



# LOUISIANA Nursery & Landscape NEWS

LNLA Quarterly Newsletter 2012 Vol. 40

October / November / December 2012

## LOUISIANA NURSERY & LANDSCAPE ASSOCIATION

Invites all Members to Attend the

**Annual Membership Meeting Breakfast & Awards Program**—7:00am to 8:45am, Room 202AB  
& **Hospitality**—5:00pm to 6:30pm, Room 202A

On Thursday, January 17, 2013 - Arthur Outlaw Convention Center - Mobile, Alabama



Ready. Set. Grow.

Grow your business at the 15th annual Gulf States Horticultural Expo



- Keep up with the latest innovations & best practices
- Discover new products and techniques
- Build your professional network

January 16-18, 2013

1 South Water Street • Mobile Outlaw Convention Center  
Mobile, Alabama



# Your business will thrive with a little help from us!



## **FREE**

### **Safety Gear Package offer!**

Our Safety Gear Package comes with Safety Glasses, Posters, First Aid Supplies, and much more!

Contact us and mention you saw this ad and receive your **FREE** Safety Gear Package!

## **Put our expertise to work for you!**

Louisiana Nursery & Landscape Association proudly sponsors Meadowbrook Insurance Group for your workers' compensation needs.

We can assist you with the steps necessary to protect your business and save you money.



**MEADOWBROOK**  
INSURANCE GROUP.

**(800) 726.9006**

[directsales@meadowbrook.com](mailto:directsales@meadowbrook.com)  
[www.wcpolicy.com/lnla](http://www.wcpolicy.com/lnla)



**2012 BOARD OF DIRECTORS & OFFICERS**

**Mission...** To enhance the quality of life for people, conserve and protect the global environment, and promote the professionalism and profitability of the nursery and landscape industry in Louisiana.

**President**  
**Todd Ellefson**  
 Windmill Nursery, LLC  
 PO Box 400  
 Folsom, LA 70437  
 (P) 800.535.1887, (F) 800.370.3854  
 (E) [todd@windmillnurseryllc.com](mailto:todd@windmillnurseryllc.com)

**Vice-President**  
**Gerritt Monk**  
 Forest Hill Nursery Farm, Inc.  
 353 N. Blacktop Extension  
 Oakdale, LA 71463  
 (P) 318.446.2020, (F) 318.748.6276,  
 (E) [gmonk@foresthillsny.com](mailto:gmonk@foresthillsny.com)

**Executive Secretary**  
**Annie Coco**  
 11050 Hwy 441  
 Amite, LA 70422  
 (P) 985.789.4301  
 (E) [acoco@agcenter.lsu.edu](mailto:acoco@agcenter.lsu.edu)

**Treasurer**  
**Pat Newman**  
 Folsom Nursery, Inc.  
 P. O. Box 580  
 Folsom, LA 70437-0580  
 (P) 985.796.3488, (F) 985.796.3488  
 (E) [folsomnursery33@aol.com](mailto:folsomnursery33@aol.com)

**Past-President**  
**Peter Newton**  
 Newton Landscape Group, Inc.  
 8930 Buzbee Drive  
 Baton Rouge, LA 70809  
 (P) 225.756.4321, (F) 225.756.4324  
 (E) [pete@newtonlandscapegroup.com](mailto:pete@newtonlandscapegroup.com)

**Administrative Assistant**  
**Laura Crnko**  
 8409 Vincent Road  
 Denham Springs, LA 70726  
 (P) 225.667.4744,  
 (E) [lcrnko@bellsouth.net](mailto:lcrnko@bellsouth.net)

**Webmaster**  
**Dr. Paul Wilson**  
 LSU Horticulture & Food Science Dept.  
 137 J C Miller Hall  
 Baton Rouge, LA 70803  
 (P) 225.578.1025  
 (F) 225.578.1068  
 (E) [pwwilson@lsu.edu](mailto:pwwilson@lsu.edu)

**Director, Research & Education**  
**Allen Owings**  
 LSU AgCenter, Hammond Research Sta.  
 21549 Old Covington Hwy.  
 Hammond, LA 70403  
 (P) 985.543.4125, (F) 985.543.4124  
 (E) [aowings@agctr.lsu.edu](mailto:aowings@agctr.lsu.edu)

**Director, Training**  
**Dan Gill**  
 LSU Plant, Environmental & Soil Science  
 155 J.C. Miller Hall  
 Baton Rouge, LA 70803  
 (P) 225.578.2413, (F) 225.578.0773  
 (E) [dgill@agctr.lsu.edu](mailto:dgill@agctr.lsu.edu)

**Director, Associate (14)**  
**Brian Bridges**  
 BWI Co., Inc.  
 PO Box 610  
 Forest Hill, LA 71430  
 (P) 318.748.6361, (F) 318.748.6704  
 (E) [brianbridges@bwicompanies.com](mailto:brianbridges@bwicompanies.com)

**Director (14)**  
**Margie Ann Jenkins**  
 Jenkins Farms & Nursery, LLC.  
 62188 Dummyline Road  
 Amite, LA 70422  
 (P) 985.748.7746, (F) 985.748.8219  
 (E) [jfandn@I-55.com](mailto:jfandn@I-55.com)

**Director (14)**  
**Robert 'Buddy' Lee**  
 Transcend Nursery  
 52063 Ridge Crest Drive  
 Independence, LA 70443  
 (P) 985.878.3567  
 (E) [buddvazaleas@yahoo.com](mailto:buddvazaleas@yahoo.com)

**Director (14)**  
**Mark Murrell**  
 Murrell Trading Co., Inc.  
 30185 Hwy 1 South  
 Bayou Goula, LA 70716  
 (P) 225.545.3336, (F) 225.545.3725  
 (E) [mmurrell@wildblue.net](mailto:mmurrell@wildblue.net)

**Director (14)**  
**Tom Fennell**  
 Clegg's Nursery  
 5696 Siegen Lane  
 Baton Rouge, La 70809  
 (P) 225-937-5465, (F) 225-292-9158  
 (E) [tefennell@cleggnursery.com](mailto:tefennell@cleggnursery.com)

**Director (13)**  
**John Kavanaugh**  
 Kavanaugh's Landscaping  
 11695 Clay-Ansley Hwy.  
 Ruston LA, 71270  
 (P) 318.255.4340

**Director (13)**  
**Buddy Perino**  
 Perino's Garden Center,  
 3100 Veterans Memorial Blvd.  
 Metairie, LA 70002  
 (P) 504.834.7888, (F) 504.837.0791  
 (E) [spjr335@gmail.com](mailto:spjr335@gmail.com)

**Director (13)**  
**Renee' Vanlangendonck**  
 Chambers Tree Farm and Nursery  
 P.O. Box 391  
 Lecompte, LA 71346  
 (P) 318.715.1313, (F) 318.776.1313  
 (E) [renee@chambersnursery.com](mailto:renee@chambersnursery.com)

<b>Inside this issue:</b>	
<b>Tree Care Classes</b>	<b>4</b>
<b>Horticulture Update</b>	<b>6</b>
<b>Welcome New Members</b>	<b>8</b>
<b>Irrigation Design</b>	<b>10</b>
<b>Torpedograss</b>	<b>11</b>
<b>Japanese Beetle</b>	<b>17</b>
	<b>20</b>
<b>CNLP 2013 Schedule</b>	<b>22</b>



Little Ruby  
 Alternanthera

*Secretary's Notes (Continued from page 8)*

industry.

Don't hesitate to contact me at [acoco@agcenter.lsu.edu](mailto:acoco@agcenter.lsu.edu) or 985-789-4301 if I can be of assistance to you, or if you have suggestions or requests for LNLA. This is your association and I welcome input from you.

Later,

*Annie Coco*

Annie Coco  
 Executive Secretary  
 Phone 985.789.4301  
 Email [acoco@agcenter.lsu.edu](mailto:acoco@agcenter.lsu.edu)



## New Tree Care Classes ~ February 2013

The LSU AgCenter is offering two new short courses for tree care and landscape professionals: *Introduction to Arboriculture* and *Technical Tree Felling & Cutting and Climbing, Fall Protection and Work Positioning*.

*Introduction to Arboriculture* (February 18-22, 2013) is an intensive review course that will help new and experienced tree care workers prepare for taking the Louisiana Arborist Exam and/or the International Society of Arboriculture (ISA) Certified Arborist Exam. *Introduction to Arboriculture* offers lecture and hands-on instruction. Course participants will have the opportunity to learn real world applications to compliment concepts taught in the lectures. The course instructors are Dr. Hallie Dozier, LSU AgCenter, Glen Wilson, North American Training Solutions (NATS), Jimmy Culpepper, Greener Trees and Robert Mirabello, LSU. The course is five days and will be held at the LSU Lee Memorial Forest near Franklinton, LA. Registration for the full course is \$600 and includes meals, lodging and a copy of the ISA *Arborist Certification Study Guide*, 3rd Edition 2010. Interested students may also sign up for individual days. The residential nature of the course greatly enhances interaction and learning among course participants and allows students more interaction time with the instructors. Full course participants will be given the chance to take the Louisiana Arborist License Exam at the end of the course. Architects, engineers, developers, landscape architects, landscape managers, urban foresters and others interested in trees and tree care will benefit from the course. Class size is limited to 20 participants.

The second course is offered into two intensive, hands-on, 2-day modules: *Technical Tree Felling & Cutting and Climbing* (February 25-26, 2013) and *Fall Protection and Work Positioning* (February 27-28, 2013). This course is offered by North American Training Solutions through the LSU AgCenter and targets experienced and novice chainsaw operators and supervisors, climbers, both novice and experienced, and other professionals who are seeking to learn the



## A Word from our President

Dear LNLA Members,

I first want to say what a pleasure it has been serving as President of the Louisiana Nursery and Landscape Association. It has been my privilege to meet so many new people in our industry from around our state. I encourage anyone who has an interest to serve on the board to out reach to a board member and let them know that you are willing. It can only make you and the association stronger.

It seems like just yesterday that we were at the 2012 Gulf States Horticultural Expo in Mobile, AL. And now we look up and see it staring us in the face just a couple of weeks away. I hope to see you all at the annual membership meeting there Thursday, January 17th. Also, remember that we will have a social that evening as well. I hope to see you there.

I would also like to recognize the board of directors and officers that have served the past couple of years. They have been active and put in the time to make the association a stronger one. Thank you for your service.

