



LOUISIANA Nursery & Landscape NEWS

LNLA Quarterly Newsletter 2007 Vol. 30, No. 1

January/February/March 2007

Inside this issue:

| | |
|---|----|
| <i>LNLA Officers & Board of Directors</i> | 2 |
| <i>In The News</i> | 5 |
| <i>LNLA Annual Awards & Scholarships</i> | 11 |
| <i>Replanting Coastal Cities</i> | 13 |
| <i>SNA New Executive Vice-President</i> | 15 |
| <i>Shipping Nursery Stock</i> | 22 |
| <i>Caladium Trial</i> | 33 |
| <i>Calendar of Events</i> | 35 |

IN THE SPOTLIGHT: NEW LNLA PRESIDENT— DANNY LAFLEUR



**Danny LaFleur
Evette Smith
and
Elter Smith**
(Shown left to right)

Danny LaFleur was born in 1958 and started working for his dad and uncle when he was just eight years old. Herbert LaFleur, his dad, learned the nursery business from Earl Vallot, then owner of Grandview Nursery in Grand Prairie. He, and his brother, John started LaFleur's Nursery in 1961.

Danny being a second generation nurseryman, learned how to propagate plants,

learned how to dig, ball and burlap nursery stock, weed containers and fertilize plants from an early start. In the nurseries lean years, Danny's dad and uncle grew sweet potatoes, cotton and citrus as cash crops until the mid-1960's, when they could grow enough nursery stock to sustain a living.

Early on, the LaFleurs lived on the nursery where they grew container and field

(Continued on page 3)

Nursery & Landscape Golf Shootout

**LSU Golf Course
Friday, May 25th**

*Details on page 14
Deadline May 22nd*

GULF STATES HORTICULTURAL EXPO GROWING STRONG

MOBILE, Ala. (February 19, 2007) — As Mardi Gras revelers celebrated on the streets outside, green industry members had their own reason to celebrate — this year's Gulf States Horticultural Expo was a sold-out show. The Gulf States Horticultural Expo, hosted each year at the Mobile Convention Center by the Alabama Nursery & Landscape Association (ALNLA), Louisiana Nursery & Landscape Association (LNLA), and Mississippi Nursery & Nursery Association

(MNLA) had more than 4000 attendees and 677 exhibiting booths this year.

With a sold-out crowd of exhibitors, the show lived up to its billing as the Premier Winter Tradeshow of the South. Carole Barton, ALNLA president for 2006, says the success could be felt on the show floor. "This was a sold-out year and we're very proud of that. The mood on the floor was upbeat, and it was great to see everyone," Barton says.

(Continued on page 15)



Louisiana Nursery & Landscape ASSOCIATION

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.

BOARD OF DIRECTORS & OFFICERS—2007

LNLA BOARD MEETINGS

Dates have been set for LNLA Board Meetings for 2007. Members are invited to attend and observe any LNLA Board Meetings. However, should you wish to speak or make a presentation to the Board, please make your request in writing and send it to Severn C. Doughty, Sr., 444 Fox Trot Dr., Mansfield, LA, 71052, Fax/phone 318-872-4677, (E) scd357@cmaaccess.com, at least four (4) weeks prior to the meeting so it can be included on the agenda, if time permits.

On May 16th, the 2nd quarterly LNLA Board Meeting will be held at 10am at Ralph & Kacoo's Restaurant, 6110 Bluebonnet Blvd, Baton Rouge, LA, (P) 225.766.2113.

On September 12th, the 3rd quarterly LNLA Board Meeting will be held at 10am at Prejean's Restaurant, 3480 I-49 North, Lafayette, LA, (P) 337.896.3247.

On December 5th, the 4th quarterly LNLA Board Meeting will be held at 10am at McGee's Landing in Henderson, LA. To get there take I-10 to Henderson, LA (just east of Lafayette). Go south at Exit 115 to 1st red light which is a few hundred yards. At the light turn left and go 2 ½ miles. As you pass Pat's Restaurant, on the left, go to the levee and turn right. McGee's Landing is several streets down on the right, (P) 337.280.1774.

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THE BUG DOCTOR

WATER AND pH

In all forms of agriculture one encounters pest problems and one would think it's enough to identify the pest, get the correct material, use the right rate and apply it correctly to get desired control. Usually, that's right but at times your efforts may not be as good as at other times. This raises questions then about the chemical, the application, the calibration or resistance of the insect to the product. But a key factor that many spray applicators overlook is the pH of the spray water. If alkaline water is used, this can result in alkaline hydrolysis and the result can be loss of pest control, loss of time and loss of money.

Understanding the chemistry of water is necessary to understand alkaline hydrolysis. Water is made up of hydrogen (H) and oxygen (O) – two parts hydrogen and one part oxygen which combine to form water (H₂O). In water that is used to mix with pesticides, there are dissolved materials which make the pH of the water either acidic or basic.

Depending on the water source and the surrounding environmental conditions, either the hydrogen ion (H⁺) or the hydroxyl ion (-OH) may be more abundant. This makes the water either more acidic (H⁺) or more basic (-OH). These changes can greatly affect the efficacy of the insecticides mixed in water. Since most insecticides are acid formers, mixing in an acid water solution is best. When mixed in a basic water solution, the acid forming insecticides go through a process called alkaline hydrolysis. This process breaks down the insecticide before it has an opportunity to provide desired results. And it makes one spray more, spend more to manage a pest problem and could cause the pest to build up a tolerance or resistance to the insecticide. The end result is loss of the insecticide to control the pest and the potential loss or increased injury to the plants one is trying to protect.

Around the state pH readings range from 4.3 (acidic) to 12 (basic) with an average pH of about 8.3. This means that the majority of water being used for management of pests is basic and could cause alkaline hydrolysis. The optimum pH for water used to mix insecticides is between 5.5 and 6.5.

There are several methods to check pH. Swimming pool test kits, litmus paper and digital pH pens are all available but the pH pen is by far the best and most accurate to use. Each time one gets ready to spray, the pH should be checked as it can vary with temperature, rainfall and water movement, particularly if being taken from a pond or tank.

The best method of adjusting the pH is to use a buffer. There are several on the market and all are about the same. The only difference is where they are made. This is important to remember because their rates are set by the water in which they are tested. It is important to check pH, add a small amount of buffer, mix and recheck pH. Then gradually add buffer and mix until the optimum range (5.5 to 6.5) is reached. By doing this one will get the desired initial knock down, effective residual and reduction in cost of application. Also, it will reduce the potential for developing tolerance or resistance of the insecticide to the pest and reduce the potential for causing damage to the environment on non-target organisms.

Occasionally, people ask about using vinegar, an acid, to

adjust the pH of water. This will adjust the pH but it is very susceptible to the effects of temperature. If the spray solution is left standing for a period of time and the temperature of the water increases, it can cause the products to break down and the pH of the water will go back up affecting the insecticide in solution. The buffer locks the pH in place and the water can be stored in tanks and used from one day to the next if necessary. Insecticides should not be held in solution for extended periods of time. It is best to mix an insecticide and use it after mixing – insecticides left standing in solution will degrade over time.

It should be noted, however, that the amount of buffer needed to adjust the pH of water may vary from day to day due to environmental conditions. It is very easy and inexpensive to check the pH each time when loading a tank to assure desired results. Besides, the ultimate goal is to insure that the insecticide is working properly.

This article provided by Dr. Dale K. Pollet, Department of Entomology, (P) 225.578.2180, (C) 225.281.0585, (E) dpollet@agcenter.lsu.edu.

(Continued from page 1)

grown stock. During the 1980's Danny's dad selected California grown Indian Hawthorn seedlings and named three cultivars after his three daughters, 'Elizabeth', 'Janice', and 'Peggy'. During this time the LaFleurs grew hundreds of thousands of Indian Hawthorn cultivars; generating up to 45% of total yearly sales.

In 1981, Herbert, Danny and Danny's brother Mike, bought out John LaFleur which totaled 90 acres of field grown and container stock, then in 1997 Danny and Mike bought out their dad's interest in the nursery. The brothers decided to concentrate on just field grown B&B stock and sold and/or traded all their container stock.

Today, Danny is President and Mike is Secretary of LaFleur's Nursery and they have 180 acres of all field grown nursery stock. They run the nursery with 15 employees. Evette Smith, their cousin, is the office secretary and she keeps everything running smoothly.

When asked about his current inventory, Danny said that they had about 3,000, 4 to 7 foot windmill palms; 6,500, 5 to 16 foot crape myrtle cultivars; 6,500, 5 to 12 foot holly cultivars; 1,000, 2 to 3 1/2 inch caliper red maples; and 2,000, 2 to 4 inch caliper bald cypress trees. Of course he also has various other nursery stock available.

LaFleur's Nursery ships FOB to Texas, Arkansas, Oklahoma, Mississippi, Alabama, Georgia, the Carolinas and Florida. In the past, they've even shipped windmill palms to Greenland. Currently, they're preparing an order for a landscape project in Las Vegas, Nevada.

I suppose one could say that LaFleur's Nursery's signature crop is windmill palms. One year, in the 1990's, they sold over \$1,000,000 worth of windmill palms.

For more information on LaFleur's Nursery you may contact them at: 721 Goyo Rd., Washington, LA 70589, (P) 337- 826- 7118, (F) 337- 826- 9955, (E) danny.l.3523@aol.com.

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IN THE NEWS

IN MEMORIAM

LNLA members and all of Louisiana's 'Green Industry' express their heart-felt condolences to all the families who have lost loved ones. Expressions of sympathy would be greatly appreciated should you see these family members.

Janice Green Akin, wife of **Sherwood Akin**, Sherwood's Greenhouses, Sibley, LA, passed away December 24, 2006.

Winifred Chamberlain, mother of **Ronnie and O.D. Chamberlain** of Chamberlain's Nursery in Forest Hill, passed away in January 5th, 2007.

James Adair of West Memphis, Arkansas, brother-in-law to **Dr. Neil Odenwald**, passed away February 5, 2007.

Mrs. **Louise Alexander**, DeQuincey Flower Shop & Nursery, passed away. Ms. Louise and her husband, Morris, have been long time members of the SWLAN.

CONGRATULATIONS

Congratulations to **Windmill Nursery/Hackney Nursery** for winning the 'Best Booth' Award, in the Multiple Green Booth Category, at the Gulf States Horticultural Expo, held February 1-3, 2007 in Mobile, AL.

Congratulations to **Richard Odom** for making the cover of 'Ornamental Outlook' Magazine, February, 2007. 'Odom's Odyssey', page 10, was a great article covering Richard's success and his business philosophy as owner of Country Pines Nursery in Forest Hill.

ANNOUNCEMENTS

LNLA Board Meeting dates have been set for 2007. See details on page 2.

John Deere Landscapes announced the purchase of **LESCO** Inc. in Cleveland. The transaction is subject to LESCO shareholder and regulatory approval. John Deere Landscapes is 114 Stoooperates 300 distribution centers of nursery stock, irrigation and landscape supplies nationwide. LESCO operates 330 stores distributing lawn care, maintenance and golf course products and also hares on Wheels. "It's not just about products anymore," said Dave Werning, John Deere Landscapes pres. "It's about making the contractor's business easier and more profitable. LESCO's model and people know this, and are a natural fit with John Deere Landscapes."

