only feature that will allow members to post technical questions to a panel of experts. Board-Certified Master Arborists will review posted questions and provide their expert opinions related to tree care, diagnosis and other technical topics.



### TreesAreGood.org Public Service Announcement Airs

On October 1, 2010, ISA’s public outreach arm, [www.TreesAreGood.org](http://www.TreesAreGood.org), launched a national advertising campaign to educate consumers about the need for and value of professional tree care. A 30-second public service announcement will air on more than 140 television stations across the U.S. during each new episode of *Nosak Raw*, a reality television series that follows Paul Nosak and his crew as they complete tree removals in the Tulsa, Oklahoma area. ISA’s goal is to generate public awareness regarding safe and reliable methods of caring for the trees at their homes and businesses. We want to educate consumers about how avoid tree removals through proper tree care and maintenance provided by ISA Certified Arborists. The 30-second advertisement will be posted on [www.TreesAreGood.org](http://www.TreesAreGood.org). Chapters may request a copy of the advertisement to post on their websites or run on any of their local television stations.

Check local listings or call the ISA office to find out when the new [TreesAreGood.org](http://www.TreesAreGood.org) public service announcement will air on a station in your area.



### 2011 ISA Annual Conference and Trade Show

Mark your calendar now and save the date for the 2011 Annual Conference and Trade Show, held in Sydney, Australia on July 23-27, 2011. ISA is excited to travel to Australia for the conference and we hope that you’ll make plans to join us down under.





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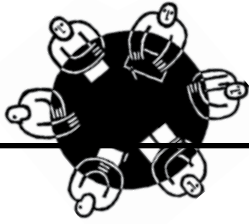
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# Florida Chapter Board Updates

## BOARD SHORTS:

### Trees Florida is now on Facebook!



The new Trees Florida Facebook page is a great way to find up-to-date information for the Trees Florida 2011 Conference and Trade Show [Join us on Facebook!](#) ❖



### Florida Chapter Membership Rate

At the September 10, 2010 Florida Chapter ISA Board of Directors meeting, the board approved keeping the membership for the Florida Chapter the same rate of

\$30 per year. This rate has been in effect for many years and the directors expressed the importance of keeping membership as affordable as possible particularly in this trying economy. ❖



### Florida Chapter Board of Directors Meeting

The date of the last Board of Directors meeting has been changed to Thursday, December 9, 2010 due to a schedule conflict. The meeting will still be held in Orlando at the FNGLA offices. Members are always welcome to attend any of the Florida Chapter board meetings; make sure to contact Norm Easey at [floridaisa@aol.com](mailto:floridaisa@aol.com) if you plan to attend. ❖



With Florida's unique environment, extra attention must be paid to preserving our natural resources, especially our trees. By purchasing a TreesAreCool license plate you help underwrite programs that directly benefit trees of Florida which help keep our state the uniquely beautiful place we all call home.

Healthy trees benefit wildlife, increase property values and help cool and clean the air. The Florida Chapter of the International Society of Arboriculture, a non-profit organization, is committed to serving the needs of Florida's professional arborists and tree-care consumers. The TreesAreCool license plate revenues benefit our urban environment of Florida through tree research, the on-going education of tree-care practitioners, and by providing public education programs about tree care and preservation.



You do not need to wait for your current plate to expire. Do your part and order your TreesAreCool plate today!



#### How to Order Your TreesAreCool Specialty Plate

**In person:** You can select and pay for your TreesAreCool specialty license plate in person at your county tax collector office.

**By mail:** Complete and return this form with your vehicle registration renewal notice and a check for an additional \$58 (\$25 annual donation, \$5 annual state fee and a one-time new plate fee of \$28). If your renewal notice indicates that it is time to replace your license plate, do not include the \$28 new plate fee.