And finally, I want to wish everyone a Happy New Year. Hopefully 2013 will be one of the best ones....

Sincerely,

Todd Ellefson



latest techniques for felling and working in trees. Even students who have been climbing and running a chainsaw "since before they could walk," are guaranteed to learn new techniques, tips and tricks from these classes. Located at the LSU Lee Memorial Forest, this class will also be a residential course, taking advantage of the variety of hands-on opportunities the site offers. Students may register for one or both modules. Each module is \$450, together, \$800. The registration fee includes room and board. Class size is limited to 12 participants.

For more information and to download brochures and register, go to [www.lsuagcenter.com/arborist](http://www.lsuagcenter.com/arborist) or contact Dr. Hallie Dozier at [hdozier@agcenter.lsu.edu](mailto:hdozier@agcenter.lsu.edu).

## Upcoming News

### IN MEMORIUM

**Dr. Edmund Newton O'Rourke, Jr.** died peacefully at 12:30 PM on Sunday, November 11, 2012, in a local hospital with his family around him. Ed was born on November 22, 1923 in New Orleans to Edmund N. O'Rourke and Gladys Adams O'Rourke.



Ed is survived by his wife of over 65 years, Rosemary Louque O'Rourke, his son, Brian Patrick O'Rourke and wife Dea; and grandson, Colin Patrick O'Rourke.

Ed attended S.L.I. as an undergraduate. After serving in the U.S. Army during World War II in the European theatre where he took part in D-Day, he returned to S.L.I. to finish School and later married his childhood sweetheart Rosemary Claire Louque in 1947. After graduation from S.L.I., he attended Cornell University and received both a Masters degree and Doctorate in Pomology in three years.

Ed returned to the South to work for the U.S.D.A in Georgia on Tung Oil research. In 1956, he became a professor in the L.S.U. Horticulture Department. He conducted research on Southern fruit crops, most notably figs, and eventually his favorite selection were released as the L.S.U. Purple, L.S.U. Gold, and the O'Rourke Figs. Ed loved to teach and throughout his 37 year career at L.S.U. he taught a variety of courses and mentored many graduate students sharing with them his love and knowledge of plants.

Ed loved plants of all types, having said often that it was his mother's roses at his childhood home that first inspired his love of plants. He loved to fish, in both fresh and salt water, and was unusually lucky.

After retirement, Ed co-authored a gardening book for the L.S.U. press titled "Gardening in the Humid South" and co-wrote a monthly gardening column for Country Roads Magazine with his good friend and colleague Dr. Leon Standifer.

The family asks that anyone who knew and appreciated Ed remember him by planting something in their garden.

A private memorial service will be held at a later date. Johnson Funeral Home of Lake Charles is in charge of arrangements.

**Mary S. Alvarez**, co-owner of Alvarez Nursery in Hammond, La., died on Wednesday, November 14, 2012. She and her husband, Victor "Vic" Alvarez, have had their retail nursery business for at least 30 years. Both Mary and Vic were well-known and well-liked in the community, donors to The Shop for Habitat, and regularly attending two nearby Catholic churches.

Mary died from a single gunshot wound to the head, inflicted by an unknown assailant, while she was working alone at the

nursery. The case is still under investigation.

Mary was very knowledgeable about plants and flowers, and very sociable with her customers and visitors to the nursery. Besides her flowers, Mary loved her family consisting of Vic and their children, grandchildren, her siblings, and numerous nieces and nephews. Some of her favorite activities outside the nursery included taking countless photographs, traveling, and spending time with family and her dog. She was meek and humble with a heart of gold. She is greatly missed by all who knew her.

### THANK YOU'S

Dear Annie:

November 29, 2012

Thank you and Louisiana Nursery and Landscape Association, Inc. for making a gift of \$250 to help sponsor Burden Horticulture Society's (BHS) *Evening of Wine and Roses* fundraiser on October 24, 2012. Your generosity contributed much to the success of the special evening which helped raise funds for Burden's new Trees and Trails Educational Pavilion.

We are grateful for your support of Burden and BHS. In appreciation for your sponsorship, Louisiana Nursery and Landscape Association, Inc. was recognized on signage at the event and will be mentioned in BHS' upcoming *Reflections and Visions* newsletter. Through your support, you help BHS increase awareness of this treasured green space in the heart of Baton Rouge. We thank you!

With much appreciation,

"Gigi" Gauthier, Director of Development, Burden Center

### Louisiana Nursery & Landscape Association

INVITES YOU  
TO ATTEND

"Annual Membership Meeting  
Breakfast & Awards Program"

7:00 am - 8:45 am

Room 202 AB

AND

"Hospitality"

5:00 pm - 6:30 pm

Room 202 A

Thursday, January 17, 2013  
Arthur Outlaw Convention Center  
Mobile, Alabama



## LSU AgCenter Ornamental Horticulture Update

The LSU AgCenter held their annual landscape horticulture field day at the Hammond Research Station in October. We had over 150 nursery, landscape and garden center professionals in attendance. It was a very nice morning for research plot tours and to visit with our colleagues in Louisiana's most active segment of the horticulture industry.

Items viewed and discussed at field day included many rose studies being conducted at the LSU AgCenter. This involves a miniflora variety evaluation, four years of data on Drift series roses, evaluation of trial roses from the Conard-Pyle Company, the use of plant growth regulators on Knock Out roses, studies of Kolorscape and Veranda varieties from Greenheart Farms / Ball Horticulture, and more. We also viewed several plant collections in the sun garden at the station – copper plants, ornamental sweet potatoes, ornamental cotton and turk's cap. New cool season bedding plants viewed included the Dalmation series foxglove and Cool Wave pansies. Louisiana Super Plants for spring 2013 (Aphrodite althea, Little Rudy alternanthera, and Bandana lantanas) and fall 2013 (Drift roses, Diamonds Blue delphinium and willow oak) were announced.


Our spring 2013 nursery, landscape and garden center event at the Hammond Research Station will be held on Friday May 17<sup>th</sup>. Time is to be announced. Research tours will be provided. In addition, we will host the first annual Margie Jenkins Azalea Garden Horticulture Lecture Series (Geoff Denny from Mississippi State University and David Creech from Stephen F. Austin State University will be the guest speakers).

The LSU AgCenter was pleased to learn this fall that the LSU AgCenter's Burden Center in Baton Rouge was the national second place winner in category I in the inaugural All-America Selections Display Garden contest.


All-America Selections rolled out a new contest in 2012 in celebration of its 80th anniversary, choosing landscape design garden winners from entrants who planted AAS winners using vegetables, flowers or both. Design gardens contestants had to follow specific criteria, such as assuring that at least 50 percent of its plants were AAS winners, either past or present, providing a list of the AAS varieties used, and offering publicity for the project, according to the release. For its first landscape design contest, the nonprofit organization, which tests new vegetable and flower varieties, reports a success, producing nine winners from three categories, whose entrants were classified based on Internet traffic to their websites.

"All-America Selections is extremely pleased with not only the number of gardens that participated, but also the broad range of garden types: large and small public gardens, seed companies, master gardener programs and university gardens," AAS reported in a news release. AAS judges were very impressed with the leadership of this project and how the AgCenter so obviously

*(Continued on page 26)*





### "QUALITY PLANTS"



## GEORGE JOHNSON

### NURSERY, Inc.

MEMBER  
 A.N.L.A. • L.N.L.A. • T.A.N. • A.N.A.  
 O.N.A. • S.N.A. • N.C.A.N

### Container & Field Grown Material

George M. Johnson, Jr. Owner  
 Murphy Johnson President  
 Mark Lachney Manager  
 Linda Prosha Assistant Manager

3848 Highway 112  
 Forest Hill, LA 71430  
 Phone: 1-318-748-6715  
 Fax 1-318-748-6893  
 Toll Free 1-888-755-5653  
<http://www.growit.com/geojohnnys>

# Jenkins Farm & Nursery, L.L.C.

## Mark Jenkins Nursery

Container and field grown shrubs and trees, including the following:

- ◆ Wide variety of Azaleas ◆ Sasanquas ◆ Gingers ◆ Palms ◆ Native Shrubs and trees ◆ Ground Covers ◆ Large Native Azaleas ◆ Japanese Magnolias ◆ Japanese Maples ◆ Cleveland Select Pears ◆ Native Yaupon ◆ Parsley Hawthorn ◆ Pine Straw

**“Make this your one stop for Landscaping needs”**

62188 Dummyline Road, Amite, LA 70422

Phone (985)748-7746 ◆ (985)748-6177 ◆ Fax (985)748-8219

WEST FARMS NURSERY

# WEST FARMS NURSERY

**A COMPLETE WHOLESALE NURSERY FOR  
THE LANDSCAPER AND RETAIL BUYER**

Container Grown  
Azaleas  
Trees  
Hollies  
Ornamentals



*Hybridizer of Daylilies  
for Landscapes  
of Distinction*



**Dale & Lynette Westmoreland**  
13529 Hwy 450  
Franklinton, LA 70438  
Ph/Fax: (985)- 839-5713



**LNLA extends a warm WELCOME to the following NEW Members...**

- Curb-A-Garden** ..... Steve Bucher
- Luke's Landscape Service** ..... Luke Woodard
- LSU Student** ..... Anna Ribbeck
- LSU Student** ..... Anneliese Franklin
- LSU Student** ..... Andrew Billon
- LSU Student** ..... Dominique Abate
- LSU Student** ..... Jordan Simpson
- LSU Student** ..... Lyndon Cummings
- LSU Student** ..... Troy Penny
- The Lawn Ranger of Jefferson** ..... Vincent Miller

**NOTES FROM THE SECRETARY**

Hi to LNLA Members,

I have thoroughly enjoyed the honor and challenge of serving as your Executive Secretary of LNLA and LNLFSR for the past year, and I look forward to doing a better job in the future (now that I have a better idea of what's to come and what's expected). I've gotten the opportunity to meet a lot of people in the nursery and landscape industry, and I look forward to meeting more of you in the future.

The Annual Membership Breakfast Meeting of LNLA will be on Thursday, January 17, 2013, at the Gulf States Horticulture Expo (GSHE) in Mobile, Ala. Please attend and help us honor some of our members who will receive awards and students receiving scholarships. As always, the breakfast meeting starts at 7:00am and will be in Room 202 A&B of the Outlaw Convention Center.