Plant Southern Living, PDSI create partnership Southern Living magazine and Development Services Inc. (PDSI) will develop and market a collection of plants under the Southern Living brand. Plants will include trees, shrubs, bedding plants, groundcovers, tropicals and ornamental grasses. The program will be introduced to U.S. and Canadian consumers in spring 2008. PDSI, headquartered in Loxley, Ala., is expanding its grower network and evaluating plants in anticipation of consumer demand. New plants for the program come from breeders in North America, Europe and Asia.

BRCC's New Horticulture Program

A new program in Landscape Management is now being offered at Baton Rouge Community College (BRCC)! This represents a wonderful opportunity to serve the growing demand for professionally trained horticulturists for careers in the landscape management area. This program was established in cooperation with the Horticulture program at Louisiana State University. Students completing their two year associate degree in horticulture can complete their bachelor's degree in Landscape Management at LSU by completing an additional two years of coursework.

Many of the courses in horticulture will be taught by LSU faculty and students attending BRCC can cross enroll at LSU to further specialize their training. A number of new courses have been developed at LSU for this joint program, for example: Arboriculture, Instillation and Maintenance of Ornamentals in the Landscape, Landscape Construction, Green Industry Business, Plant Materials courses and Turfgrass. These courses are highly focused, taught one or two days a week and emphasize hands-on learning.

Courses at BRCC are ideally suited for people currently employed in the landscape industry – courses are offered day or night. Think about sponsoring some of your talent. Tuition is very reasonable at BRCC and the training will be invaluable.

For more information please contact Laura Younger at BRCC (225-216-6823, youngerl@mybrcc.edu), Don LaBonte at LSU (225-578-1024, dlabonte@agcenter.lsu.edu) or Jeff Kuehny (225-578-2158, jkuehny@agcenter.lsu.edu).

NOTE OF APPRECIATION

Dear Members,

We want to thank you for your generous donation of \$5,000 to the Margie Y. Jenkins Azalea Garden. We were overwhelmed by the generosity of Ms. Margie's colleagues and friends in the Green Industry. Over \$50,000 was raised for the establishment and maintenance of the garden honoring this remarkable woman.

We expect great things from this Garden! Due to your support, the garden will grow and develop into a source of information and be a visual delight for many.

Thank you again for your donation. We hope you will plan to visit Ms. Margie's Garden often.

Sincerely, Regina Bracy, Margie Jenkins, Robert Lee, Allen Owings and Rick Webb

NOTES FROM THE EDITORS

The LNLA staff appreciates all the informational contributions members provide in order to keep everyone abreast of educational features, news, ads, happenings, events and other note worthy information pertaining to our 'Green Industry'. We regret any oversight, errors or misinterpretations in Newsletter content and ask that you contact your staff should you have any concerns.

Contact LNLA's staff if you have "Green Industry" news:

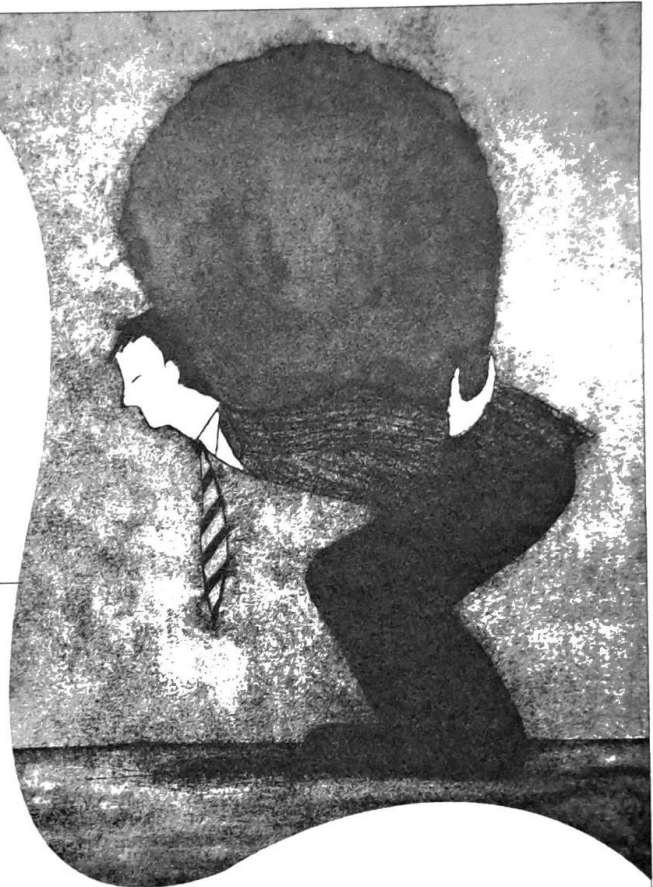
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LSU AgCenter Research and Extension Update

This article provided by horticulture professor Allen Owings at the LSU AgCenter (P) 225.578.2417; (F) 225/578-0773; (E) aowings@agctr.lsu.edu. LSUAgCenter.com is brought to you by the LSU Agricultural Center (LSU AgCenter), and it features research-based information through informative articles, publications, and videos. Whether you're an agricultural producer looking for the latest variety research, a homeowner in need of lawn and garden information, or a parent in need of childcare advice, the LSU AgCenter offers a wealth of practical, research-based information on just about anything.



Athens Select Plants

Athens Select was founded in 1999 and is the result of years of plant evaluation efforts at the University of Georgia by horticulture professor Allan Armitage. Athens Select plants have been evaluated long term at the University of Georgia trial gardens and at other sites in the southeast, including Burden Center, a LSU AgCenter facility in Baton Rouge. These plants are promoted as "heat and humidity" tested. Although we have much more heat and humidity in Louisiana than in Georgia, the vast majority of the Athens Select plants are doing well in LSU AgCenter landscape plant evaluations.

Athens Select plants named thus far include:

'Bourbon Street' copper plant
 'Gail's Choice' alternanthera
 'Linde Armstrong' cleome
 'Red Ruffles Improved' and 'Velvet Lime' coleus
 'Susan's Little Gem', 'Firefly' and 'Plum Mist' cuphea
 'Cuban Gold' duranta
 'Black Beauty', 'Chocolate' and 'Tricolor' graptophyllum
 'Panama Red' hibiscus
 'New Gold' and 'Athens Rose' lantana
 'Ron Deal' and 'Homestead Purple' verbena
 'Stars and Stripes' pentas
 'Tricolor' hypericum
 'Azure Skies' heliotropium
 'Prince' and 'Princess' pennisetum
 'Persian Shield' stobilanthes
 'Rajin Cajun' ruellia
 'Cajun Blue' scaevola
 'Blue Sky' setcreasea
 'El Dorado' turnera

The primary wholesale grower source of Athens Select plants in Louisiana is Dupont Nursery in Plaquemine. You can also see more information on the specific plants at www.athensselect.com.

Rose Study: 'Knock Out' vs. 'Home Run' vs. 'Wild Thing' vs. 'Nearly Wild'

A landscape study on modern shrub rose cultivars was initiated in the spring 2006 at Burden Center in Baton Rouge. The purpose of this study was to determine the overall landscape performance of new rose cultivars that are being compared to 'Knock Out'. Included are 'Home Run' (a 2006 release from Weeks), 'Wild Thing' (a 2007 release from Jackson and Perkins) and 'Nearly Wild' (1941 rose used extensively in landscape plantings prior to 'Knock Out' introduction). Data is presented below. In terms of quality appearance and flowering in the landscape, 'Home Run' is somewhat comparable to 'Knock Out'. 'Knock Out' had slightly superior performance from June-October. 'Nearly Wild' was superior to 'Wild Thing'. 'Wild Thing' and 'Nearly Wild' experience blackspot infestations by late in the year. This study will be continued through 2007. Results some be considered preliminary.

(Continued on page 29)



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JOURNAL OF ENVIRONMENTAL HORTICULTURE

Volume 24, Issue 4 (December 2006)

Pruning Leads to Increased Incidence of Freezing Damage in Abelia Hybrids

Matthew Chappell, Carol Robacker, and Orville Lindstrom, Department of Horticulture, University of Georgia, CAES Griffin Campus, 1109 Experiment Street, Griffin, GA 30223. *J Environ. Hort.* 24(4):197-200. December 2006

Significance to the Nursery Industry: Curtailing freeze damage is of great economic importance to the nursery industry in the Southern United States. Because abelia suffers freeze damage north of USDA zone 7B, any cultural practices that may further reduce cold hardiness should be identified so that businesses can avoid unnecessary losses. This study focused on the effect of mid-season pruning (July 3-4, 2003) on cold hardiness of six abelia genotypes, including the widely utilized cultivars 'Rose Creek', 'Canyon Creek', and 'Sherwoodii'. Over the winter season (October 2003-April 2004), all genotypes with exception of 'Canyon Creek' were significantly more cold hardy in unpruned versus pruned treatments. The month of December 2003 had the most notable differences in cold hardiness between pruned and unpruned treatments. Based on midsummer pruning data, we recommend that pruning not be carried out in summer because subsequent growth is not hardened off prior to winter.

Pendimethalin Influence on Azalea Shoot and Root Growth

Jeffrey F. Derr and Lori D. Simmons, Department of Plant Pathology, Physiology, and Weed Science, Virginia Tech Hampton Roads Ag. Res. And Ext. Center, 1444 Diamond Springs Rd., Virginia Beach, VA 23455. *J Environ. Hort.* 24(4):197-200. December 2006

Significance to the Nursery Industry: Pre-emergence herbicide application is an important means of weed control in container nursery production. The dinitroaniline herbicide class is commonly applied to herbaceous and woody nursery crops for control of annual grasses and certain annual broadleaf weeds. Since these herbicides are root inhibitors, and can affect nursery crop growth, information is needed on the potential for crop injury following application. The results of this study indicate that the emulsifiable concentrate formulation of pendimethalin directly inhibits shoot and root growth in 'Tradition' azalea. Alternative formulations, especially granular types, should limit the potential for adverse effects on shoot growth. Nursery producers utilizing pendimethalin or other dinitroaniline herbicides should monitor root growth in treated plants. Delaying application until azaleas have developed a sufficient root system should minimize any adverse impact on root growth.