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Address: \_\_\_\_\_  
City: \_\_\_\_\_ Zip Code: \_\_\_\_\_

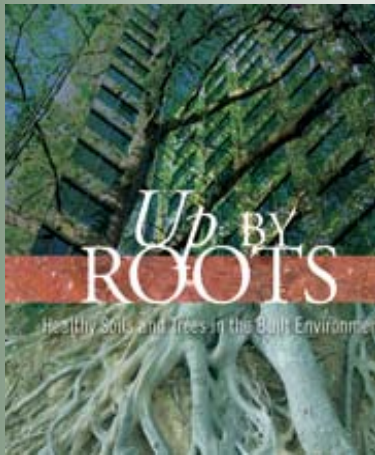
The TreesAreCool program is administered by the Florida Chapter of the International Society of Arboriculture (ISA).

COMING SOON:  
a Florida Chapter ISA Premium Seminar

# Up BY ROOTS

with James Urban,  
Landscape Architect Fellow

## HEALTHY SOILS AND TREES IN THE BUILT ENVIRONMENT



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

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

### 2010-2011 Grower Members

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

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

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

**Quality Trees and Shrubs**  
Leesburg/352-257-2080

**Cannon Trees, Inc.**  
Brooksville/352-279-9709

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

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

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

**Huntsman Tree Supplier**  
Brooksville/352-754-5295

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

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

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

### Supporting Members

*John Deere Landscapes | 941-737-2305*

### Associate Members

**Cherokee Manufacturing**  
**General Cordage**  
**Graco Fertilizer Company**  
**Grass Roots Nurseries**

**Griffin Trees, Inc**  
**JaMar Group, Inc**  
**Jack Siebenthaler**  
**Treemart**

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

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

## 2010 Certification Exam Schedule

The FLORIDA CHAPTER of ISA is pleased to announce our revised  
2010 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
Nov. 20 2010	Certified Arborist Exam	Hillsborough IFAS 5339 CR 579 Sefner, FL 33584	7:30 AM to Noon	Rob Northrup and Richard Bailey	Minimum 12 business days prior	\$150/ \$250
Dec. 11 2010	Certified Arborist Exam	pTEC 901 34th Street S. St. Petersburg, FL 33711	8:00 a.m. to Noon	Norm Easey and Glenn Duncan	Minimum 12 business days prior	\$150/ \$250
Dec. 18 2010	Tree Worker Spl	Mead Garden 1300 S Denning Winter Park FL	9:00 a.m.	Doug LaFortune, Scotty Olson, Richard Cervi	Minimum 12 business days prior	\$115/ \$165
Jan. 20 2011	Certified Arborist Exam	Windermere Town Square 520 Main St. Windermere FL	noon to 4:00p	Richard Cervi and Deborah Rothwell	Minimum 12 business days prior	\$150/ \$250

This schedule is subject to change as additional tests and review sessions may be added. Visit [www.floridaisa.org](http://www.floridaisa.org) for updates.

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 fax an order form to 941-342-0463.

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). First-time applicants can apply online at [www.isa-arbor.com](http://www.isa-arbor.com).

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

### **Florida Chapter ISA - 2010 Education Schedule**

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

Date	Seminar/Class	Location (s)	Open for Registration
January 2011	Trees and the Law	Tampa, Ft. Lauderdale	
February 2011	Up By Roots with Jim Urban	Miami	
March 2011	Tree Preservation	Plant City, West Palm Beach	
April 2011	Sustainable Landscapes	Sarasota, Ft. Lauderdale	
April 2011	Arborist Safety	Sarsota	
June 2011	TREES FLORIDA	Jacksonville	



# Welcome!

## New Florida Chapter Members

Here are the individuals that joined the Florida Chapter during the of the third quarter of 2010. 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.