We will also have a reception for our members and other Louisiana attendees and guests at 5:00pm that same evening. It should be in the same room. Come by for some social time and refreshments.

Our Louisiana Nursery & Landscape Foundation for Scholarship & Research (LNLFSR) will conduct a fund-raising auction at the reception. I encourage you to bid often and bid high for some great items, including \$\$\$ worth of plants from some wholesale growers, LSU memorabilia, a set of framed forestry prints, and other items useful in the industry or just fun to have. Bidding will begin at 5:00pm when the reception starts.

LNLA will also have an exhibit booth in the 2<sup>nd</sup> floor hallway leading to the escalators, which go down to the lower floor entrance of the Trade Show. I will be in the booth (most of the time) to answer questions you or other potential members may have about our association. If you know of another person with a nursery & landscape related business who is not already an LNLA member, send them my way to get a brochure and membership application.

The first CNLP (Certified Nursery & Landscape Professional) Review & Exam for 2013 will be held on January 24-25, at the Burden Conference Center in Baton Rouge, La. The second Review & Exam will be July 25-26 at ULL Ira Nelson Horticulture Center in Lafayette, La. Those are the two scheduled for 2013. See the form elsewhere in this newsletter or on the [lnla.org](http://lnla.org) website to sign up.

And mark your calendar on June 14, 2013, for the next Foundation Gala. It will be at the LSU Stadium Club in Baton Rouge, La. It will be an enjoyable evening, and all proceeds go towards research and scholarships to enhance the nursery and landscape

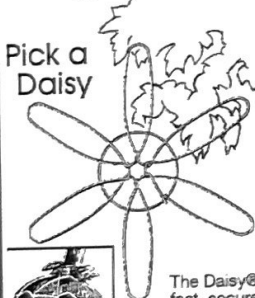
*(Continued on page 3)*

"A Quality Product for Professional Tree Handling"
BRAUN  
HORTICULTURE

## Continuous Wire Baskets™

Visit us on the web at [WWW.BRAUNGROUP.COM](http://WWW.BRAUNGROUP.COM)

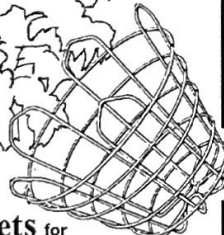
**Pick a Daisy**



The Daisy® - fast, secure, economical packaging of any shape rootball.

**Wire Baskets** for  
OPTIMAL - ROKOR - DUTCHMAN - STOCKER - VERMEER - BIG JOHN - CLEGG - CARETREE - BURKEEN - SHORT BASKETS - 22", 25", 30"

**"BALLBOY"**  
Makes a Perfect B & B Package  
One "pigtail" crimp tightens wire lacing to form a very professional package.

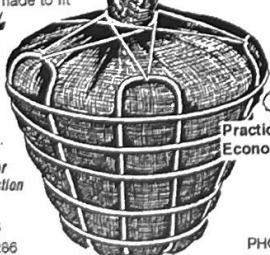


**tailor fit**

Reduction in labor. Proven quality basket.

Call our TOLL FREE number for advice on ANY basketing question or problems.

**UNITED STATES**  
PHONE (866) 732-7286  
 FAX (715) 282-6103



Practical Economical

**CANADA**  
PHONE (800) 248-6984  
 FAX (905) 648-8441

VIDEO ON REQUEST





# Certified Nursery & Landscape Professional Manual Review and Exam - 2013

**January 24-25**  
 Burden Conference Center  
 LSU AgCenter  
 4560 Essen Lane  
 Baton Rouge, LA 70809

Begins at  
9am daily

**July 25 - 26**  
 Ira Nelson Horticulture Center,  
 University of LA at Lafayette  
 2206 Johnson St.  
 Lafayette, LA 70503

Register for the Manual Review and Exam by selecting the appropriate location  above:

Company Name \_\_\_\_\_  
 Address \_\_\_\_\_  
 City, State, Zip \_\_\_\_\_  
 Phone/Email (P) \_\_\_\_\_ (E) \_\_\_\_\_

Person(s) Registering:	Name & Section	Fees
\$75 per person for review and full exam.	_____	_____
\$15 per section(s) re-taken by each person. * Please specify re-take section(s) if known. Sec #1- Plant Classification, Growth & Development Sec #2- Understanding Pests and Their Control Sec #3- Culture of Nursery Stock in Retail Yards Sec #4- Landscape Contracting, Tree & Turf Mgt. Sec #5- Plant Identification	_____ _____ _____ _____ _____	_____ _____ _____ _____ _____
\$35 per person for manual review <u>only</u> (no exam) in preparation for the LDAF license test or professional training.	_____ _____	_____ _____
\$60 per copy for "Louisiana Manual for the Environmental Horticulture Industry," the suggested manual for this course.		\$ _____
	S60 x _____ @ Manual =	\$ _____
	Shipping & Handling S3 x _____ @ Manual =	+ S/H \$ _____

**Make check or money order payable to:**  
 Louisiana Nursery & Landscape Association

**Mail check to:**  
 Louisiana Nursery & Landscape Association  
 11050 Hwy 441  
 Amite, LA 70422

**Total** \$ \_\_\_\_\_  
**Check #** \_\_\_\_\_  
**Date** \_\_\_\_\_

**For further information contact:**  
 Annie Coco, LNLA Executive Secretary, (C) 985.789.4301, (E) [acoco@agcenter.lsu.edu](mailto:acoco@agcenter.lsu.edu)



## Landscape Design Sketchbook

-green laws, design principles, designer plants-  
Buck Abbey, ASLA  
Associate Professor, Robert Reich School of Landscape Architecture  
Louisiana State University

*"drip irrigation is typically used to maintain moisture, whereas sprinkler and gravity irrigation may be used to replace depleted moisture"*  
Toro MicroIrrigation Owners Manual, 2012

### IRRIGATION DESIGN

Both the LEED-SITES and LAN sustainable landscape design programs place emphasis on effective irrigation design.

LEED-SITES, a program developed by the American Society of Landscape Architects, the U.S. Botanic Garden, and the University of Texas Lady Bird Johnson Wildflower Center promote sustainable design. Sustainable design "conserves water sources and minimizes energy usage by reducing the use of potable water, natural surface water and groundwater withdrawals for landscape irrigation".

The SITES program is compatible to the LEED program fostered by the United States Green Building Council (USGBC).

The *SITES Credit* to Reduce Outdoor Water Use, for instance, sets a requirement that "reduces potable water use by 75 percent based upon a baseline average water consumption volume calculated by the EPA *WaterSense Water Budget Tool* found at ([http://www.epa.gov/watersense/water\\_budget/application.html](http://www.epa.gov/watersense/water_budget/application.html)).

The LYN, (Louisiana Yards and Neighborhoods) program developed by the **LSU AgCenter** suggests that irrigation systems must be properly designed using best management practices that incorporate essential irrigation factors, such as "soil type, current drought conditions, sunlight, plants, slope and wind" into the design of the system.

The LYN program, which can be found at <http://www.lsuagcenter.com>, is a useful program for landscape architects and contractors.

Both programs see the use of potable water supplies as a resource that must be carefully managed.

#### Water Management

Careful water management requires using minimum water vol-

umes and maintaining proper soil moisture using devices such as "ground moisture sensors as seen in Fig. 1. Water harvesting from parking lot surfaces, rooftops, grey water systems, constructed wetlands or from site retention ponds is the preferred way to reduce the use of potable water.

Another is to send water directly to the plant with sophisticated drip irrigation systems that use ground moisture sensors.

And of course, a third best management strategy is to ensure that a large percentage of the landscape is completely dependent upon the use of native plants that survive with local monthly rainfall amounts.

#### Irrigation Regulations

Central to that management is having local landscape regulations that guide the grower, designer and irrigation contractor in the proper use of irrigation system components, as manufactured by leading irrigation companies such as Toro, Rainbird (Fig.1), Hunter and others.

Well written regulations provide guidelines that insure that the landscape industry see potable water supplies as a limited resource that cannot be wasted due to inefficient design and poor installation practices.

Irrigation ordinances may be written at the local level or state level. In Louisiana, the *Louisiana Horticulture Law* provides irrigation regulations.

EPA intervention and dwindling water supplies in the west are leading to new best management practices in the design of irrigation systems. These new practices are finding their way into regulatory form.

Take for instance the statewide irrigation code for California. This is known as *AB 1881*. It amends *Chapter 559, California Civil Code* that resulted in *Title 23. Waters, Division 2, Chapter 2.7. Model Water Efficient Landscape Ordinance (MWEL0)*.

*(Continued on page 11)*

*Landscape Design Sketchbook (Continued from page 10)*

The 33 page ordinance, whose purpose is to “establish a structure for planning, designing, installing, maintaining and managing water efficient landscapes in new construction and rehabilitated projects,” has been adopted in every community statewide.

This state law provides guidelines for standards for use of green irrigation equipment, design by hydrozones based upon plant water needs, as well as the preparation of irrigation plans and landscape documentation packages.

Irrigation plans as seen in Fig. 2, by designer Lauren Patti must be in conformance to specific evapotranspiration rates, water and budget calculations. California provides a *Water Budget Calculator* to assist the landscape architect in the completion of a *Water Efficient Landscape Worksheet*, which is found at <http://www.water.ca.gov/wateruseefficiency/landscapeordinance>.

This calculator can be used to determine The *Maximum Applied Water Allowance* for each landscape plan and is calculated using the equation:

$$MAWA = (ETo) (0.62) [(0.7 \times LA) + (0.3 \times SLA)]$$

Water budget calculations are based upon a plant hydrozone water factor, local evapotranspiration rates, and the area of irrigated landscape.

There are exclusions for edible gardens and sport field surfaces.

Results are computed as *Estimated Total Water Use (ETWU)* in gallons, cubic feet and acre feet per year. This is all that can be used each year.

This calculation is adjusted for various regions. Landscapes less than 2500 square feet are exempt.

A sustainable irrigation design provides many environmental services. The primary purpose of green irrigation is to reduce the use and waste of potable water. Secondly, replace it with available recycled storm water and other harvested grey water using state of the art environmental sensing irrigation equipment.