Table of Contents

| | |
|---|-----|
| Ground Pine Chips as a Substrate for Container-grown Woody Nursery Crops Robert D. Wright, Jake F. Browder, and Brian E. Jackson | 181 |
| Effect of Dolomitic Lime Rate and Application Method on Substrate pH and Creeping Woodsorrel Establishment Sugae Wada, James Altland, Carol Mallory-Smith, and Jack Stang | 185 |
| Growth Response of Crapemyrtle to Production Light Level and Supplemental Fertilizer K.M. Brooks, G.J. Keever, J.L. Sibley, and J.E. Altland | 192 |
| Pruning Leads to Increased Incidence of Freezing Damage in Abelia Hybrids Matthew Chappell, Carol Robacker, and Orville Lindstrom | 197 |
| Pruning Lower Branches of Live Oak (<i>Quercus virginiana</i> Mill.) Cultivars and Seedlings during Nursery Production: Balancing Growth and Efficiency Edward F. Gilman, Patti J. Anderson, and Christopher Harchick | 201 |
| Nursery Production of <i>Helleborus x hybridus</i>: Management of Nitrogen and Substrate pH Helen T. Kraus and Stuart L. Warren | 207 |
| Establishment and Growth of Begonias in the Landscape as Affected by Root Ball Condition at Transplanting S.M. Scheiber and Richard C. Beeson, Jr. | 213 |
| Comparison of Gardening Activities and Purchases of Homeowners and Renters Bridget K. Behe | 217 |
| Pendimethalin Influence on Azalea Shoot and Root Growth Jeffrey F. Derr and Lori D. Simmons | 221 |
| Evaluating a Line Source Irrigation System for Determining Water Requirements of Herbaceous Perennials Roger Kjølgren and Teresa Cerny-Koenig | 225 |
| Postemergence Liverwort Control in Container-Grown Nursery Crops Adam Newby, James E. Altland, Charles H. Gilliam, and Glenn Wehtje | 230 |
| Growth Stage and Time of the Year Effects on Nursery Crop Tolerance to Diuron C.V. Stripson, C.H. Gilliam, G.R. Wehtje, J.L. Sibley, and J.E. Altland | 237 |
| Author Index | 242 |
| Subject Index | 243 |

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Notes From The Secretary

Severn C. Doughty, Sr., LNLA Executive Secretary



Hi to all my good friends,

I opened my mail today and discovered two documents sent to me by the LSU Department of Agricultural Economics and Agribusiness. The first document was printed in October of 2006 and titled '2005 Louisiana Agricultural Statistics'. Also included was a copy of the '2004 Louisiana Agricultural Statistics'. On the front cover of both copies was the U.S. Department of Agriculture, National Agricultural Statistics Service, Louisiana Field Office logo and the LSU AgCenter logo.

I thought to myself, this might be a good statistical summary of our 'Green Industry'. As I anxiously looked carefully at each page, I was sorely disappointed at what I found. The only reference to our 'Green Industry' was one page on floricultural crops. NOTHING about woody wholesale crops, turf production, or anything about the service aspect of our industry – which includes landscape design, landscape contracting, maintenance/lawn maintenance, horticultural spray applicators, interior contracting and maintenance, horticultural services or arborists. NOTHING was mentioned about independent retail garden centers, mass merchandisers selling gardening products or allied suppliers either.

As I mentioned in my last column it was reported in 2003 that the overall economic impact of the Louisiana 'Green Industry' was estimated at 2.21 billion dollars. Our total 'Green Industry' was ranked 3rd in the state. Only forestry and cotton, respectively, exceeded that in total value.

Something is terribly wrong with this picture!! And it tells me WE as an industry have a long way to go to educate the 'powers that be' at LSU, LSU AgCenter, Louisiana Department of Agriculture and Forestry, state legislators and state government as to the size, value, worth and importance of our industry.

Many of Louisiana's agricultural commodities are shrinking in number of producers and total value as agriculture shifts to other parts of the country. And Louisiana's agricultural producers are getting older and retiring. Regrettably, very few young farmers are entering production agriculture unless they inherit the farm from their parents or work for large corporate agricultural producers.

Not so with our industry. We are on the rise and one can make a good to excellent living working in the 'Green Industry'.

We as an Association need to tell our story to 'the powers that be'. Currently, we have virtually NO voice in our industry's fate and that MUST change. You cannot be complaisant. We must take an activist role in educating everyone of the importance of our industry. Time is ticking!!!

From mid December through all of January, I spent many hours preparing for our Annual Membership Meeting and the Gulf States Horticultural Expo (GSHE) exhibit. I have to say it was a great show for LNLA.

Our Annual Meeting went exceedingly well and Laney Strange did an excellent job of conducting it. We accomplished passing the Articles of Incorporation, By-Laws and Conflict of Interest Policy which if we are audited by IRS, we should fare much better now than before it was passed - my thanks to all the Regular voting members for supporting these important changes.

I was so happy with the LNLA, LSU AgCenter and Louisiana Department of Agriculture & Forestry exhibit at GSHE. We had lots of help manning the booth and my thanks to Craig Roussel, Drs. Mark Leblanc, Ed Bush, Paul Wilson and Allen Owings for spending so much time in the exhibit. I want to extend a special thank you to Annie Coco and Leo for all their help during the entire show. Leo, I really appreciate you helping me tear down the exhibit. Also, I want to say a special thank you to Drs. Ed Bush, Paul Wilson and Allen Owings for setting it up in the first place.

I want to say too that it was so wonderful to see some very old and dear friends at the show. As I visited with our new President, Danny LaFleur, in his exhibit, I saw Cricket Heumann, formally with Donald O. Heumann Greenhouses in Poydras, LA and Rohm's Florist in New Orleans. Cricket had been very sick and once he received

(Continued on page 20)





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2007 ANNUAL AWARDS AND SCHOLARSHIPS

THE 2007 JAMES A. FORET AWARD WINNER

The Louisiana Association of Nurserymen (LAN) was chartered in September, 1954 born of the Louisiana State Horticultural Association. Today's recipient of the J.A. Foret Award is the only living Charter Member of LAN and was one of the three original incorporators and was elected President in 1957.

In 1955, Johns and Murphy Poole sold the Poole Brothers Nursery in Forest Hill to a three-way partnership. This partnership consisted of H.J. Poole, Jr., Sam Poole and George Johnson (George was a son-in-law of one of the original Poole Brothers).

The Poole's and Johnson decided to dissolve their partnership in 1970 and the original Poole Brothers Nursery was divided into three separate nurseries. George, of course, named his nursery after himself – George Johnson Nursery, Inc.

George once said: "Sometimes when I look back to my early years in the nursery business, I'm amazed that we survived and I'm so proud to be associated with an industry that has taken steps to be on the cutting edge of today's technology."

Now his son, Murphy Johnson, is president of George Johnson Nursery.

Congratulations to George Johnson, recipient of the 2007 James A. Foret Award.



(Left to right) Murphy Johnson and his wife Cindy, Mrs. Vera Johnson and Mr. George Johnson, along with Vicky and Robert Johnson.



Tom Pope

LNLA DISTINGUISHED SERVICE AWARD – 2007

LNLA was pleased to present a Distinguished Service Award to Dr. Tom Pope. He is a retired extension horticulturist at the LSU AgCenter. Dr. Pope has degrees from Mississippi State University, LSU and Ohio State University and retired from the LSU AgCenter in 1993 after 32 years of service. He was instrumental in working with Robert Young in Forest Hill on the release of 'Bonnie' dogwood. He also has promoted the positive landscape attributes of Taiwan cherry and other ornamental plants in the Baton Rouge area. Dr. Pope authored over 30 extension publications while at LSU and worked diligently in serving the consumer and commercial horticulture audience around the state. He is the author of two books – "Attracting Birds to Southern Gardens" and "Plants for American Landscapes".



Allen Owings (right) presenting to Bobby Dupont

LNLA PROFESSIONAL ACHIEVEMENT AWARD – 2007

Mr. Bobby Dupont, Dupont Nursery, Plaquemine, LA was recognized by LNLA with a Professional Achievement Award. Bobby has been involved in the green industry in Louisiana since 1954 and began a hibiscus breeding effort in 1997. He is an active member of the Red Stick Hibiscus Society and the American Hibiscus Society. He has currently developed close to 100 cultivars of 'Cajun' hibiscus being promoted and marketed by Dupont Nursery. His hibiscus cultivars have been recognized as award winners by the American Hibiscus Society – 'Black Dragon' won hibiscus of the year for 2005 and 'Etouffee' was the runner-up.



Pat Newman (left) presenting award to Pete Newton

LNLA PROFESSIONAL OF THE YEAR AWARD – 2007

Pete Newton hails from Arkansas. He graduated from the University of Arkansas with a BA in Horticulture in 1977. He earned his Masters in Landscape Architecture from LSU in 1982.

From 1979 until 1990 Pete worked for ProScapes in Baton Rouge in the design build end of the industry. In 1990 he started the Newton Landscape Group, a full service Landscape Company.

Pete Newton is married to Carol for 25+ years. They have two sons, Garrett and Grayson. Garrett, 18, is currently studying Landscape Architecture at LSU. Grayson, 21, is currently working with Pete in his business. This is a family that is truly immersed in the green industry.

Pete has served the green industry on numerous occasions as: President of

(Continued on page 25)

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Replanting Coastal Cities

It is a little known fact of nature that coastal forests are renewed and reinvigorated by slashing hurricane winds and surging saltwater tides. This process regenerates new populations of trees, shrubs and understory vegetation. However in rural coastal areas this process takes a generation. St. Tammany Parish arguably suffered the most extensive damage to forested areas many of which will re-establish naturally in time. Estimates vary somewhat, but by most documented accounts some seventy (70) percent of the pre-storm forest is gone.

In the city reforestation of the urban forest is undertaken in a different manner.

Within the city, the replacement forest must be planted by citizens and public agencies simply because the natural forces that rejuvenate the rural forest do not apply. In the country, reseeding and natural germination takes place largely assisted by running water, winds and wildlife such as birds and animals. These forces distribute seeds that eventually germinate to grow the forest of the future. It does not work this way in the city. City residents cannot wait a generation for the forest to regenerate.

Unfortunately this destructive natural phenomenon known as Katrina-Rita leaves our coastal urban forests in temporary ruin. The urban forests of our coastal cities and parishes are populated with broken leaning trees, truncated branches and fractured rootballs. Downed trees within these communities are tinder for urban

forest fires while thousands of standing trees have died from an onslaught of post-storm systemic stresses. Stresses such as salt water intrusion, standing water, sedimentation and equipment damage caused by cleanup operations. Apart from structural wind damage and salt water intrusion, recent drought and infestations of tree destroying insects that have left the urban forest a patch work of their former beauty and ecological productivity.

City living requires that our urban forests, city open spaces and planted public lands must recover quickly. This will allow the next generation to appreciate the same climax coastal forest and city urban forests we have enjoyed over the last forty years.

In cities such as New Orleans, Slidell, Mandeville Houma, Thibodeaux, Lafayette and Lake Charles, citizens must effectively hurry along the natural recovery process while at the same time strengthening the urban forest by instituting recovery programs based around the replanting of hurricane resistant species that will be prepared to buffer and protect homes and properties from future storms

Thus it is imperative that we act with a sense of urgency to restore the beauty, tranquility and vibrancy of coastal living. There are several things coastal communities, Slidell to Lake Charles, should do to rebuild the coastal urban forest.

It is critical that the City Mayors, Parish councils, elected officials and private organizations address this important quality of life issue.

First, community landscape codes and tree ordinances need to be revised to address hurricane force winds and coastal flooding. These codes and ordinances need to set standards for the use of hurricane resistant species. The codes might even provide that certain species of trees be banned for use in storm prone areas. There is a growing

(Continued on page 20)

Nursery and Landscape GOLF SHOOTOUT



Friday May 25th

Registration 7:00 - 8:15 am
Shotgun Start at 8:30 am
Entry Deadline: Tuesday May 22nd

LSU Golf Course

Nicholson Drive at Burbank Drive
Baton Rouge, LA



Format

4-person scramble. Gift certificates awarded for first, second, and third place. Multiple flights will be formed if a sufficient number of teams enter. Individual entries and team entries accepted (maximum of one single digit handicap player per team). Red blaster holes, closest to pins, long drive contests, etc. are included.