First Name	Last Name	City	State	First Name	Last Name	City	State
David	Bradford	PENSACOLA	FL	Betsy	Perretta	SAINT AUGUSTINE	FL
Jeremy	Browne	ORLANDO	FL	Marie	Petresky	LUTZ	FL
Thomas	Conrad	OCALA	FL	Barbara	Popelka	BILLINGS	MT
Scott	Davis	MIAMI SHORES	FL	Elizabeth	Popelka	BILLINGS	MT
Naydu	Glueckert	DEERFIELD BEACH	FL	Marnie	Radebaugh	CLEARWATER	FL
Adam	Jackson	APOPKA	FL	Heather	Shields	NAPLES	FL
Todd	Moerchen	OLDSMAR	FL	Matthew	Tacilauskas	PALM BEACH	FL
Adiel	Montero	HIALEAH	FL	Tom	Yelvington	BILLINGS	MT
Robert	Parsley	MIAMI	FL	Kim	Zimmerman	PLANTATION	FL
Montague	Pereira	ST PETERSBURG	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.

### 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



An invitation to all members  
to attend a  
**Board of Directors Meeting!**  
Call 941-342-0153  
for specific times and locations

## Up-coming 2010 Board Meeting - Dates & Locations

December 9, 2010 - FNGLA office, Orlando

# Arborist Certification Committee Report

*By Norm Easey, Florida Certification Liaison*

There are 3 Florida ISA exams scheduled this winter, the cities include: St. Petersburg, Windermere, and Winter Park. [Click here for the specific dates.](#) The ISA Certified Arborist exam is also now available (for the first time) at Pearson Testing Centers throughout Florida. See the ISA International web site [www.isa-arbor.com](http://www.isa-arbor.com) for more information about the various ISA arborist credentials and how to earn them.

Arborist Certification is still moving ahead worldwide; there are now 25,185 ISA Certified Arborists, 963 ISA Certified Tree Workers, 1587 Utility Specialists, 414 Municipal Specialists and 326 Board Certified Master Arborists. With all credentials' combined, the Florida Chapter currently has 1762 ISA credentialed arborists.

The Florida Chapter would like to congratulate the following 26 Florida individuals for earning their: Arborist and Utility Certification during the third quarter of 2010:

## **Certified Arborist**

Steve Aaron, Tallahassee, FL  
 David Bradford, Pensacola, FL  
 Jamie Deemer, North Fort Myers, FL  
 Chappell Edwin, Pompano Beach, FL  
 Michael Cross, Tallahassee, FL  
 Daniel Fendley, Monticello, FL  
 Justin Hancock, Ocala, FL  
 Kelly Hildebrandt, Coconut Creek, FL  
 Mitchell Matthew, Pompano Beach, FL  
 Steve Palmer, Tallahassee, FL  
 Jason Richardson, Miami, FL  
 Samuel Lansdale, Jacksonville, FL  
 Gasper LoMonaco, Ft. Lauderdale, FL  
 Gozian Yoram, Pembroke Pines, FL  
 Jeff Price, Estero, FL  
 Peter Robau, Princeton, FL  
 Guillermo Salazar, Oakland Park, FL  
 Joseph Shirah, Wellborn, FL  
 Jeremy Smith, Boca Raton, FL  
 Daniel Sorrow, Jacksonville, FL  
 Dennis Spellicy, Inverness, FL  
 Nicholas Spires, Clearwater, FL  
 Eulogio Trujillo, Miami, FL  
 Brian Wester, Clermont, FL  
 Israel Williams, Lake Buena Vista, FL

## **Utility Arborist:**

Kenyon Simon, Sanford, FL



Are you thinking about becoming certified?

[Visit the International ISA website](#)

to access the certification application handbook with further information.

# 2011 FLORIDA CHAPTER TREE CLIMBING CHAMPIONSHIP

MARCH 19, 2011  
 LOSCO REGIONAL PARK  
 10851 HOOD ROAD S.  
 JACKSONVILLE, FL 32258

## SPONSOR FORM



Please PRINT or TYPE:

Name \_\_\_\_\_

Company \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Phone # ( \_\_\_\_\_ ) \_\_\_\_\_ Fax # ( \_\_\_\_\_ ) \_\_\_\_\_

E-Mail Address (for contact and receipt) \_\_\_\_\_

## MONETARY DONATION

- CHECK ENCLOSED (Make out to Florida Chapter ISA)
- CASH ENCLOSED
- CREDIT CARD       VISA       MasterCard       Discover      (Amex no longer accepted)

Card Number \_\_\_\_\_

Exp. Date \_\_\_\_\_ 3 or 4 digit Card Code \_\_\_\_\_

Exact name on card \_\_\_\_\_

Card billing address \_\_\_\_\_

Card billing City/State/Zip \_\_\_\_\_

Your receipt will be emailed to you; please provide an email address above.