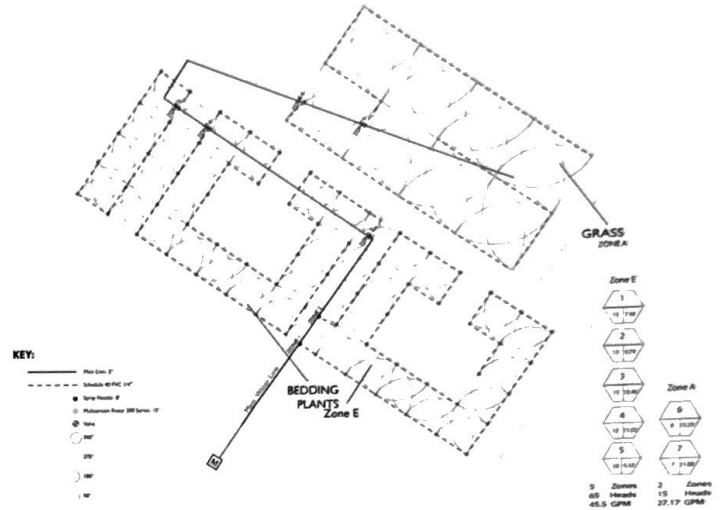
Louisiana is awash with storm water, so water conservation is rarely considered. But to achieve LEED credit, or use LYN, suggests that green irrigation design is the responsible thing to do.

*Should readers like to contact the author, get in touch by email at [lsugreenlaws@aol.com](mailto:lsugreenlaws@aol.com). You may call the Robert Reich School of Landscape Architecture at 225.578.1434.*

Fig. 1 (right) Soil Sensor Equipment courtesy Toro Irrigation Company



Fig. 2 (below) Irrigation Plan, Lauren Patti Photo 2012



*Bug Doctor (Continued from page 17)*

and one female lays forty to sixty eggs.

Larvae emerge from eggs in about two weeks and feed on grass and other roots. The larvae feed in the upper four inches of soil during the summer and move down in the soil as deep as eight to ten inches during the late fall and winter. The larvae move back up in the spring and

feed on grass roots. Mature larvae lie in a curled position in the soil and are around one inch long.

Fully developed larvae go slightly deeper in the soil to pupate and form an earthen cell. The prepupal stage is followed by the pupal stage lasting seven to twenty days. Larvae enter the pupal stage about two to three weeks before adult emergence.

Adults emerge from the pupa and may remain in the pupal cell from two to fourteen days before emerging from the soil. Adult Japanese beetles live above ground during the warm summer months.

Adult emergence, oviposition timing and development vary with year, latitude, and altitude. In warmer areas adults emerge in mid-May. In cooler areas adults emerge from late June to early July.

First instar larvae feed for two to three weeks, second instar lar-

*(Continued on page 22)*

# THE WEED DOCTOR'S CORNER



The Weed Doctor's Corner was written by Dr. Ron Strahan, Assistant Professor in Weed Science, LSU AgCenter, (P) 225.578.2392, (E) [rstrahan@agcenter.lsu.edu](mailto:rstrahan@agcenter.lsu.edu). Updated versions of the LSU AgCenter's useful guides to controlling weeds, insect pests and plant diseases are available. Free downloads of the guides are available from the LSU AgCenter's Web site [www.lsuagcenter.com](http://www.lsuagcenter.com). Follow the Weed Doctor, Ron Strahan on Facebook and Twitter (@lsuturf).

## Could Fall Be the Best Time to Control Torpedograss in Landscape Beds?

If you are in the green industry in Louisiana, you hate torpedograss. I have seen people near tears talking about how it has taken over their flower beds. I too hate torpedograss but I have also developed a healthy respect for the weed in kind of an LSU/Alabama sort of way. Torpedograss is easy to hate but tough to beat.

Every year, I put out turf and ornamental research trials looking for the magic bullet that eliminates the weed. Unfortunately, I have been shooting blanks when it comes to controlling torpedograss, especially in flowerbeds. I have tried everything selectively that's currently available and several experimental herbicides that will not be available for years. No selective herbicide has ever given acceptable control.

The highest level of success has always been achieved with glyphosate applied at my so called "nuclear rate" wiped rather than sprayed onto the plants. Right now, I am evaluating fall applications. So far, these applications have been impressive. Here is the science behind what I am seeing. Perennial plants like torpedograss send a good portion of their carbohydrates downward during the fall. Simply put, this fall application is sending a large glyphosate smoothie down into rhizomes of the torpedograss. We won't know for sure if these applications are better until next spring and summer but I sure saw a lot more initial knockdown with October applications. Even fluzafop and sethoxydim seemed to have a little more activity than usual with fluzafop providing about 15% greater control than sethoxydim.

### Here are my current recommendations for torpedograss in landscape beds:

Wipe with at least a 10% solution of glyphosate with a chemical resistant rubber glove inside a cotton glove. Multiple applications will be necessary. Your clients will see that you are doing something about the weed and you will keep the account.



Pretend that it is not there and just abruptly change the subject if your client asks

**Left:** 10% Glyphosate solution wipe applied 45 days after treatment

**Right:** Torpedograss completely covering Indian Hawthorne



about it. Say goodbye to the account.

**A little torpedograss history** - Torpedograss is a perennial rhizomatous grass that is considered one of the most invasive weeds in the world. Although the plant does produce seed, the seeds are not viable. The weedy grass solely reproduces vegetatively by robust rhizomes.

The spread of torpedograss in Louisiana is mainly attributed to the movement of soils infested with torpedograss from the Bonnet Carré Spillway. The spillway is located just west of New Orleans and is the main source for southeast Louisiana; especially within the New Orleans metro area. However, I see torpedograss throughout southeast Texas and regularly get calls on it from Mississippi and Alabama. The fact is you can find torpedograss everywhere along the Gulf Coast. Have you ever wondered why? Believe it or not torpedograss was actually deliberately spread in the region in the 1920s because the grass was thought to be the next great forage for cattle and horses. It made a lot of sense at the time because torpedograss certainly spreads quickly and has very good salt tolerance. However, compared to other forage grasses used in the South, torpedograss is not suitable at all as forage due to its low protein concentration. The grass can actually be toxic to horses. Unfortunately due to this error, torpedograss infestations have expanded considerably over the years and landscape beds throughout the region are heavily infested with this weedy grass.

Torpedograss is a tough weed but repeated wipings with a highly concentrated glyphosate solution has been pretty successful for us in getting the weed under control in flower beds. The key here is to wipe the torpedograss as often as you see it. This is not a "one and done" treatment. On a personal note, I am still sick about the LSU/Alabama game.

# Plant problems? We can help!

Routine Diagnostic  
**\$20**



The LSU AgCenter's Plant Diagnostic Center is a one-stop shop for all your plant health problems.

The center provides rapid, accurate diagnosis of the cause of the problem and delivers best management practices recommendations for long-term management.

## LSU AgCenter Plant Diagnostic Center

For more information, visit our website: [LSUAgCenter/PlantDiagnostics](http://LSUAgCenter/PlantDiagnostics)



### POOLE BROS. NURSERY

*Customer Service and Quality  
are Top Priorities!*

Grower of Azaleas, Evergreens,  
Woody Ornamentals,

Ornamental Grasses and Groundcovers

3334 Hwy 112 • Lecompte, LA 71346

**1-866-665-6579 • (318) 748-6579**

Fax (318) 748-7441 • E-mail: [poolebrosnsy@msn.com](mailto:poolebrosnsy@msn.com)

**Debbie Head, Owner**



### Native Louisiana Iris

and their hybrids

provide color for water, wetland environments and perennial flower beds. Easy to naturalize, establish and maintain.

Provide bloom in spring.

Provide green foliage in winter.

Tough field grown bare root plants.

*Bois d'Arc Gardens*

1831 Bull Run Road

Schriever, LA 70395

Phone: 985-446-2329

Cell: 985-209-2501

Contact: Bud or Rusty McSparrin for more information and wholesale pricing.

Web site: <http://www.bois-darc.com>

Email: [bois@charter.net](mailto:bois@charter.net)

# Blumberg Means Business



## Making Business Secure...

*One Handshake At a Time*



**Blumberg and Associates, Inc.**

Andy Blumberg

8560 Jefferson Hwy • Baton Rouge, LA 70809

225-767-1442 800-349-1442

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



Property | Liability | Workers' Comp | Auto | Health | Life



Since 1988, we have specialized in field grown and container shade and ornamental trees. Our customers depend upon us to provide the finest quality trees and service available in the industry.

We continually strive to improve production and service.

Our #1 goal is to ensure quality plant material and  
**Complete Customer Satisfaction!**

**Gerald Foret Wholesale Nursery, Inc.**

4214 Forrest LeBlanc Road

New Iberia, LA 70560

(337) 365-4858 • Fax (337) 364-6520

or visit us on the web at:

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

Member of: LNLA, TNLA, ANA, MNA



**HOME OF THE CAJUN LIVE OAK**

# PROFESSIONAL LANDSCAPING



## and GROWER SUPPLIES



BWI is a distributor of lawn, garden and horticultural products to garden centers, farm and feed stores, hardware stores, grocery stores, regional multi-store outlets, greenhouse growers, nursery growers, landscapers, lawn companies, and other related outlets.

**BWI Forest Hill**  
800.242.7234

**BWI Jackson**  
800.385.2580

**BWI Texarkana**  
800.442.8443



### More choices. Better blends. Healthy plants.

- More than 20 pre-customized formulations, with pre-defined longevities
- Patented, 100% coated, homogeneous N-P-K prills blended with micronutrients and other coated and uncoated nutrient sources
- Consistent nutrition for a wide range of plants, from Azaleas to Zebra Grass



For more information contact:  
Charlie Owens, Territory Manager  
(251) 621-8292  
charles.owens@everris.us.com

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

© 2010, The Scotts Company LLC, World Rights Reserved.



# THE BUG DOCTOR



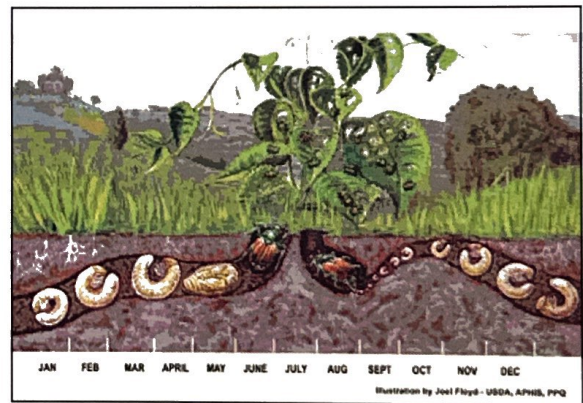
## Japanese Beetle

The Japanese beetle, *Popillia japonica* Newman, is a serious pest of ornamentals. The adult beetle feeds on the fruits, foliage, and flowers of over 300 different ornamental and agricultural plants. The larvae feed on grass roots. This insect causes economic losses by injuring plants and increasing management costs. Management costs of this insect in the United States are estimated to cost more than \$460 million a year.