Entry Fee

\$50/person or \$200/team. Includes green fee, cart, range balls, refreshments, lunch, prizes, and 2 mulligans/person. Individual entries accepted - will assign teams if needed.

Sponsorship Opportunities

\$150 / hole. Includes tee box sign, recognition in shootout program, and complimentary listing in Louisiana Nursery and Landscape Association quarterly newsletter and magazine. Sponsorship includes one player's entry.

Registration

Team Entry or Individual Entry (please circle to indicate)

Player _____ Handicap or Average Score _____
 Address _____

Player _____ Handicap or Average Score _____
 Address _____

Player _____ Handicap or Average Score _____
 Address _____

Player _____ Handicap or Average Score _____
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Sponsorship

Attach Business Card (if available / applicable)

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Attach check or money order payable to **Nursery and Landscape Fund** and forward to: Allen Owings, LSU AgCenter, P. O. Box 25100, Baton Rouge, LA 70894-5100. For further information contact Allen Owings at 225.578.2417 (aowings@agctr.lsu.edu) or Ed Bush at 225.578.1044 (ebush@agctr.lsu.edu). Registration deadline is May 22, 2007. Proceeds benefit LSU AgCenter nursery and landscape research and extension efforts.



STEVE NEWTON NAMED SNA EXECUTIVE VICE PRESIDENT

ATLANTA, Ga. (March 5, 2007) SNA President Skeetter McCorkle announced today that Steve Newton has been named Executive Vice President of the Southern Nursery Association.

"SNA has found the right leader for our ever changing market place," said Skeetter. "Steve will build on the platform of our past leaders and take SNA to new levels as we serve our members in this great industry. With Steve's skill set and experience, we can expect to see SNA fulfill its mission of becoming an industry leading forum for commerce, innovation and professionalism."

A three-month nationwide search yielded numerous applicants for the Executive Vice President position. The search and selection task force, chaired by SNA Vice President Bill Turk, narrowed the search to three candidates who were interviewed at the SNA office in Atlanta. Steve Newton was chosen after the process clearly identified him as the right choice for the SNA organization and the industry.

Bill said "After being blessed with nearly 100 applicants, our task appeared daunting. Through weeks of narrowing down the list, we remained committed to delivering the SNA Board the best group of applicants we could. Finding Steve Newton is the result of that diligence."

Since 2002, Steve Newton has been serving in the Bush Administration as State Executive Director of the Georgia Farm Service Agency and most recently as Special Assistant to the Administrator in Washington D.C. As State Executive Director, Steve had oversight responsibility for over one billion dollars in annual federal program payments to Georgia farmers through a network of 82 local offices and 350 FSA employees.

Steve served as the Executive Vice President of the Forest Landowners Association in Atlanta from 1994-2002 where he coordinated all aspects of the association's membership development, strategic planning, financial management, personnel and key project initiatives. During his time as the executive vice president, the Forest Landowners Association increased their membership from 3,200 to over 11,000, expanded the scope of the organization from the regional level to the national scene and strengthened their local services by reorganizing state organizations.

As a legislative assistant for U.S. Senator Paul Coverdell in Washington, D.C. from 1993-94, his duties included monitoring federal legislation that affected Georgia's citizens with a special emphasis on agriculture, energy and the environment. He developed legislative strategies to assist with projects important to Georgia's rural economy and met with constituents and responded to qualified concerns and issues through legislative and regulatory channels.

He also served as commodity director at the American Farm Bureau Federation in Chicago, Il. from 1986-1993 and was a commodity director at Agricol in Atlanta from 1984-1986.

Steve received both a B.S. and a Master of Science degree in Agricultural Economics from the University of Georgia and his MBA in Finance from DePaul University in Chicago. He is a member of the Georgia Society of Association Executives (GSAE) and the American Society of Association Executives (ASAE).

A new era begins at SNA when Mr. Newton begins his duties on April 2. Make plans now to meet Steve Newton at the SNA Forum 2007, which takes place August 9-11 at the Georgia World Congress Center in Atlanta.

The Southern Nursery Association, established in 1899, is a not-for-profit professional trade association representing the horticulture industry in the southern U.S. through educational, commercial and research opportunities. For further information on SNA, contact the Southern Nursery Association, Inc. at 1827 Powers Ferry Rd. SE, Ste 4-100, Atlanta, GA 30339-8422, Phone: 770.953.3311, Fax: 770.953.4411, Email: mail@sna.org or visit the SNA Website at www.sna.org.

(Continued from page 1)

Four companies were recognized for their strong booth exhibits: Ten Mile Creek Nursery — Best Single Booth, Green Goods; Windmill Nursery & Hackney Nursery — Best Multi-Booth, Green Goods; Metal Art America — Best Single Booth, Allied; and Jackson Pottery — Best Multi-Booth, Allied.

Steve Thomas, an ALNLA board member whose Waverly, Ala.-based company, Greene Hill Nursery, is also an exhibitor, said the Expo was a profit-center and a point of pride.

"Everyone is much more excited at that show than they have been in the past," he says. "So many people that I talked to said, 'What's happened at this show? It's gotten fun.' At least five different exhibitors told me this was the best show they do. And these exhibitors do larger shows, too. When I hear stuff like that, it makes me proud."

His sales post-show followed an expected positive pattern, he says. "We don't necessarily write a lot of orders at the show, but we do afterward — thousands of dollars worth of orders tied to the show. I used to worry about not writing a lot at the show, but I don't now, because I know it's going to happen."

Todd Carnley, general sales manager for Loxley, Ala.-based Flowerwood Nursery Inc., says the show was productive in terms of orders for his company.

"It was a great show — one of our better shows," he says. "The difference for this show is we wrote a lot of orders. Plants are tight in the market, and customers are concerned about plant availability and they want to make sure they are covered for the spring."

Don't miss out on next year's success — mark calendars now. Educational seminars for the Gulf States Horticultural Expo 2008 are slated for January 17. The Expo will be held January 18 and 19, 2008. For more information on the **Gulf States Horticultural Expo**, visit www.gshe.org, call 334-502-7777, or email info@gshe.org



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NOTES FROM THE MAST ARBORETUM

Just this once, allow me to plug the Azalea Society of America's 2007 National Convention coming up March 29 through April 1 in Nacogdoches, Texas. This is just a hop, skip and a jump from many Louisiana nurserymen and landscapers and a unique opportunity to catch a great conference and the SFA Mast Arboretum in full glory. Along with the Louisiana Chapter of the Azalea Society of America, we will be hosting "Azaleas in the Pines – A Texas Garden party." This is going to be a first-class conference! Attendees will tour by bus some great gardens and nurseries in Nacogdoches, Tyler and other East Texas locations - and enjoy evening lectures on various aspects of azalea care and garden design. Plant sales, auctions and raffles are also planned, along with a banquet and other special meals.

A day trip to nearby Tyler will include a tour of the azaleas and Japanese maples at the renowned Tyler Rose Garden, as well as visits to the Azalea Garden at Tyler Junior College and other public and private gardens. Among the highlights of the convention will be a tour of the Ruby M. Mize Azalea Garden on the SFA campus in Nacogdoches. As the largest azalea garden in Texas, we can boast more than 7,000 evergreen and native azaleas nestled in a loblolly pine forest alongside historic Lanana Creek. Most important, we have sprinkled a wide diversity of exotic and native shrubs into the planting – there are some exciting plants here. Those of you who have been here know we believe in "drifts of one" and our goal is simple – we want it all.

Convention speakers include yours truly, and I'm a professor of Horticulture and the Director of the Mast Arboretum and Pineywoods Native Plant Center. Always a great lecture, Greg Grant, author and horticulturist extraordinaire, is on board. Next, we have Louisiana's own Robert "Buddy" Lee, president of the Azalea Society of America and father of the repeat-blooming EncoreTM azalea series. Len Miller is founder and designer of Lendonwood Botanical Garden in Grove, Oklahoma, and the current President of the 5,000-plus member of the American Rhododendron Society. He has pushed the envelope for years with maples, conifers, and Rhodies emphasized. Finally, we are pleased to have Tom Spencer on board. Tom is a Texas-based freelance writer, photographer, television producer and radio personality from the Austin area.

Most important for our nurserymen and landscapers, this is a low cost conference! The convention fee is \$45 if registered by Feb. 22. Late registration is \$75. Additional fees will be required for meals and bus tours. Registration forms and other convention information can be found online at www.nacogdochesazaleas.com or by calling the Nacogdoches Convention & Visitors Bureau at 1-888-OLDEST TOWN or 936-564-7351. A special room rate of \$79 is available at the historic Fredonia Hotel for conference attendees. For room reservations, call 1-800-594-5323 or 936-564-1234.

This article provided by Dr. Dave Creech is a Professor of Horticulture and Director of the SFA Mast Arboretum at Stephen F. Austin State University, Nacogdoches, Texas dcreech@sfasu.edu



HAPPENINGS AT THE HAMMOND RESEARCH STATION

Margie Y. Jenkins Azalea Garden. The Garden Party honoring Ms. Margie Jenkins was a great success...in many, many ways. We were successful in terms of money raised for the Margie Y. Jenkins Azalea Garden (over \$53,000). We were successful in recognizing *our* industry icon and a remarkable lady (over 200 people attended the garden party). We were successful in laying the foundation for an azalea garden located in Louisiana that has the promise of becoming world-class. The Margie Y. Jenkins Azalea Garden is a new garden...and so our beginnings are humble. We currently have 17 beds planted with Encore (23 varieties) and Robin Hill Hybrids (13 varieties) along with Japanese maples, magnolias, gardenias, and other native plants. Our plans for this spring are to add another 20 beds and fill these with Glen Alford azaleas and native plants.

Shade & Understory Garden. Our shade garden is almost sunny thanks to Hurricane Katrina! We lost so many trees to Hurricane Katrina and the opportunistic Ips beetles that a major effort is underway to replace the tree canopy in the area known as the Shade and Understory Garden (includes Jenkins Azalea Garden). With a large grant from the La Dept of Ag &

Forestry and USDA Forestry Service, we plan to plant 300-500 shade and understory trees and shrubs in this area during the next year.

New Office Building. Construction on the new office/conference building should begin in the next few months. Our current office building was built in the late 1940's and suffered roof and water damage during Katrina. The new building will have offices for scientists and large and small meeting rooms for hosting educational programs. Funds for this construction were self-generated from sale of station property.

Research Plans. In 2007, we plan to increase the number of caladium varieties to be evaluated and add in rudbeckia, zinnia, and new vinca varieties for evaluation. We will continue the evaluation of 15 verbena and 17 lantana varieties through the spring and summer.

Dr. Yan Chen will continue her research on fertility of ornamental plants and weed control in landscape beds. We plan to host another Research Field Day for landscape professionals in June. More details will be provided later. See pg. 33.

Submitted by Regina Bracy, Resident Coordinator, LSU AgCenter, Hammond Research Station

Welcome!