### PLEASE SEND THIS MONETARY DONATION FORM WITH YOUR DONATION TO:

BY MAIL: Florida Chapter ISA ♦ 7853 S Leewynn Court ♦ Sarasota, FL 34240  
 BY FAX: 941-342-0463  
 BY EMAIL: flordaisa@comcast.net

## DONATION OF EQUIPMENT, GEAR OR PRIZES

Please describe your donation below. Include a monetary value if you would like a receipt for tax purposes:

\_\_\_\_\_

\_\_\_\_\_

### PLEASE SEND THIS ITEM DONATION FORM WITH YOUR ITEM TO:

BY MAIL, FED EX or UPS: Adam Jackson  
 244 Longhorn Dr.  
 Apopka FL. 32712



## 2011 FLORIDA CHAPTER TREE CLIMBING CHAMPIONSHIP

SATURDAY MARCH 19, 2011  
MANDATORY GEAR CHECK FRIDAY PM MARCH 18, 2011  
LOS CO REGIONAL PARK  
10851 HOOD ROAD SOUTH  
JACKSONVILLE, FL 32258

### JUDGE & VOLUNTEER FORM



Please PRINT or TYPE:

First Name \_\_\_\_\_ Last Name \_\_\_\_\_

Company \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Phone # ( \_\_\_\_\_ ) \_\_\_\_\_ Fax # ( \_\_\_\_\_ ) \_\_\_\_\_

E-mail Address (for contact) \_\_\_\_\_

### OPTIONAL EDUCATIONAL EVENT

The Florida Chapter ISA is planning an optional free half-day educational event for **registered competitors, judges and volunteers** which will offer ISA CEUs. A variety of instructors will be presenting a half-day class at Losco Regional Park on Friday, March 18, 2011. Full details on this educational event are to be announced soon.

**SPACE IS LIMITED TO THE FIRST 50 REGISTERED COMPETITORS AND VOLUNTEERS FOR THIS OPTIONAL EVENT.**

If you register for this class and later find out that you can not attend, please notify us in order to fill your spot from our waiting list. Mark below if you would like to register for this educational event:

- I am volunteering for the 2011 FC-TCC event event (above) and will also attend the half-day class. I understand this is offered on a first-come, first-served basis and submitting my request does not guarantee a spot if the class has already been filled.

### THANK YOU FOR YOUR OFFER TO VOLUNTEER!

I am able to help:

- as a judge
- with site pre-pruning on Saturday, February 5, 2011
- with site preparation on Thursday, March 17, 2011
- with registration
- with timing and record keeping
- with awards
- at the FC-TCC dinner on Saturday, March 19, 2011
- other \_\_\_\_\_

### SUBMIT THIS VOLUNTEER FORM AND THE VOLUNTEER WAIVER FORM TO:

BY MAIL: Florida Chapter ISA • 7853 S Leewynn Court • Sarasota, FL 34240  
BY FAX: 941-342-0463  
BY EMAIL: flordaisa@comcast.net



**FFC-TCC TREE CLIMBING CHAMPIONSHIP  
VOLUNTEER WAIVER FORM**



Volunteer's Name: \_\_\_\_\_

Address: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone: (    ) \_\_\_\_\_ Email: \_\_\_\_\_

Employed by: \_\_\_\_\_

**Waiver and Hold-Harmless by Volunteer**

In consideration of acceptance of my offer to be a volunteer for 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 \_\_\_\_\_ Signature of Volunteer \_\_\_\_\_

**Certification and Waiver by Employer of Volunteer**

I hereby certify that I am the employer or a duly authorized representative of the employer of the above-named individual planning to volunteer at 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):  
\_\_\_\_\_  
\_\_\_\_\_