The following are preferred hosts.

- Abutilon hybridum* Chinese-lantern
  - Acacia baileyana* Cootamundra wattle
  - Acer palmatum* Japanese maple
  - Acer platanoides* Norway maple
  - Aesculus hippocastanum* Horse chestnut
  - Alcea rosea* Hollyhock
  - Althaea* sp. Althaea
  - Arbutus unedo* Strawberry tree
  - Bauhinia variegata* Orchid tree
  - Betula populifolia* Gray birch
  - Castanea dentata* American chestnut
  - Ceanothus griseus* Carmel ceanothus
  - Citrus sinensis* Orange
  - Cydonia oblongas* Common quince
- The following are nonpreferred hosts or nonhosts.
- Eucalyptus sideroxylon* Red ironbark
  - Fremontodendron californicum* Common flannel bush
  - Glycine max* Soybean
  - Grevia caffra* Lavender starflower
  - Hibiscus syriacus* Rose-of-sharon
  - Juglans nigra* Black walnut
  - Lagerstroemia indica* Common crapemyrtle
  - Larix occidentalis* Western larch
  - Malus domestica* Apple
  - Nandina domestica* Heavenly bamboo
  - Parthenocissus quinquefolia* Virginia creeper

- Platanus acerifolia* London planetree
- Podocarpus macrophyllus* Yew pine
- Polygonum* spp. Smartweed
- Populus nigra* Italian poplar
- Prunus* spp. Cherry
- P. domestica* Plum
- P. persica* Peach
- Punica granatum* Flowering pomegranate
- Quercus palustris* Pin oak
- Rosa* spp. Rose
- Rubus* spp. Raspberry
- Sassafras albidum* Sassafras
- Sorbus americana* American mountain-ash
- Tilia* spp. Linden
- Ulmus americana* American elm
- U. procera* English elm
- Vitis* spp. Grape
- Zea mays* Maize (The adults seriously injure corn by eating the silk, which interferes with pollination and kernel formation.
- Zinnia elegans* Zinnia



Most Japanese beetle larvae complete development in one year. Thus, there is one generation per year; however some larvae require two years to complete development, especially if the soils are cold and wet. Female Japanese beetles burrow into the soil to about three inches and lay eggs. Eggs are deposited singly, only a few are laid at one time, oviposition is intermittent,

(Continued on page 11)



Article written by Dr. Dennis Ring, Professor of Entomology,  
 LSU AgCenter, Baton Rouge, (P) 225. 978.3881, (E) [dring@agcenter.lsu.edu](mailto:dring@agcenter.lsu.edu)

## REGIONAL REPORT FROM GREEN INDUSTRY ASSOCIATIONS

### ► BATON ROUGE LANDSCAPE ASSOCIATION

Please email Elena Fennell ([ecfennell@cox.net](mailto:ecfennell@cox.net)) for the 2012 membership form or for more information on BRLA and upcoming meetings. Your support is greatly appreciated!

### ► LOUISIANA IRRIGATION ASSOCIATION

We had a very successful Annual Meeting with 36 voting Members present and the Membership elected Officers and Board Members for 2013. They included: President, Julie Mouch Broussard; Vice-President, John R. Kavanaugh; Past President, Wayne Orton; Director 2012, 2013, Jack Hopper; Director 2012, 2013, Curt Bowman; Director 2013, 2014, Marianne Joye; Director 2013, 2014, Wes Gauthier; and Education & Research Director, Dr. Peter Gallagher.

The Membership also voted favorably for a By-Law change such that the Executive Secretary instead of being employed by LIA will now be contracted yearly by LIA and considered an independent contractor.

We have planned for a recertification training to be held on January 22, 2013 at Ralph & Kacoo's Restaurant in Baton Rouge, LA and the topic will be 'Overview of Backflow Prevention'. Currently, there are about ten Landscape Irrigation Contractors who hold a Backflow Prevention Endorsement from the Louisiana Plumbing Board and LIA has received lots of questions about how to get this endorsement. The one day training will provide an overview of backflow prevention and will explain how one may become endorsed. It will also serve for recertification for Landscape Irrigation Contractors who need recertification for another three years but it will not legally allow a contractor to install backflow prevention devices. That requires a 40 hour course and the purchase of expensive equipment and that's what the one day training will explain. To sign up for the class you can go to the LIA website, [www.li-a.org](http://www.li-a.org) and click on Certification. Print the registration form, include a check made out to LIA for \$130.00 for Members or \$230.00 check for non-members and mail it to me.

*Prepared by Severn C. Doughty, Sr. Ph.D., LIA Executive Secretary/Treasurer*

### ► NEW ORLEANS HORTICULTURE SOCIETY

Please email [NOHS@agcenter.lsu.edu](mailto:NOHS@agcenter.lsu.edu) for the 2012 membership form or more information on NOHS and upcoming meetings.

### ► SOUTHEAST LOUISIANA NURSERY ASSOCIATION

The new updated 2013 Southeast Louisiana Wholesale Plant Locator List will be available at SELNA members' booths and the LNLA booth at the Gulf States Horticulture Expo in Mobile, Ala. in January. Come get one if you do, or want to do, business with wholesale growers in southeast Louisiana.

The SELNA Fall business meeting was held on November 13, 2012, in Folsom at the Z Grill. The SELNA Christmas Party was held on December 14, 2012, at Ms. Margie Jenkins home. About 20 members enjoyed good conversations (telling funny stories on ourselves) and great food. Ms. Marge is a wonderful hostess and has welcomed us to her home several times for this annual event. Kudos to Ms. Margie, Margie Ann, and Birdie Jenkins for their hard work and warm atmosphere provided.

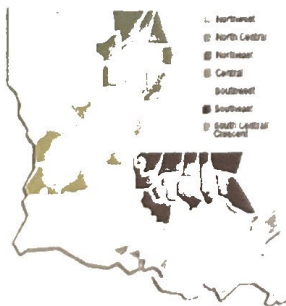
SELNA may conduct a plant sale or similar activity sometime in fall of 2013. Plans are in the committee investigation and discussion phase, so more info will become available next year.

The next annual SELNA Trade Show will be on Friday, September 6, 2013, at Magnolia Park in Folsom, La. That event is also in the committee investigation and planning phase, so more details will come later.

Contact SELNA secretary Annie Coco at [acoco@agcenter.lsu.edu](mailto:acoco@agcenter.lsu.edu) or visit our website at [www.selna.net](http://www.selna.net) for a list of plants available from our growers.



Little Ruby  
Alternanthera



Support Louisiana's green industry by joining your regional association. Contact the following:

**BRLA:** Elena Fennell, Secretary, (E) [ecfennell@cox.net](mailto:ecfennell@cox.net)

**CLNA:** Myra Poole Maloney, President, PO Box 485, Forest Hill, LA 71430-0485, (P) 318-748-6527, (E) [hcn418@aol.com](mailto:hcn418@aol.com).

**LIA:** Severn C. Doughty, Sr., Executive Secretary/Treasurer, (E) [scd357@cmaaccess.com](mailto:scd357@cmaaccess.com)

**NOHS:** (E) [nohs@agcenter.lsu.edu](mailto:nohs@agcenter.lsu.edu)

**SELNA:** Annie Coco, SELNA Secretary, PO Box 848, Amite, LA 70422 (P) 985-789-4301, (E) [acoco@agctr.lsu.edu](mailto:acoco@agctr.lsu.edu)

**MINUTES OF LNLA BOARD OF DIRECTORS MEETING  
PAT'S FISHERMAN WHARF RESTAURANT, HENDERSON, LA  
JULY 25, 2012**

The meeting of the LNLA Board of Directors was held on Wednesday, July 25, 2012, at Pat's Restaurant in Henderson, La. Total attendance was 17 people. Board Members attending were: Brian Bridges, Annie Coco, Todd Ellefson, Tom Fennell, Dan Gill, John R. Kavanaugh, Gerritt Monk, Mark Murrell, Pat Newman, Pete Newton, Allen Owings, Buddy Perino, Renee C. Vanlangendonck. Quorum is 7 voting board members; 10 present; quorum established. Guests/others: Regina Bracy, Hallie Dozier, Amelia Kent, Ansel Rankins. Absent were: Rick Cicero, Margie Ann Jenkins, Buddy Lee. President Todd Ellefson called the meeting to order at 10:05 am. All stood and participated in the Pledge of Allegiance. Todd welcomed everyone.

#### Membership Report

Annie Coco reported there are currently a total of 456 members in LNLA, including 60 new (62 are students). Due to the renewal form not specifying categories of membership, numbers by category are not possible at this time. Annie and Laura have conferred and will again to revise the membership and renewal forms, so that appropriate information will be available. It was suggested that second notices go to unpaid members around March 1, and the first renewal notices should be mailed around December 1. Membership directories are wanted/printed by around August 1, so can be available at Texas Expo. Make sure honorary members stay on the list. Annie brought a printed copy of the membership list and passed it around for changes to be made.

#### LDAF Update

Ansel Rankins reported that Tad Hardy is attending the National Plant Board meeting. In April, Richard Miller was appointed to oversee the Quarantine Programs (Tad's old position). Richard grew up on a crawfish, rice, & soybean farm near Church Point, and has been with LDAF for 10 years. In LDAF's horticulture quarantine department, 3 of 6 people retired recently, and 2 clerical positions have been requested to be filled.

The South American palm weevil is in Texas; a pest profile handout was distributed and is available online. \$50,000 from USDA will be used for a survey in the fall at nurseries. A paralegal has been hired to help collect unpaid fines. LDAF will host the Southern Plant Board meeting in April 2013; they will ask for support from LNLA.