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December 2006 - February 2007

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Kathryn Karsh Fontenot

Southeastern Louisiana University-Students

Emily Brady, Aaron Catalanatto, Lori Crais, Vernett Knight,
David Landry, Tessa Lee, Aylon Putt, Derek Quebedeaux,
Maghee Shaw, Bridgette Shiflet, Amy Ventress, Jessie Williams

University of Louisiana-Student

Greta Goranova



LOUISIANA Nursery & Landscape NEWS

LNLA's newsletter, *Louisiana Nursery & Landscape News*, is a quarterly publication. Advertisement space can be purchased by any green industry business. A discount is available to LNLA members with annual contracts.

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Ad copy: Two copies are required. A velux hard copy and a file copy in a .tiff format (only) with fonts converted to curves.

For further details contact the editors:

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“Small Giants”

By Mark Mayberry

Inc. magazine has long been a favorite of mine, and when my friend, Marty Grunder, sent me a copy of Bo Burlingham's new book, “Small Giants,” I knew it would be a winner. Bo played a major part in Inc.'s tremendous growth over the past several years. The subtitle of Bo's book is “Companies That Choose To Be Great Instead Of Big,” with the key words being “choose” and “great.”

Now there's a thought – go for greatness instead of just trying to get bigger every year. The next logical question would be, “If we become great, doesn't that also mean that we'll also become a “giant?” Not necessarily. It's a choice. In fact, Bo's first step is something he calls, “Free To Choose.”

Here's a direct quote from Bo's book: “First, I could see that, unlike most entrepreneurs, their founders and leaders had recognized the full range of choices they had about the type of company they could create. They hadn't accepted the standard menu of options as a given.” In other words, these “small giants” realized that they did not have to follow the “normal” path of growth. Bo tells a story about Gary Erickson, who was about to sell his \$39 million-a-year company, Clif Bar, for \$120 million – and backed out at the last minute. Everyone thought that Erickson was a fool, including investment bankers and venture capitalists, who “assured him that the company would be crushed.” On top of this, Erickson's 50% partner demanded that Gary buy her out immediately. Times were tough at the start, but in the next 5 years, Clif Bar more than doubled in sales – without outside investors. In addition, Erickson did not have to substantially add to his workforce to achieve this.

Here's a brief summary of the rest of Burlingham's chapters in his book:

Who's In Charge Here? – In spite of outside pressures, “Small Giants” keep control of making the decision-making process within their companies.

The Mona Lisa Principle – “Small Giants” understand the importance of being involved in their communities. They also realize that what works for them in their community may not work in others. (An example is Skyline Chili, an icon in Cincinnati that struggles when they try to expand more than 100 miles from Cincinnati.)

Ties That Bind – No surprise here. “Small Giants” have fantastic relationships with their Customers – and their vendors.

A Culture Of Intimacy – This chapter is all about the Internal Customers – every company's Team Members. The “Small Giants” help their Team Members with “a broad range of their needs as human beings.” It goes way beyond a paycheck.

Galt's Gulch – This chapter was a challenge to understand. I have not read “Atlas Shrugged,” which is where this phrase comes from. The chapter is something about the way that “Small Giants” set their companies up, or as Bo calls it, their “modes of governance.”

Pass It On – What happens when a “Small Giant's” leader steps down? I've come across several examples of this lately, as business leaders are finding that it's not as easy as it used to be to “pass it on.” Many have children that have no interest in carrying on the business, and the value of many companies make it hard to find a buyer that can afford to purchase the company.

The Art Of Business – Bo's last chapter reminds us that running a business truly is an art. Bo states that successful leaders have managed to stay in touch with – and are focused on – “what most of us would

probably agree are the good things in life.” The “Small Giants” have found a way to stay focused on the good things – and these things are good for the leaders, their Team Members, their Customer, their vendors – and everyone else that is on their “Shazzam Circle.” (John Scriven and I describe this circle on pages 65-70 of our book, “Building The Dream Workforce.”)

Bo's book has a great perspective on running any business, no matter how big or small. If you figure out the “Galt's Gulch” chapter, let me know. I'm still shrugging at that one.

© Mark Mayberry

YOUR SHAZAM CHALLENGE

What “choices” can you make to turn your nursery/landscape company into a “Small Giant?”

Don't miss the Customer Service event of the year! Marty Grunder, landscaper and speaker extraordinaire, are getting together for a Customer Service workshop in Atlanta on April 23rd and 24th. Call Mark for details! (800) 394-6138

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(Continued from page 13)

body of literature in Louisiana and Florida identifying species called 'survivor trees' or 'victim trees.' Documented information is being published by the LSU Ag Center, the LSU Hurricane Center and the LSU School of Landscape Architecture that can be used to amend local codes and ordinances to address the use of trees that are hurricane resistant to low category storms.

Secondly it is important that cities undertake routine pre-storm inspections and maintenance to keep urban forests as healthy and strong as possible. Park departments, public works divisions and tree and landscape commissions in the state should conduct these operations each April and May. Victim species as well as weak, structurally unsound, leaning, insect infested, dying and dead trees should be pruned or removed immediately and replanting with survivor species should be done the following late winter or early spring.. Green infrastructure of a city is a living system and requires a limited measure of annual maintenance.

Hurricane Katrina-Rita and it's aftermath have inflicted great damage to the urban forest canopy of our coastal cities.

Finally it is important that the 'Green Industry' in this state bring attention to the fact that Hurricane Katrina-Rita and its aftermath have inflicted great damage to the urban forest canopy of our coastal cities. The 'Green Industry' can assist in recovery activities through public education, information distribution and providing landscape materials that will encourage the replanting of boulevards, parks, open spaces and private gardens of our coastal cities to regain the pre-storm tree canopy that provide so many services and benefits to our southern way of life.

Please feel free to contact Abbey at lingreenlaw@aol.com or call the LSU School of Landscape Architecture at 225.578.1431.



Damage from Katrina

(Continued from page 9)

a liver transplant, he recovered marvelously. Nicky DeBastista formally of DeBattista Garden Center was with Cricket and both lost so much after Hurricane Katrina. Later, I saw Frank Evans. He's a landscape contractor in Metro New Orleans and has done well there over the years. Frank, you may recall, was one of the 'movers and shakers' in setting up the 1981 Louisiana Association of Nurserymen Convention and Trade Show at the Monteleone Hotel in the French Quarter of New Orleans.

I ran into Louie Brecca whom I've known for close to 30 years too. Louie and I plus several others attended the TANMISSLARK Show in Houston, TX in 1978 which was my first trade show. What great memories.

Lastly, I attended the ANLA Town Meeting this year at GSHE and was brought up to date with some important issues of which ANLA is involved. They are working to have input in the 2007 Farm Bill and hopefully, the nursery industry will be included in research monies and in certain regulatory issues. Our industry currently represents 0.1% of the total Ag. Budget – not very much!!

ANLA also is partnering with the Nature Conservancy and working with the National Invasive Species Task Force.

Remember, if you have a comment, announcement, request, criticism or if you'd like to contribute to the Newsletter, please contact me at 318-872-4677 or email me at scd357@cmaaccess.com. Until next time.....

Best Regards,

REGIONAL REPORT FROM GREEN INDUSTRY ASSOCIATIONS

SELNA UPDATE:

The Southeast Louisiana Nursery Association (SELNA) had its annual Christmas party on Saturday, December 9, at the home of Annie Coco, SELNA Secretary and LSU AgCenter county agent. Twenty-five to thirty members, spouses, and guests attended and enjoyed good food and friendly conversation.

Thirteen SELNA members, 11 nurseries and 2 allied members, exhibited at the Gulf States Horticultural Expo in Mobile, Ala., in early February 2007. Several more attended the trade show, and two members were speakers in the Azalea workshop, Robert "Buddy" Lee and Ms. Margie Jenkins.

Buddy Lee, of Transcend Nursery outside Independence, La., is the breeder of the Encore azaleas. That line of azaleas increased consumer interest in azaleas with its multi-seasonal blooming.

Ms. Margie Jenkins, of Jenkins Farm & Nursery outside Amite, La., is well known in the green industry throughout the southeast U.S. for her specialties and knowledge of azaleas and native plants.

Over 800 of the new 2007-2008 Southeast Louisiana Wholesale Plant Locator List, including the nursery locator map, were distributed from the LNLA booth and SELNA members' booths at the Mobile trade show. Thirty-two member nurseries and two allied members participated in the plant locator list. The list is compiled by LSU AgCenter employees and funded by SELNA members who choose to participate. Several new members participated, and the new bright green cover makes it very noticeable.

The SELNA website is now being updated with the new listings from the wholesale plant locator list and map and membership.

The next event for SELNA will be the spring meeting, usually sometime in March, at which officers for the next two years will be elected.

For more information on SELNA, contact Annie Coco at 985-748-9381 or visit our website www.selna.net.

Submitted by Annie Coco, SELNA Secretary, and County Agent, Tangipahoa Parish, LSU AgCenter

SWLAN UPDATE:

The next meeting will be held March 20th at Dixie Landing Nursery, Hwy 171, DeRidder, LA

Howard Thorne, SWLAN Secretary, 17868 Lake Charles Hwy., Leesville, LA 71446 (P) 337.462.2914 (F) 337.462.1642.

NOWLAN UPDATE:

The Northwest Louisiana Nursery and Landscape Association met on February 15, 2007 at the Shreveport Green office, 3625 South ern Ave., Shreveport, LA. The meeting began at 6:30 P.M. with a lovely meal provided by the Shreveport Green staff. Those in attendance included: Tina Pickett, Dr. Joe W. White, Donna Curtis, Yvonne Lee, Gordon Boogart, Lee Jeter, Stan Hadly, Danny Lex, Dorothy Long, Janet Creech, Michael Misuraca, Denyse Cummings, George Peters and Severn C. Doughty, Sr.

After brisket, beans, rolls, potato salad and cake deserts, Severn made a few announcements. The NOWLNLA meeting dates for the remainder of 2007 are: August 30, 2007, 6:30 P.M. at 511 Sleepy Hollow Pl., Shreveport, LA, 318-797-8617. Dr. Joe White, his wife, Barbara and daughter, Barzanna, will host the meeting. The educational program will be presented by Dr. Dale Pollet, Entomologist with the LSU AgCenter, Baton Rouge, LA.

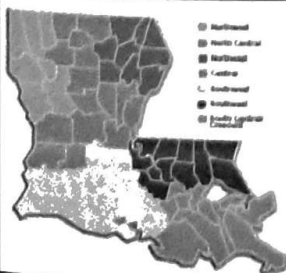
The last meeting date will be November 8, 2007, 6:30 P.M. at the American Rose Center, 8877 Jefferson Paige Rd., Shreveport, LA, 318-938-5402. John and Mary Cash of Arklatex Water Gardens in Shreveport will host that meeting. The educational program will be provided by Dr. Dave Creech, Professor of Horticulture and Director of the SAF Mast Arboretum at Stephen F. Austin State University, Nacogdoches, TX.

Severn then provided information on the Hutchinson's Tree Book and indicated that he had two for sale. Both were purchased. He also stated that if anyone would like to become a member of LNLA that he would be happy to take their application. One indicated that she would join later and Lee A. Jeter of Shreveport Green submitted his membership application - Congratulations Lee!!

Severn presented his slide presentation, on Cold Hardy Palms for North Louisiana, and introduced the audience to a relatively new publication titled, 'Cold Hardy Palms' by Dr. Alan W. Meerow, 2005, Betrock Information Systems Inc., Hollywood, FL. After the presentation Severn took orders for five of the books.