Dated \_\_\_\_\_

Signature of Employer or Authorized Representative \_\_\_\_\_

**Mail this completed volunteer waiver form along with the volunteer registration form to:  
Florida Chapter ISA ♦ 7853 S Leewynn Court ♦ Sarasota, FL 34240**

# 2011 FLORIDA CHAPTER TREE CLIMBING CHAMPIONSHIP

**SATURDAY MARCH 19, 2011**  
**MANDATORY GEAR CHECK FRIDAY PM MARCH 18, 2011**  
**LOSCO REGIONAL PARK**  
**10851 HOOD ROAD SOUTH**  
**JACKSONVILLE, FL 32258**



## COMPETITION ENTRY FORM

Register early to reserve your spot! **SPACE IS LIMITED TO 30 CLIMBERS!** Please PRINT or TYPE:

First Name \_\_\_\_\_ Last Name \_\_\_\_\_

Company \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Phone # ( \_\_\_\_\_ ) \_\_\_\_\_ Fax # ( \_\_\_\_\_ ) \_\_\_\_\_

E-mail Address (for contact and to send a receipt) \_\_\_\_\_

## OPTIONAL EDUCATIONAL EVENT

The Florida Chapter ISA is planning an optional free half-day educational event for **registered competitors, judges and volunteers** which will offer ISA CEUs. A variety of instructors will be presenting a half-day class at Losco Regional Park on Friday, March 18, 2011. Full details on this educational event are to be announced soon.

**SPACE IS LIMITED TO THE FIRST 50 REGISTERED COMPETITORS AND VOLUNTEERS FOR THIS OPTIONAL EVENT.** If you register for this class and later find out that you can not attend, please notify us in order to fill your spot from our waiting list. Mark below if you would like to register for this educational event:

- I am registering for the 2011 FC-TCC event (above) and will also attend the half-day class. I understand this is offered on a first-come, first-served basis and submitting my request does not guarantee a spot if the class has already been filled.

## REGISTRATION: \$75 - ISA MEMBER OR \$85 - NONMEMBER

AMOUNT:  \$75 - ISA MEMBER (Must provide member #: \_\_\_\_\_)  
 \$85 - NONMEMBER

- CHECK ENCLOSED (Make out to Florida Chapter ISA)
- CASH ENCLOSED
- CREDIT CARD  VISA  MasterCard  Discover (AMEX no longer accepted)

Card Number \_\_\_\_\_

Exp. Date \_\_\_\_\_ 3 digit Card Code \_\_\_\_\_

Exact name on card \_\_\_\_\_

Card billing address \_\_\_\_\_

Card billing City/State/Zip \_\_\_\_\_

## SUBMIT THIS ENTRY FORM, THE COMPETITION WAIVER FORM AND PAYMENT OF \$75 OR \$85 TO:

BY MAIL: Florida Chapter ISA • 7853 S Leewynn Court • Sarasota, FL 34240  
 BY FAX: 941-342-0463  
 BY EMAIL: floridaisa@comcast.net



**FFC/TCC TREE CLIMBING CHAMPIONSHIP  
COMPETITION WAIVER FORM**



Please PRINT Clearly

Contestant's Name: \_\_\_\_\_ Age: \_\_\_\_\_

Address: \_\_\_\_\_ Zip: \_\_\_\_\_

Employed by: \_\_\_\_\_

Phone: ( ) \_\_\_\_\_ Email: \_\_\_\_\_

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 \_\_\_\_\_ 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):

\_\_\_\_\_  
\_\_\_\_\_

Dated \_\_\_\_\_

Signature of Employer or Authorized Representative \_\_\_\_\_

**Mail this completed competition waiver form along with the competition registration form and \$75 fee, to:  
Florida Chapter ISA ♦ 7853 S Leewynn Court ♦ Sarasota, FL 34240**

# International Society of Arboriculture Florida Chapter

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



## Arborist Code of Ethics

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

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

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

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

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

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

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



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