Ansel reported there are a total of 549 licensed arborists (24 of those housed out-of-state); 389 irrigation contractors (14 out-of-state); 371 landscape architects (160 out-of-state); 2020 landscape horticulturists (74 out-of-state); 2375 retail florists (45 out-of-state); 167 utility arborists (12 out-of-state); 53 wholesale florists (6 out-of-state); for a total of 5924 licenses issued by the Horticulture Commission. There

*(Continued on page 20)*

**THE  
SECOND  
GENERATION**

Danny LaFleur, President  
Mike LaFleur, Sec./Treas.  
Yvette Smith, Office Sec.  
721 Goyo Road  
Washington, LA 70589  
(P) 800.447.6951  
(F) 877.826.9955  
(E) lafleurdanny@yahoo.com

**Over 50 Years...  
of SUCCESS!**

# LaFleur's Nursery, Inc.

***"Quality Is Our Specialty"***



**Palms  
Oaks  
Crape Myrtles  
Hollies  
Ligustrum  
Loquat  
Magnolia  
and more....!**

***180 Acres of Clean & Attractive... Field-grown Trees &  
Shrubs***

Board Minutes (Continued from page 19)

are about 2300 nursery growers permitted in the state.

### LSU AgCenter Update

Allen Owings reported that attendance at the recent California Trials workshops was 18 at Hammond Research Station and 45 at Burden Center. There will be a cut flower workshop on Aug. 6 in Folsom at a grower's place. He reported about 75-80 attended the Mid-South Green Industry Conference and 80 toured the Hammond Research Station as part of that conference. The Green Industry Associations Open House was held in May, and he thanked LNLA for support of the annual Golf Shootout. Dan Gill & Annie Coco are doing CNLP training and exams. Allen has been working with James Harwell on the GSHE education program.

Allen Owings reported rose rosette, a disease caused by a virus, has been found along the I-20 corridor. Kentucky, Tennessee, northern Alabama, and northern Mississippi have serious problems with this disease. The virus is transmitted by mites from wild roses, *Rosa multiflora*, and is mostly seen in landscapes. Zones 6B to 8A are areas most susceptible to this pest. Allen asked those present to tell him if anyone sees the rose rosette disease.

Downy mildew has been a big problem all over the country this year on impatiens. Alliette and Statute are preventive for down mildew. There is concern that newer species or cultivars are weaker and may have more diseases; breeding can be contributing. We also get lots of plants and produce from all over the world, so get global exposure.

Allen will be helping with LSU AgCenter booth at Texas Expo. There is a Landscape Horticulture Field Day scheduled at Hammond Research Station for October 11 (the day after our Board meeting there). The LSU AgCenter budget for July 1, 2012 to June 30, 2013 is \$3.5 million in the hole, so they may have to apply for exigency.

The Super Plants for fall are azalea, sorbet, and magnolia. There was a question and brief discussion about selections of plants for super plants. Some older varieties that have been good through years have been included. Allen stated they are very open to nominations of plants from green industry professionals.

Regina Bracy then distributed information on a funding request for the Hammond Research Station. She requested \$25,000 to support the landscape horticulture research and education program at the Hammond Research Station. Their vision is to develop the Station into the regionally recognized center for landscape horticulture research within the next 5 years. Achieving this goal will require the support of the Nursery & Landscape industry and its member associations. Specifically, they plan to use the donation to establish a research evaluation garden in the 10 acre mixed pine stand south of the Margie Jenkins Garden. Monies are needed to install the landscape beds including irrigation, mulch, bed mix, plants, and labor. This request is for infrastructure, not a specific research project, so she has come to LNLA, rather than LNLFSR. All beds have been created with monies from grants. This donation will allow them to expand plant evaluation to include: Japanese maples for deep South climate, heat-tolerant rhododendrons, under-utilized native species and cultivars, new azalea collections, and a holly collection.

Regina also presented future plans for the Hammond Research Station to include enlarging the conference room (which is expected to start in January 2013 with FEMA funds originally received for the citrus station that is now closed), developing additional research area for more woody ornamental plants, constructing additional greenhouse/shade structure for container demo and evaluation research studies, and other research & extension activities and goals. She also presented info on who and how much use the Station has had, and is anticipating for various events. They are hoping to get another researcher assigned to the Station.

When asked whether the full amount is needed or a portion for now, she expressed the need of the entire amount to start one grand phase completion ready to plant in 6 to 8 months. They already have the beds laid out and have sprayed herbicides to kill vegetation. In 2006, LNLA gave \$25,000 for the sun garden; at that time they asked for \$100,000. It was pointed out that kicked off the ornamentals research and showed industry support to LSU AgCenter administrators.

After questions were answered, Regina, Allen, & Dan Gill left the room for the Board to discuss the request. There was some discussion about how much money was available from the Foundation and how much from LNLA. Once it was pointed out that the Foundation only has about \$3,000 to \$4,000 spendable at this time (after their \$10,000 donation to Hammond Research Station designated last year to be given this year if enough is raised from the Gala), and that LNLA has adequate funds and would still have about \$30,000 seed money for GSHE in January, the decision was made.

John Kavanaugh motioned to grant \$25,000 to the Hammond Research Station from LNLA; seconded by Mark Murrell; motion carried. Regina, Allen & Dan were invited back into the room and given the good news.

LFBF Update

(Continued on page 21)

Brian Breaux could not attend, but sent his report from the La. Farm Bureau Federation to Annie, so she read it. The 2012 Farm Bill has passed the Senate & House Ag Committee. The House bill is more favorable to Louisiana agriculture due to provisions for rice not found in the Senate bill. We do not know when the House will consider the bill and after House consideration, the bill will have to go to Conference before the next Farm Bill can be voted in. Nurserymen will have better options for crop insurance in the next Farm Bill, it appears. Immigration reform is doubtful before the election, but some say it may be considered during a lame duck session after the Presidential election.

Employers in H-2A have been audited extensively over the last 18 months. Rep. Jeff Landry is pursuing FAARM Account legislation to let farmers shelter their profits in good years. Good news, we discovered at our LFBF Annual Meeting that nursery producers selling fruit trees can accept SNAP or Food Stamps to sell fruit trees to SNAP participants.

The Senate is expected to move forward on Wednesday with cloture votes on tax bills that showcase the campaign positions of the Republican and Democratic parties, although neither of the bills is expected to reach the 60 vote threshold needed to pass cloture and proceed to debate on the measures. Senate Majority Leader Harry Reid's (D-Nev.) Middle Class Tax Cut Act (S. 3412) would extend the 2001-2003 tax cuts for taxpayers making under \$250,000. The bill, which Farm Bureau opposes, does not address the estate tax. Unless Congress acts, in 2013, the estate tax exemption will revert from the current \$5 million per person to \$1 million per person and the top rate will increase from the current 35% to 55%. Also, the spousal transfer provision that allows a surviving spouse to claim the unused exemption of the deceased spouse will be lost.

Reid's bill extends through 2013 the 15% tax rate for dividend and capital gains income. The rate will increase to 30% for other taxpayers. The Republican alternative, introduced by Sen. Orrin Hatch (R-Utah), is the Tax Hike Prevention Act of 2012 (S. 3413). The bill extends the 2001-2003 tax cuts for all taxpayers for one year and contains instructions for passing fundamental tax reform. It also extends enhanced Section 179 small business expensing limits.

#### LNLEFR Update

Pete Newton reported the Gala III was held at the LSU Stadium Club on Friday, June 22, 2012, and went well. Financial estimates were already given by Pat Newman in her treasurer report. There was some discussion about how to get companies to regularly donate and how to let them know what we do; one suggestion was to establish and keep a consistent time of year and location for the event. There was some disappointment in the lack of big money sponsors. Pete asked all to give any suggestions to the Foundation Board.

#### By-Laws Committee

John Kavanaugh reported there is no term limit indicated anywhere in the Articles. The current slate of officers does not have a 1<sup>st</sup> and 2<sup>nd</sup> Vice-President, only one Vice-President is serving at this time. In Article VII Directors, the President, 1<sup>st</sup> Vice-President, and 2<sup>nd</sup> Vice-President are to be elected at the Annual Meeting. An immediate Past President is also mentioned and there are to be at least 8 Directors on the Board. Copies of the Articles and By-Laws that were distributed at the meeting had some wording highlighted in yellow and some typed in red. There was some confusion about which was the final version approved in 2007 or later. Annie Coco will look for the most recently revised By-Laws and email to the By-Laws committee members to be reviewed and brought back up at the next Board meeting.

#### Executive Secretary Search Committee

Mark Murrell reported that Annie Coco was selected to be the Executive Secretary and is here today. This committee will now be the Executive Secretary Review Committee. There was some discussion on the responsibilities of executive secretary relative to the administrative assistant position. In the end, it was agreed that the executive secretary supervises the administrative assistant (and webmaster), is responsible for their jobs to get done, and will hire/fire employees with the approval of the Board. Annie was asked to give a report on the job performances at the October Board meeting.

#### Funding Committee

Buddy Perino reported on a couple of requests for funding. He also showed a plaque received from FFA in appreciation of LNLA's sponsorship. Also, a letter of thanks was received from the 4-H Foundation.

There was a request from Dwight Hughes for the Lighthouse fund. It was pointed out that LNLA has donated about \$770 for this and \$200 to Beacon fund in past. We need to look at Beacon more closely. Indicated need to talk more to Dwight Hughes to find out what are they doing and what is the fee, then bring back to the Board in October. It was pointed out that we are one of few state associations that does not make this part of the dues.

#### Arborist Representation

Amelia Kent (now with Bayou Tree Service) and Hallie Dozier (LSU AgCenter forester) attended to present their concerns to the Board. For the past 10 years or so, there has been no active lobbying voice group for Louisiana arborists. Arborists often tell Hallie Dozier about their problems with DEQ and other entities, primarily at the 8 to 9 trainings she conducts per year. They requested LNLA to become the voice for arborists, not necessary for a designated seat on the Board of Directors.

Note: The rest of the July 25th board minutes are posted on the LNLA website—[www.lnla.org](http://www.lnla.org).

*Bug Doctor (Continued from page 11)*

vae feed for three to four weeks, and most larvae reach the third instar by the fall. Larval activity ceases around 10°C (50°F). Third instar larvae overwinter at about 5 to 15 cm (2 to 6 inches) in the soil. When spring begins, the larvae feed for four to six weeks and then pupate. Pupation occurs near the soil surface.

Adult beetles live a short time when temperatures are high and a long time when temperatures are low. Adults have been shown to live from nine to 74 days (males) and from 17 to 105 days (females) with most adults living from 30 to 45 days.

Beetles are active on calm, warm, and sunny days. They fly during the day and feed on the upper surfaces of leaves in the sun. The parts of the leaf between the veins are eaten out and only the veins are left. This is called "lace-like" or "skeletonized."