The meeting concluded at 8:15 P.M. after much discussion and questions pertaining to cold hardy palms.

Minutes respectively submitted by Severn C. Doughty, Sr.



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

NOWLAN:

Severn C. Doughty, Sr., LNLA Exec. Secretary, 444 Fox Trot Drive, Mansfield, LA 71052 (P) 318.872.4266
(E) scd357@cmaaccess.com

SELNA:

Annie Coco, SELNA Secretary, PO Box 848, Amite, LA 70422 (P) 985.748.3787 (E) acoco@agctr.lsu.edu

SWLAN:

Frances Thorne, 17868 Lake Charles Hwy, Leesville, LA 71446 (P) 337.462.1642 (E) hthorne@beau.lib.la.us



LOUISIANA DEPARTMENT
AGRICULTURE & FORESTRY
**MOVING NURSERY STOCK
INTO AND OUT OF LOUISIANA**

LDAF maintains dual roles in its regulatory oversight of nursery stock. One role is to certify homegrown stock as pestfree prior to shipment. The other is to safeguard against the introduction of nursery pests into our state. Both roles are important to the wellbeing of our nursery industry. But how are these roles accomplished?

Shipping Out

The first step for every nursery grower or nursery stock dealer operation in Louisiana is to obtain certification. Nursery stock dealers must obtain a 'Nursery Stock Dealer' permit from LDAF prior to selling or brokering stock. Nursery growers must obtain a 'Nursery Certificate Permit' (Grower Permit) to propagate and sell nursery stock. Both permit types are renewed annually and both require that all stock be certified apparently free of injurious insect and disease pests by an LDAF representative before the stock can be offered for sale.

Each nursery grower operation that holds a valid Grower Permit is designated as a Certified Nursery and can ship stock within and out of the state. For nursery stock shipments moving out of state, Nursery Certificate Permit Tags are required, and must be provided to buyers at each drop point. Nursery stock grown by one Louisiana nursery and brokered by another should retain the tags from the original nursery of origin. A copy of the original nursery's certification should be included in the shipment as proof of certification for that stock.

For some states, proof of certification using nursery tags alone is not enough to satisfy pestfree requirements. All states have specific pest concerns depending on the type and origin of

nursery stock. How do you know what each state requires? The best way to find out is to contact states before making a shipment. One excellent resource is offered by the National Plant Board (NPB), the organization of plant pest regulatory agencies nationwide. NPB maintains a list of state contacts and a summary of regulatory requirements at the following website: <http://nationalplantboard.org/laws/index.html>

Keep in mind that the summaries posted here are not legally binding, but they offer general information on pests of concern to a given state. Once a state's requirements are known, LDAF works with growers to determine 1) whether those requirements can be met and, 2) what methods of certification must be provided to meet them.

In addition, there may be certain federal USDA restrictions placed on stock moving out of Louisiana. The most obvious one is the federal Imported Fire Ant (IFA) quarantine, which places strict requirements on all stock shipped to areas of the country where fire ants are not established. IFA certification (spraying and tagging) is needed on shipments of stock in soil when moved to points outside of the IFA Quarantine Zone (for the USDA IFA map, see: <http://www.aphis.usda.gov/ppq/maps/fireant.pdf>). An LDAF representative must review these requirements with nurseries desiring to ship outside the quarantine area and must monitor treatments of plants being shipped in soil. Also, such nurseries are required to enter into a compliance agreement specific to program activities to obtain IFA certification. IFA certification is not required when shipping nursery stock within the federal IFA quarantine zones. However, IFA is considered an injurious insect and precautions should be taken to ensure that stock is free from this pest prior to shipment.

Shipping In

All nursery stock entering Louisiana from another state must
(Continued on page 30)

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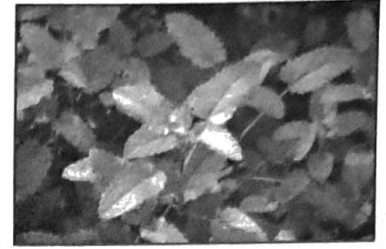


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WEED DOCTOR'S CORNER:

Florida Betony Management in Landscape Beds

Florida betony (*Stachys floridana*) is a square stemmed perennial weed native to Florida that is a serious problem in flowerbeds in Louisiana during the fall and spring. In fact, we rank this plant as the most invasive weed of landscapes in the state. What makes this weed the worst problem is its ability to overtake flowerbeds in a short time and the lack of good control options. There may be more common weed problems like nutsedge but Florida betony is more difficult to remove once established. Although the plant does produce seed and rhizomes, the weed mainly reproduces by tubers.



on a rattlesnake's tail, hence the nickname "rattlesnake weed". Betony is easily spread from flowerbed to flowerbed when landscape plants are shared or purchased from commercial growers that grow their plants in areas where the weed infests. We see this weed most often in the fall and spring. It goes nearly dormant during hot weather and is not noticed as much in the landscape during the summer. I am flooded with calls from landscape maintenance companies and homeowners concerning controlling Florida betony this time of the year. There are no preemergence herbicide options and weed barrier fabrics have not been effective. Glyphosate provides good foliar control of the weed but it is difficult to use this product in landscape situations without some risk of injury to desirable plants.

Florida Betony Control Research

We initiated research in March of 2006 to evaluate alternative methods for controlling Florida betony in landscapes. The goal of this research was to determine the effect of physically wiping a highly concentrated amount of glyphosate (Roundup Pro) on the weed foliage (eliminating drift) versus traditional glyphosate spray, glufosinate (Finale) spray, and diclobenil (Casoron) granular application. Data collected included percent betony controlled, the number of tubers produced, and tuber weight. The wipe solution was 4 oz of Roundup Pro in 32 oz of water (12.5% solution). The method that was used for wiping the highly concentrated solution was a disposable rubber glove on the hand placed inside a highly absorbent cotton glove. The foliage was gently wiped from the lower stem to the leaves. Our plot size was 2 ft x 2 ft (4 ft²) and there were 4 replications of each of the above treatments. At the end of the study (56 days after application), we excavated each plot to determine the effects of the herbicides on betony tuber production. The research was conducted at Burden Research Center in Baton Rouge. The site tested had a very heavy population of betony (over 100 plants per 4 ft²) that had been infested for several years.

Results

The Finale spray provided quickest top kill, followed by the wiped Roundup Pro, and Roundup Pro spray. Casoron gave poor control in the study. By 28 days after treatment, all herbicides with the exception of Casoron gave 100% top kill in the plots (see table).

With a perennial plant such as betony, effective herbicides should reduce tuber counts and weights as well as providing top kill of the weed. Otherwise, the species will continue to persist. Therefore, the real story is in the number and weight of tubers produced in the soil after the herbicides were applied. Untreated plots averaged 66 tubers per 4 ft². Wiping with the highly concentrated Roundup Pro solution reduced the number of tubers produced to 4 per 4 ft² compared with 11 tubers produced after the Roundup Pro spray. The reduction observed between wipe versus spray solutions can probably be attributed to the higher concentration of active ingredient and the physical act of rubbing the herbicide solution into the plant with the wiping application method. Also, the wiping applies the herbicide in areas of the weed that are not easily reached by spray droplets such as green stems. Finale reduced tuber production to an average of 21 tubers and Casoron averaged 45 tubers per 4 ft². As expected, tuber weights mirrored results observed with tuber numbers.



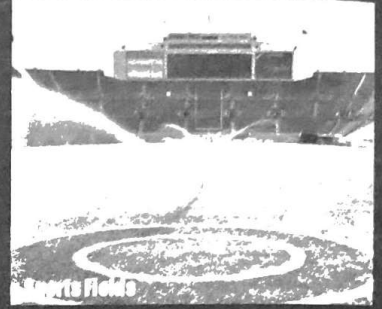
Effects of non-selective herbicides on Florida betony control and tuber production.

| Herbicide | Rate | % Florida betony top kill | No. of tubers produced per 4 ft ² | Tuber weight of (g) |
|-------------------|--------------|---------------------------|--|---------------------|
| Roundup Pro Wipe | 12.5% | 100 | 4 | 11 |
| Roundup Pro Spray | 3% | 100 | 11 | 19 |
| Finale Spray | 4% | 100 | 21 | 57 |
| Casoron Granules | Labeled rate | 45 | 45 | 109 |
| Untreated | - | 0 | 66 | 219 |

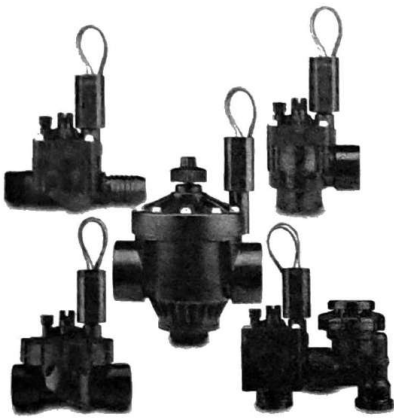
(Continued on page 26)



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(Continued from page 11)

(BRLA) Baton Rouge Landscape Association, President of (ASLA) American Society of Landscape Architects – Louisiana Chapter, Vice President of Hilltop Arboretum, Past Secretary of this organization.

Pete's unique ability of blending his extensive plant knowledge thru his horticulture degree with his design skills honed thru his LA Degree helps him contribute greatly to the green industry. Pete is certainly a worthy recipient of this years award.

LNLA YOUNG PROFESSIONAL OF THE YEAR AWARD – 2007

Todd Ellefson began his horticulture career working at Wight Nurseries. Todd started from the ground up; picking weeds, working in the fields and worked his way up to supervisor. He became a salesman for Wight's Nurseries, which was later bought by Monrovia, and moved to Greenville, SC. He lived there for two years. Todd's grandfather, John Wight, Jr. and uncle, George Hackney, bought Windmill Nursery in 2003. Todd moved back to Louisiana at that time and became sales manager, then general manager of Windmill.

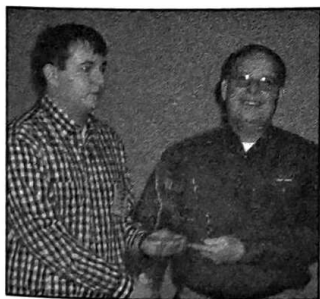


Todd Ellefson receives award from Beth Perkins



Incoming LNLA President, Danny LaFleur, presented Regina Bracy with a certificate of appreciation for serving on the Board of Directors from 2005-2007. (Pictured left)

LNLA SCHOLARSHIP WINNERS – 2007



Scotty May is currently a junior in the Department of Agriculture at Louisiana Tech University in Ruston. He is a resident of Start, LA and is a graduate of Rayville High School. At Louisiana Tech, Scotty is a member of the horticulture club and is employed by one of the John Deere equipment dealers in north Louisiana. He currently has a 3.7 GPA. Dr. Peter Gallagher at Louisiana Tech reports Scotty being "a prime example of the type of individual of whom we can expect a top notch performance in all endeavors". Dan Gill presented Scotty with his scholarship award (Pictured left).