When first laid the egg may be spherical, ellipsoidal or slightly cylindrical with a diameter of about 1.5 mm. The egg may have small hexagonal areas on the surface and is creamy white to translucent. The egg becomes almost spherical and increases to twice its initial size.

The larva is translucent and creamy white. It is covered with scattered long brown hairs and short, blunt, spines. The head is yellowish-brown. Each of the three thoracic segments bears a pair of segmented legs. There are 10 abdominal segments. The back end of the larvae may be grayish to dark due to accumulation of fecal matter in the hindgut. The larva is C-shaped and reaches about 2.5 cm (1 inch). Larvae of the Japanese beetle may be distinguished from larvae of other white grubs by the pattern of hairs on the back of the abdomen (rastral pattern). The rastral pattern of Japanese beetles is V-shaped.

The pupa is about 7 mm (1/4 inch) wide and 14 mm (1/2 inch) long. The color of the pupa ranges from pale cream to metallic green.

Adult beetles are shiny metallic green with coppery-brown wing covers and 10 to 12 millimeters long. They are easily recognized by the six small patches of white on each side and the back of the abdomen. These white patches are just under the edges of the wing covers.

The Japanese beetle is native to Japan. It is found in China, Russia, Portugal, Canada and the USA. It was first detected in the United States in a nursery near Riverton, New Jersey in 1916. Since then it has spread to many states east of the Mississippi River. As of 2002 it has become established in at least 30 states. Climatological studies predict that the Japanese beetle will establish itself in all states bordering the Gulf of Mexico.

The Japanese beetle is an introduced pest and there is a quarantine to prevent it from spreading. Infestations of the beetle have

been eradicated in states west of the Mississippi River. It is important to keep the beetle out of Louisiana and eradicate it when it enters Louisiana. Study the description of adult Japanese beetles carefully. Adult beetles suspected of being Japanese beetles may be sent to Dr. Dennis Ring, 404 Life Sciences, Department of Entomology, Baton Rouge, Louisiana 70803. The Louisiana Department of Agriculture and Forestry may be contacted also.

*Board Minutes (Continued from page 25)*

gingko, Dr. Odenwald's favorite tree, was purchased and donated by LNLA and was planted before the event. All of the LNLA Board members who attended were thanked for the donation.

Webmaster

Annie Coco secured Paul Wilson as LNLA webmaster, as of August 1. He reported working 42 hours from Aug. 7 to Sept. 9 and 17 hours from Sept. 15 through Oct. 9. He is currently being paid \$150 per month, plus he will receive reimbursement of internet expense. It was suggested that Paul be invited to a Board meeting soon (December, if possible) to show changes and features of the website.

Storage Unit Rental

Annie Coco requested at the last meeting a one-time rental fee of \$1,000 for LNLA's use of a storage building/office that she purchased for herself. She was told by Susan Webb that a gift cannot be given to an employee, so it would have to be a rental. The Board consensus was to rent the space from her.

Conflict of Interest

As required annually, Board members and officers reviewed the Conflict of Interest policy and signed that they had done so. Copies were provided at the meeting.

Hurricane Preparedness/Recovery

Todd Ellefson stated that the Alabama association sent info out before the storm and suggested that we should put something in place. The following committee volunteered/was appointed: Pat Newman (chair), Buddy Perino, Pete Newton, and Renee Vanglangendonck.

Books Sales

Annie Coco suggested that LNLA only promote sales of their manual and garden guides, and remove from their publications order info the other publications that are not selling. Only one book has been sold this year. She will sell what's left, but not purchase more for future sales, except the two mentioned that are selling.

There being no further business, Buddy Perino motioned to adjourn; second by Mark Murrell; meeting was adjourned.



**MINUTES OF LNLA BOARD OF DIRECTORS MEETING  
HAMMOND RESEARCH STATION, HAMMOND, LA  
OCTOBER 10, 2012**

The meeting of the LNLA Board of Directors was held on Wednesday, October 10, 2012, at Hammond Research Station in Hammond, La. Total attendance was 19 people. Board Members attending were: Brian Bridges, Annie Coco, Todd Ellefson, Dan Gill, Margie Ann Jenkins, John R. Kavanaugh, Robert 'Buddy' Lee, Gerritt Monk, Mark Murrell, Pat Newman, Pete Newton, Allen Owings, Buddy Perino, Renee C. Vanlangendonck. Quorum is 7 voting board members; 10 present; quorum established. Guests/others: Regina Bracy, Bobby Fletcher, Tad Hardy, Ansel Rankins, John Russin. Absent was: Tom Fennell.

President Todd Ellefson called the meeting to order at shortly after 10 am. All stood and participated in the Pledge of Allegiance. Todd welcomed everyone.

Minutes of Last Meeting

The minutes of the last board meeting on July 25, 2012, were distributed by Annie Coco and reviewed by those present. They had also been emailed prior to this meeting. Mark Murrell motioned to accept minutes of the July 25 meeting; second by Buddy Perino; motion carried.

Financial Report

Pat Newman provided copies of the financial report. See below for figures. She stated that the next time LNLA makes a large donation, it should go through the Foundation. As a point of interest, she reported the Foundation made a net profit of \$25,350.80 on Gala III, held on June 22.

LNLA has \$27,127 in its checking account, as of September 30, 2012. Below are the income and expenses year to date.

*Statement of Activities –Nine Months ended September 30, 2012*

*Revenues (Income)*

Dues	\$32,766
Newsletter Ads	7,605
GSHE Show	29,544
GSHE Education	3,555
CNLP Program	3,201
Hort Manuals	14,706
Meadowbrook	2,883
Garden Guides	177
Tree Books	150
Donations	<u>500</u>
<i>Total Revenues</i>	<i><u>\$95,087</u></i>

*Expenses*

Contract Labor	\$25,200
Research	25,000
Donations/Memorials	2,050
Awards	969
Bank Charges	28
CNLP Program	1,785
Hort Manual	4,716
Donation to Foundation	5,000
Insurance	1,119
Internet	912
Meetings	1,765
Memberships	409

*(Continued on page 24)*

*Board Minutes (Continued from page 23)*

Newsletters	5,552
Office Expense	1,478
Postage	2,957
Printing	1,550
Professional Fees	3,075
Promotions	238
Telephone	309
Trade Shows – GSHE	11,201
Trade Shows – TNLA	318
Travel: In-State	987
Travel: Out-of-State	545
Website	<u>1,140</u>
<i>Total Expenses</i>	<u>\$98,303</u>
<i>Other Revenue – Interest Income</i>	\$ 186
<i>Change in Net Assets</i>	<u><i>\$(3,030)</i></u>

Pete Newton motioned to accept the report; second by Buddy Lee; report accepted.

GSHE Report

Pat Newman reminded everyone that Louisiana will do the move in and move out in 2013. She hopes Flowerwood will again provide labor for that. Help is needed from Board members on Tuesday (4 people), on Wednesday (6), and on Friday (6). Tom Fennell usually helps with small trucks. Pat Newman & Annie Coco volunteered to help. In the past, LNLA paid hotel for extra nights of those who help. Allen Owings reported the educational part has all been done. To reduce costs, there is reduced publicity far in advance.

Membership/Directory Report

Annie Coco brought extra copies of the directories which had been mailed out and should have been received by all by now. There have been 3 new members since the last Board meeting. She proposed making an LNLA brochure and new membership application separate, so that when someone joins, they still have printed info with contact info on it to keep. She distributed sample brochures and suggestions were made for changes. She will be meeting with Laura to revise the membership renewal and application forms.

LDAF Update

Tad Hardy reported that he and Ansel enjoyed attending the SELNA Trade Show. Tad also enjoyed attending the National Plant Board meeting in July. Ansel has been chosen to serve on the Member Board Executive Committee of CLARB (Council of Landscape Architects Registration Boards). They sent some inspectors to a regional plant pathology training; they then came back and trained the rest of the inspectors in the state. Downy mildew is in many states. Boxwood fungal disease is not in Louisiana yet. Two species of boxwood are the main trouble; japonica is susceptible. As weather warms, the disease goes away, so the South has not been affected as much. They have hired some new people recently and, after three years of slim staffing, are fully staffed again. There was a request to get grower certification on the spot if the inspections come up clean, to expedite business. There is a compliance committee looking at those issues.

LSU AgCenter Update

Dr. John Russin, Vice-Chancellor, reported there is a 58 minute you tube video to celebrate the 125<sup>th</sup> anniversary of research stations in Louisiana. The Hammond Research Station is at the forefront for serving the nursery & landscape industry. He expressed his thanks to LNLA and LDAF for promoting and telling the story of agriculture. The Chancellor & Vice-Chancellors are aware of the value of HRS to the industry. LNLA and industry professionals are the best suited to tell the story to others. He also thanked LNLA for its continued financial support. Statewide, changes at LSU's highest levels are to consolidate and streamline. The AgCenter's Chancellor is working to keep the AgCenter separate and not another part of the Baton Rouge campus. He urged those present to encourage keeping these separate, as you speak to people.

The long term plans for Hammond Research Station include enlarging the meeting room; they are waiting on FEMA for funding. They are expanding new beds & new greenhouse, thanks in part to LNLA. They want 4 new staff for HRS – 1 new scientist to develop & promote new plants/cultivars, 1 for landscape pest control, and 2 civil service positions. He may come back to LNLA for help funding positions, but they are waiting to see what happens to the budget in fiscal mid-year.

Bloomberg Update

*(Continued on page 25)*



Board Meeting (Continued from page 24)

Annie Coco read a short email sent by Andy Blumberg, who could not attend. Andy reported they have not had many calls in the last month or so, but they expect that, as this has been a busy time for the industry. They will be starting another email blast campaign, and they may be trying some other advertisements also.

Meadowbrook Update

Annie Coco reported she received \$1,000 from them yesterday. Their contribution is based on how much business they get from LNLA members. LNLA members may get a 3-5% discount on their insurance

LNLF SR Update

Pete Newton reported their Board will meet right after this meeting. Pat Newman already gave the financial results of the Gala.

Texas & SELNA Trade Shows Update

Annie Coco reported she walked the Texas show and spoke to and/or gave LNLA member applications to every Louisiana exhibitor she found who was not already a member. A follow up call to those might encourage them to join. She also requested to print member placards on ivory card stock, un laminated, so she will not have to retrieve them just before the close of each trade show. Exhibitors can bring them back themselves, or she will supply them with new ones at each trade show. The cost may be about \$20 for one to two years. No objections. She set up the LNLA display at the SELNA trade show; several newsletter samples were picked up.