Amy Ventress is a senior majoring in horticulture at Southeastern Louisiana University in Hammond. She has an overall GPA of 3.2 and is currently serving as president of the SLU horticulture club. Amy is a resident of Baton Rouge and is a graduate of Bishop Sullivan High School. Rebecca Bates, horticulture instructor at SLU, states that "she is a great addition to our department by motivating and leading her fellow students". Dan Gill presented Amy with her scholarship award (Pictured right)



Mary Beth Robichaux, Ira Nelson Award Winner; is pursuing a master of science degree in horticulture at LSU in Baton Rouge under the direction of Dr. Jeff Kuehny. She is a BS graduate of U.I.J. and graduated from St. Martinville High School. While at U.I.J., Mary Beth completed an internship at Moody Gardens in Galveston. Dr. Charlie Johnson at LSU states that Mary Beth "is very enthusiastic about horticulture and growing plants – I have been impressed with her knowledge". Dan Gill also present Mary Beth her scholarship award (Pictured immediate left).

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(Continued from page 23)

Summary

Whether sprayed or wiped, Roundup Pro was the best herbicide evaluated in the study. Roundup Pro contains glyphosate which translocates into underground portions of the plant and significantly reduces tuber production. Wiping the higher concentration of Roundup Pro reduced tuber production almost 3 times the number observed with the spray treatment (4 tubers versus 11 tubers). Of course, the major benefit of wiping Roundup Pro is that it gives you the opportunity to apply a highly concentrated amount of a non-selective herbicide around sensitive desirable plants in the landscape bed. I will point out that surviving tubers recovered in the study, looked healthy and were probably still viable in all of the herbicide treated plots. This indicates that a single application of any herbicide tested would not totally eliminate betony in the landscape bed. Even though the wiping method was very successful, I doubt that it would be a "one and done" cure for Florida betony. However, I would say be persistent with applications and expect betony populations to reduce over time to the satisfaction of your clientele.



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. Updated versions of the LSU AgCenter's useful guides to controlling weeds, insect pests and plant diseases are available. The 2006 editions of guides can be downloaded for free from the LSU AgCenter's Web site at www.lsuagcenter.com – or printed copies of the guides can be purchased through that site. Prepared by experts in the LSU AgCenter, the publications are known as the Louisiana Suggested Chemical Weed Control Guide, the Insect Pest Management Guide and the Louisiana Plant Disease Management Guide. The weed control guide includes helpful information on herbicides and weed control – with detailed suggestions for aquatics, commercial nursery stock, field crops, forestry, fruit crops, home gardens, lawns and many other Louisiana crops. It includes information on different types of herbicide registrations, as well as information on herbicide labels and restricted uses. Also included are sprayer calibration techniques, suggestions for reducing herbicide drift and a guide to proper spray tip selection.



LOUISIANA NURSERY & LANDSCAPE ASSOCIATION
Board of Directors Meeting Minutes
December 6, 2006
Hammond Research Center, Hammond, LA

The meeting was called to order at 10:10 A.M. by Vice-President Danny LaFleur. Board members in attendance included: Allen Owings, Frances and Howard Thorne, Albert Durio, Tom Fennell, Chauncey Nichols, Rusty Ruckstuhl, Regina Bracy, Pat Newman, Beth Perkins, Laura Crnko and Severn C. Doughty, Sr. Guests in attendance included: Annie Coco, Mike Misuraca, Craig Roussel, Mark LeBlanc, Monty Ingle's, and Dr. Tom Pope.

A motion was made by Albert Durio, Allen Owings seconded, to accept the minutes of the September 13, 2006 meeting as submitted. Motion passed.

Pat Newman presented the financial report. Income from January 2, 2006 to December 4, 2006 was \$96,333.54; plus mutual funds transferred to checking as requested by the Board, \$15,000.00; plus savings account transfer of \$157.37 for a total of \$127,369.48.

Spending from January 2, 2006 to November 30, 2006 amounted to \$113,896.19. Total left in checking was \$13,473.29 and the money market account totaled \$162,044.66.

A motion was made by Rusty Ruckstuhl, seconded by Regina Bracy, to accept the financial report as presented. Motion passed.

Pat Newman began the GSHE report by saying that all booth spaces were reserved and Louisiana is responsible for move-in/move-out. Pat again asked for more volunteers. Those volunteering included: move-in, Wednesday; Regina Bracy, Chauncey Nichols, Tom Fennell, Annie Coco, Pat Newman and Severn C. Doughty, Sr.: move-in, Thursday; Tom Fennell, Pat Newman, Howard and Frances Thorne, Annie Coco and Severn C. Doughty, Sr.: move-out, Saturday; Pat Newman, Danny LaFleur, Howard and Frances Thorne, Mike Misuraca and Severn C. Doughty, Sr.

Danny LaFleur stated after the GSHE show discussion "Why not have a Trade Show during mid-September in Northwest Louisiana (Shreveport, LA)?" The question was raised because TNLA wrote a letter to LNLA stating: "At their October 17, 2006 meeting, the TNLA Board of Directors took the opportunity to evaluate and discuss the promotion/marketing of the Nursery/Landscape Expo. Following this exercise the Board determined to revise our promotion/marketing activities that do not include renewing the Participating Association Agreement with LNLA. This correspondence will serve as official notice that TNLA is exercising their right to opt out of the Participating Association Agreement with LNLA effective as of the date of this correspondence (November 1, 2006)."

Danny LaFleur then recommended that LNLA send a rebuttal letter to TNLA expressing our displeasure with their decision. He further suggested that we write a letter to all Louisiana nursery, landscape and allied industry exhibitors that exhibited in 2006 at the Texas Horticultural Expo and explain TNLA's decision to "opt out" of the agreement. Finally, Danny asked that the letter that TNLA sent to LNLA be published in our Newsletter. The Board agreed.

Laura Crnko provided the membership report and as of December 6, 2006 there were 352 paid members (up from 331, September 13, 2006) and 368 non-paying members (up from 366, September 13, 2006) for a total of 720 members. There were 23 new members in the 4th quarter of which 21 were paid and 2 were non-paying. Total dues collected in the 4th quarter were \$1,400.00 and \$10.00 was collected for the ANLA Beacon Fund. Dues for 2006 collected to date totaled \$30,123.00 of which \$123.00 was collected for the ANLA's Beacon and/or Lighthouse funds.

Laura Crnko further indicated that LNLA Newsletters were being sent to 194 non-renewing, previous members at each mailing and the Board expressed concern over non-renewing, previous members receiving Newsletters for free. Discussion ensued and it was felt by the Board that non-renewing, previous members should not receive Newsletters unless they pay their dues.

Danny LaFleur brought up the discussion about increasing dues for governmental agencies and educators from no charge to \$15.00 to cover Newsletter costs and postage. After a lively discussion including student membership, Tom Fennell motioned and seconded by Regina Bracy, to charge governmental agency personnel and educators \$15.00 for membership pending a favorable vote by regular members at the next Annual Meeting. These membership dues are intended solely to cover the costs involved in their receiving Newsletters. Motion passed but with one descending vote made by Rusty Ruckstuhl. The new \$15.00 dues will take effect in 2008 if the regular voting members attending the regular meeting at the GSHE Show, February 2, 2007 in Mobile, AL approve the above Board recommended motion.

Next, Tom Fennell made a motion to continue not charging student members but they must renew their membership status each year to remain active and to receive their Newsletters. Pat Newman seconded and the motion passed.

(Continued on page 28)

(Continued from page 27)

Rusty Ruckstuhl presented the funding committee's newly revised form 'Information for Grant Applicants, the Outline to Follow and Summary Sheet'. After a short discussion and suggested corrections to the form were made (remove 'financial report' where the grant recipient must provide a written report as it was felt that this was unnecessary since a budget is requested in the initial proposal. And Regina Bracy asked to have her name removed from the funding committee as she felt this could cause a conflict of interest.) Regina Bracy motioned, seconded by Chauncey Nichols, that we accept the funding proposal form as presented. Motion carried.

Severn C. Doughty, Sr., gave the funding committee an announcement pertaining to the Danny Summers Family Education Fund to see if they felt LNLA should contribute to the fund. The committee recommended that LNLA not contribute and since the amount would have been less than \$500.00, no Board action was necessary.

Mike Misuraca, Territory Manager with Meadowbrook Insurance Co., gave a brief report. He indicated that he was writing quite a number of insurance policies of which LNLA receives a commission on each policy written which then goes into a promotional fund. Severn C. Doughty, Sr. then, reported that LNLA has received \$1,793.48 in the promotional fund this year and we are eligible to request another \$500.00 or so from Meadowbrook.

Mike Misuraca commented on a letter received by LNLA that indicated that LNLA members who have insurance policies with Meadowbrook will receive no year end dividends for 2006. He stated that the dividends were unrelated to the promotional fund. The Board thanked Mike for attending the meeting and supporting LNLA.

Danny LaFleur asked Monty Ingle's, president of SELNA, to be on the agenda early as Monty had to leave. Monty expressed his gratitude to the Board on behalf of SELNA for the \$1,000.00 LNLA contribution for the SELNA Trade Show held in October. Monty said everyone was well pleased with the show and that it perhaps could be self supporting in the future.

Severn C. Doughty, Sr., indicated that he had invited Randy Perise of Blumberg & Assoc. Insurance Co., to attend the Board meeting. Randy was unable to attend but Severn reported that LNLA has received \$2,052.66 from policy commissions Blumberg has written to LNLA members in 2006.

During lunch Regina Bracy provided images of the Margie Y. Jenkins Garden Party and then made a brief report on the success of it and thanked the LNLA Board for their very generous \$5,000.00 donation.

Wanda Metz Chase, Louisiana's Senator for ANLA was unable to attend the meeting but Severn C. Doughty, Sr., asked the Board if they wanted him to arrange for a conference call proposed by Bob Dolibois, with ANLA to discuss the ramifications of ANLA's work with immigration reform. Pat Newman motioned, seconded by Frances Thorne, that Severn not arrange for a conference call. It was felt that the opposing positions on the immigration reform issue were strong and that there was no need for a call.

The Board then suggested that Severn attend the ANLA Town Meeting to be held at the GSHE Show in 2007 to have the opportunity to express the views of the LNLA Board and its members.

Allen Owings then gave an LSU AgCenter update. Regina Bracy had a two page, color handout which highlighted the current projects currently underway at the Hammond Research Station and Allen said they were doing a great deal of work there. Current research projects at the Burden Center include: a new hydrangea study in cooperation with USDA; rose studies which include 'Earth Kind', Jackson & Perkins rose rootstocks, landscape shrub roses, etc.; and bedding plant studies.

The LSU AgCenter held a landscape workshop for the commercial industry last week in Lafayette, LA and has a landscape workshop planned for February in Covington, LA. A nursery production workshop is scheduled for January 16, 2007 in Forest Hill, LA. LSU AgCenter in cooperation with LNLA held the annual plant conference in Baton Rouge, LA last November.

New changes will be coming to LSU's Agronomy and Horticulture Departments in the New Year. A merger of the two departments will take place January 1, 2007 and the tentative name will be The School of Plant, Soil and Environmental Sciences. Dr. David Himelrick, current Head of the Horticulture Department will be demoted to Professor of Fruit Science and Dr. Freddie Martin current Head of the Agronomy Department will serve as interim Head of The School of Plant, Soil and Environmental Sciences until a new permanent head is appointed tentatively by January 1, 2008.