CNLP Update

Dan Gill reported the 2013 training dates are January 24-25 at Burden and July 25-56 at ULL. He and Annie need to get with Dept. of Education to determine what is desired/needed for vo-ag teachers certification. They had 3 trainings in 2012; one was special for vo-ag teachers, held in Alexandria. The certified teachers then teach and do some possible certification of their qualified students.

By-Laws Committee

John Kavanaugh reviewed Article VII, which states a 2<sup>nd</sup> Vice-President is to be elected as an officer of LNLA. There was some discussion of whether to amend the by-laws (which would require voting by membership) or elect officers as the By-Laws are. The final decision was to keep as is.

Executive Secretary Search Committee

Mark Murrell stated he will check with the committee to set a date for Annie's annual review.

Funding Committee

Buddy Lee started the discussion on how much more LNLA can afford to give this year. Funding must be considered carefully before giving much more.

HRI (Horticulture Research Institute) was previously proposed at 5 cents per mile that Dan Batson will travel raising funds for this effort. Discussion included HRI has become a business, but they do good research. Buddy Lee motioned to donate \$1,650 to HRI; second by Buddy Perino; motion passed.

The request for the Lighthouse fund was discussed next. They asked for \$10 per paid member. LNLA members have submitted a total of \$927 for Lighthouse and Beacon. There was some discussion about matching members' donations to total \$2,000 per year, but the discussion was tabled for now.

Membership Committee

Gerritt Monk reported there will be a membership effort made to the Baton Rouge Landscape Association at their December 5 Christmas dinner meeting. Pete Newton plans to be there, and Annie will attend. Elena Fennell will be informed that 4 of us plan to attend.

Nominating Committee

Pete Newton presented a list of nominations for officers, Board members, and awards. More suggestions were made at the meeting. Final recommendations will be presented at the December Board meeting.

Arborist Meetings

Annie Coco summarized an email from Hallie Dozier (LSU AgCenter forester). Hallie is in the process of developing the calendar for 2013. They will host 9 CEU classes; she will send notices when all is finalized.

Gingko Donation to Longue Vue

Pat Newman informed the Board that Longue Vue Gardens in New Orleans honored Neil Odenwald last week for his work there. A

(Continued on page 22)

# CALENDAR OF EVENTS

## January 2013 - December 2013

- Jan 16-18 Gulf States Horticulture Expo**  
GSHE, Arthur Outlaw Convention Center, Mobile, AL  
Contact: [www.gshe.org](http://www.gshe.org)
- Jan 17 LNLA Annual Membership Breakfast & Meeting**  
GSHE, Arthur Outlaw Convention Center, Mobile, AL  
Contact: Annie Coco, (P) 985.789.4301, (E) [acoco@agcenter.lsu.edu](mailto:acoco@agcenter.lsu.edu)
- Jan 18 LNLA Board of Directors & Officers Meeting**  
GSHE, Arthur Outlaw Convention Center, Mobile, AL  
Contact: Annie Coco, (P) 985.789.4301, (E) [acoco@agcenter.lsu.edu](mailto:acoco@agcenter.lsu.edu)
- Jan 19 Hilltop Annual Symposium**  
Baton Rouge, La.  
Contact: Hilltop (E) [hilltop@tigers.lsu.edu](mailto:hilltop@tigers.lsu.edu)
- Jan 22 Louisiana Irrigation Association, Backflow Prevention**  
Ralph & Kacoo's, Baton Rouge, LA  
Contact: Severn Doughty, [scd357@cmaaccess.com](mailto:scd357@cmaaccess.com)
- Jan 24-25 Certified Nursery & Landscape Professional Review and Exam**  
Burden Conference Center, LSU AgCenter, Baton Rouge, LA  
Contact: Annie Coco, (P) 985.789.4301, (E) [acoco@agcenter.lsu.edu](mailto:acoco@agcenter.lsu.edu)
- Feb 7 Louisiana Turfgrass Association, Basic Lawn Care Workshop**  
Hammond Research Station, Hammond, La.  
Contact: Ron Strahan, (E) [rstrahan@agcenter.lsu.edu](mailto:rstrahan@agcenter.lsu.edu)
- Feb 13 Louisiana Native Plant Society Winter Meeting**  
Camp Hardtner, Pollock, LA  
Contact: [www.lnps.org](http://www.lnps.org)
- Feb 18-22 Introduction to Arboriculture Short Course & State Exam\***  
LSU Lee Memorial Forest, Franklinton  
Contact: Hallie Dozier, (E) [hdozier@agcenter.lsu.edu](mailto:hdozier@agcenter.lsu.edu)
- Feb 21 Landscape Pest Management Workshop**  
Hammond Research Station, Hammond, La.  
Contact: Allen Owings, (E) [aowings@agcenter.lsu.edu](mailto:aowings@agcenter.lsu.edu)
- Feb 25-26 Technical Tree Felling & Cutting Short Course**  
LSU Lee Memorial Forest, Franklinton  
Contact: Hallie Dozier, (E) [hdozier@agcenter.lsu.edu](mailto:hdozier@agcenter.lsu.edu)
- Feb 27-28 Tree Climbing, Fall Protection and Work Positioning Short Course**  
LSU Lee Memorial Forest, Franklinton  
Contact: Hallie Dozier, (E) [hdozier@agcenter.lsu.edu](mailto:hdozier@agcenter.lsu.edu)
- Mar 5-6 Greenhouse Tomato Short Course**  
Eagle Ridge Conference center, Raymond, MS  
Contact: [www.greenhousetomatosc.com](http://www.greenhousetomatosc.com)
- Mar 13-14 Louisiana Irrigation Association, Basic Certification Class**  
Ralph & Kacoo's, Baton Rouge, LA  
Contact: Severn Doughty, [scd357@cmaaccess.com](mailto:scd357@cmaaccess.com)
- May 17 Nursery/Landscape Open House & Inaugural Margie Jenkins**
- Azalea Garden Hort. Lecture Series, Hammond Research Sta.**  
Contact: Allen Owings, (E) [aowings@agcenter.lsu.edu](mailto:aowings@agcenter.lsu.edu)
- Jun 5-6 Louisiana Irrigation Association, Basic Certification Class**  
Ralph & Kacoo's, Baton Rouge, LA  
Contact: Severn Doughty, [scd357@cmaaccess.com](mailto:scd357@cmaaccess.com)
- Jun 14 LNLFSR Gala IV**  
Stadium Club, Tiger Stadium, Baton Rouge, LA  
Contact: Annie Coco, (P) 985.789.4301, (E) [acoco@agcenter.lsu.edu](mailto:acoco@agcenter.lsu.edu)
- June 18-19 Mid South Green Industry Conference**  
Pearl, MS  
Contact: MSNLA at [haleymsnla@aol.com](mailto:haleymsnla@aol.com)
- Jun 27 Texas A&M University, East TX Bedding Plant Field Day**  
Overton, TX  
Contact: Brent Pemberton, (E) [b-pemberton@tamu.edu](mailto:b-pemberton@tamu.edu)
- July 25-26 Certified Nursery & Landscape Professional Review/Exam**  
Ira Nelson Horticulture Center, ULL, Lafayette, LA  
Contact: Annie Coco, (P) 985.789.4301, (E) [acoco@agcenter.lsu.edu](mailto:acoco@agcenter.lsu.edu)
- August 5-7 Southern Nursery Association, Atlanta, Ga.**  
Contact: (W) [www.sna.org](http://www.sna.org)
- Sept 6 SELNA Trade Show**  
Magnolia Park, Folsom, LA  
Contact: Annie Coco, (P) 985.789.4301, (E) [acoco@agcenter.lsu.edu](mailto:acoco@agcenter.lsu.edu)
- Nov 6-7 Louisiana Irrigation Association, Basic Certification Class**  
Ralph & Kacoo's, Baton Rouge, LA  
Contact: Severn Doughty, [scd357@cmaaccess.com](mailto:scd357@cmaaccess.com)
- Dec 5 LNLA Board of Directors & Officers Meeting**  
Burden Center Orangerie, Baton Rouge, LA  
Contact: Annie Coco, (P) 985.789.4301, (E) [acoco@agcenter.lsu.edu](mailto:acoco@agcenter.lsu.edu)

### Horticulture Update (Continued from page 6)

put a lot of time and professionalism into its beautiful semi-formal garden design. By using 23 AAS Winners in a location next to the Le Jardin des Enfants (children's garden), the AgCenter was able to provide education to children focusing on vegetable, herb and butterfly garden plantings.

Article provided by Allen Owings, professor of Horticulture, Hammond Research Station, Phone 985-543-4125, Fax 985-543-4124, Email [aowings@agcenter.lsu.edu](mailto:aowings@agcenter.lsu.edu)



The Louisiana Nursery & Landscape News is the official publication of the Louisiana Nursery & Landscape Association, Inc. Contact LNLA's Editors if you have green industry news, announcements, have questions or comments concerning it's content. Visit our website at [www.lnla.org](http://www.lnla.org).

The Louisiana Nursery & Landscape Association is a non-profit organization devoted to serving the 'green industry' in Louisiana. However, according to the IRS, contributions made by donors are NOT tax deductible. This publication is not copyrighted. Consequently, it can be copied and used freely. However, the editors request that when copies are made or distributed, that credit be given to the publication and it's authors, including the date the information was published in the newsletter.



Growing Value  
Growing Selection  
Growing Satisfaction  
Growing to Serve You

Price

Selection

Service

Quality

800-535-1887

Windmill Nursery 12398 Hwy. 25 Folsom, LA 70437



**Gulf States**  
HORTICULTURAL EXPO, INC.

- Keep up with the latest innovations & best practices
- Discover new products and techniques
- Build your professional network

January 16-18, 2013  
1 South Water Street • Mobile Outlaw Convention Center  
Mobile, Alabama

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

# BRACY'S

**Reliable. Consistent. Effective. Service.**  
wholesale plants to garden centers and the landscape industry

Retail Quality  
Broad Selection  
On-time Delivery  
Customer Support

Can you afford anything less?



(p) 800-899-4716 • (f) 985-748-9955  
[sales@bracys.com](mailto:sales@bracys.com)