Danny LaFleur then proceeded into Old Business by discussing the proposed changes in the Articles of Incorporation. It was stated that should LNLA be audited by IRS, the current 1 and 1/3 page Constitution would likely not pass the test for non-profit status. Consequently, the original Articles of Incorporation was acquired from the Louisiana Secretary of State office and the Executive Committee met on Friday, November 27, 2006 to make proposed, necessary changes in the Articles of Incorporation. Each Board member received a copy of the new, proposed Articles of Incorporation, By-Laws and Conflict of Interest Policy, the old Constitution and the old By-Laws revised in 1998.

(Continued on page 32)



PLANTS... A PATHOLOGISTS'S PERSPECTIVE

Phytophthora root and crown rots continue to be among the most problematic diseases affecting a wide variety of ornamentals in both nursery and landscape settings. Because chemical control of these diseases, even when using the best materials available, is often erratic, understanding the factors that contribute to the development of these diseases is crucial to their management. Species of *Phytophthora* (as well as *Pythium* and the downy mildews) belong to the group of pathogens known as the "water molds." Although traditionally referred to as fungi, they actually belong to the group of organisms that includes the brown algae and giant kelp (i.e., the Stramenopiles), which is why many of the true fungicides are not effective against them. As the name suggests, the "water molds" do best when there is plenty of water available for their growth and movement, which is why rotted roots can usually be found first near the bottom of a pot. Water drains from the bottom of a pot only when the potting medium in that region is saturated; however, when water stops draining from the pot, the medium near the bottom is still near saturation, which is the perfect environment for these pathogens. Once established, root rots are difficult to control, especially on highly susceptible species and cultivars. Prevention is then the key to managing these diseases. The fungicides mefenoxam (e.g., Subdue, Fenox ME, Mefenoxam 2, etc.), fosetyl-al (e.g., Aliette), the phosphonates (also called phosphites or salts of phosphorous acid) (e.g., Alude, Rampart T&O, Vital, etc.), and dimethomorph (e.g., Stature DM) are very effective for the control of *Phytophthora* root rots. However, they are all much more effective when used preventatively, rather than after disease has become established. Effective root rot management includes the selection of resistant plant materials, the management of irrigation and other environmental factors that contribute to disease development, and the judicious use of fungicides.



Plant Disease Diagnostic Clinic update. I am pleased to announce that we have filled the vacant diagnostician's position in the diagnostic clinic. Dr. Raghuvinder (Nick) Singh (pictured left) will be joining us in March. Nick obtained a Doctor of Plant Medicine Degree at the University of Florida and has a strong background in the area of plant disease diagnosis.



This article was written by Dr. Don Ferrin (pictured right), Extension Specialist in the Department of Plant Pathology & Crop Physiology, LSU AgCenter, Baton Rouge. (P) 225. 578.8537; (C) 225.573.6510; (E) dferrin@agcenter.lsu.edu.

LSU AgCenter Update... (Continued from page 7)

Visual Quality Ratings of Shrub Rose Cultivars in a Landscape Comparison Study

| | 6/15 | 7/1 | 7/15 | 8/1 | 8/15 | 9/1 | 9/15 | 10/1 | 10/15 |
|-------------|------|------|------|------|------|------|------|------|-------|
| Wild Thing | 3.58 | 3.50 | 3.76 | 3.66 | 3.50 | 3.45 | 3.42 | 3.16 | 3.37 |
| Knock Out | 3.80 | 3.93 | 4.10 | 4.38 | 4.35 | 4.40 | 4.40 | 4.80 | 4.40 |
| Home Run | 4.10 | 4.45 | 4.10 | 4.20 | 4.30 | 4.20 | 4.20 | 4.25 | 4.10 |
| Nearly Wild | 3.85 | 3.90 | 3.90 | 4.05 | 3.95 | 3.45 | 3.75 | 3.85 | 3.80 |

Visual quality ratings based on a scale from 1 to 5 where 1=dead; 2=below average landscape performance; 3=average landscape performance; 4=above average landscape performance; 5=superior landscape performance.

Blackspot Ratings of Shrub Rose Cultivars in a Landscape Comparison Study

| | Summer | Fall |
|-------------|--------|------|
| Wild Thing | 1.5 | 2.4 |
| Knock Out | 1.0 | 1.0 |
| Home Run | 1.0 | 1.0 |
| Nearly Wild | 1.5 | 3.0 |

Blackspot ratings based on a scale from 1 to 6 where 1 = 0% foliage with disease, 2 = 1-10% foliage with disease, 3 = 11-25% foliage with disease, 4 = 26-50% foliage with disease, 5 = 51-75% foliage with disease, and 6 = 76-100% foliage with disease.

(Continued from page 22)

originate from a Certified Nursery and must be accompanied by general nursery stock certification issued by the plant regulatory agency in that state, indicating the stock is apparently free of injurious insect and disease pests. Each state has its own means of certification and may use a tag, stamp, sticker, document or other paper instrument to indicate valid certification. Regardless of the form it takes, this certification should be maintained on file by the Louisiana nursery receiving it so it can be available for inspection by LDAF personnel.

When acquiring nursery stock from sources outside of Louisiana, nurseries must first determine whether that stock requires certification for specific pests of concern to our state, beyond the general requirements. In some cases, certain stock may not be eligible for entry into Louisiana if the material is considered to be a noxious weed or is a known carrier of a pest or pathogen that cannot successfully be eliminated from the shipment. Additional restrictions may also apply if the stock originated in or has been propagated in an area quarantined by the state or federal government because of a certain pest problem.

A list of pests of concern to Louisiana, and restrictions that apply to certain stock or states of origin, may be found in Louisiana's summary on the NPB website. It is best to consult this list of quarantined nursery pests prior to placing orders with out-of-state nurseries to avoid bringing in stock that is prohibited or inadequately certified.

More information on plant pest restrictions, and application packets for the Nursery Certificate Permit (Grower Permit) and the Nursery Stock Dealer Permit, may be requested by calling LDAF's Horticulture Division at (P) 225. 952.8100, or (E) horticulture@ldaf.state.la.us.

CHACKBAY NURSERY & LANDSCAPING RANKED AMONG TOP 35 IN THE GREEN INDUSTRY

Thibodaux, LA February 21, 2007-- Chackbay Nursery and Landscaping was ranked in the top thirty-five companies in the green industry in the industry's leading magazine, Lawn and Landscape, this month. The recognition was based on a nomination of the company by other industry peers from around the country. Focusing on the top 35 landscape firms, and their leaders, all under the age of 35, the magazine's cover story featured Benton Foret, one of the owners of the local firm.

Lawn and Landscape's writer, Kristen Hampshire, accurately portrayed the heart of the company and the passion of Benton Foret, as this excerpt from the article reflects: "Ultimately, Foret developed a love for green industry business as his work continued to prove that landscaping makes a significant impact on the community and the environment. "I love the green industry because of what we do for society as a whole," he explains..."

Why was Benton Foret honored in this way by his peers? The article answers this question succinctly: "...His community spirit is building a positive image for the industry." "We are humbled to receive this recognition for our efforts to make South Louisiana a more beautiful place to live," said Benton Foret.

Chackbay Nursery & Landscaping is located in Chackbay and has been in business for more than 25 years with Benton Foret and Michael Richard as the owners for the past 6 years. The company specializes in custom design and installation of landscaping and property use planning. Chackbay Nursery & Landscaping is located at 837 Highway 20 in Chackbay and can be reached at 985-633-9608 or www.chackbaynursery.com.

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**Louisiana
Nursery &
Landscape
ASSOCIATION**

LOUISIANA NURSERY & LANDSCAPE ASSOCIATION ANNUAL MEMBERSHIP MEETING

February 2, 2007
GSHE Show Mobile, AL

The 2007 Annual Membership Meeting of the Louisiana Nursery and Landscape Association (LNLA) was held February 2, 2007 in Mobile, AL. A quorum of regular members was present (39). President Laney Strange called the meeting to order at 7:05 A.M.

The President welcomed everyone to the meeting and expressed his gratitude to everyone for making his presidency successful. He recapped some of LNLA's activities for 2006 such as exhibiting at the Mid-South Greenhouse Growers Conference in Raymond, MS in May, exhibiting at SNA and also at the Texas Horticulture and Landscape Expo in San Antonio. He stated that Texas opted out of their Expo agreement with Louisiana, effective November 2006, and that TNLA would take other marketing approaches. He said that the Northwest Louisiana Nursery and Landscape Association is back up and running.

The President asked for a moment of silence for deceased members and industry friends: Irene Banting, Henry Brady, Sr., Don Copenhaver, Earl Wells, Mary Hackney, Mike Talen, Daniel Wayne Overstreet, Walter Derwood Jenkins, Tim Ernst, Otto Zuelke, Jr., Joe Bradberry.

Allen Owings and Dan Gill presented scholarship awards for 2007 to Scotty May (Louisiana Tech University), Amy Ventress (Southeastern Louisiana University) and the "Ira Nelson Scholarship Award" was awarded to Mary Beth Robichaux (LSU). These are \$1,000.00 awards and a plaque.

Pat Newman presented the financial report for 2006 showing income of \$96,541.13 and expenses of \$111,672.66. Regina Bracy motioned, seconded by Rick Webb, to accept the report as presented. Motioned carried.

The President invited everyone to enjoy breakfast.

After breakfast President Strange introduced Laura Crnko, Administrative Assistant and indicated how valuable she was by reviewing some of her duties such as: lay-out and editor of the Newsletter, sending out dues notices, making deposits, preparing the membership directory each year, mailing out Board of Directors and annual meeting notices to members, mailing out new member packets and handling ads for the newsletters.

Next, President Strange entertained the business portion of the meeting and asked for a motion to approve the newly revised Articles of Incorporation as presented. A motion was made by Regina Bracy, seconded by Pat Newman, to accept the Articles of Incorporation. During discussion Rick Webb indicated that the organization's name change, which appears in the newly revised Articles of Incorporation, had already been voted upon previously and there was no need to vote on this again. It was then stated that since the organization's name change had not been formally changed in the Louisiana Secretary of State office or with the IRS and, since there was no record of when the name change took place, that it needed to be voted on again. With that being said, the motioned carried with 31 yeas and Rick Webb's one nay.

A motion to accept the Conflict of Interest Policy was made by Rick Webb and seconded by Tom Fennell. The motioned passed with 31 yeas and no nays.

After everyone received a copy of the newly revised By-Laws and reviewed them for a few minutes, President Strange indicated that we should keep the language in Section 4 of the By-Laws, Duties of the Executive Secretary, "The Executive Secretary shall give a surety bond for faithful performance of his duties and provide a full and complete financial report of the Association yearly, in conjunction with the Treasurer, of funds under their control". Albert Durio motioned, seconded by Rick Webb, to accept the By-Laws as presented except that we should strike out "Mobile, AL" as the annual meeting place. Motioned passed with 28 yeas and no nays.

Next, Pat Newman motioned, seconded by Monty Ingle's, to raise the membership dues from 0 to \$15.00 for educators and government agency members. Motion passed unanimously.

President Strange then announced the 2007 nominations for officers and Board of Directors and asked if there were any nominations from the floor. There being none, he asked for a motion to elect the officers and Board of Directors by acclamation. Regina Bracy motioned, and seconded by Danny LaFleur, to elect the slate of Officers and Board members. Motion passed unanimously.

The presentation of awards followed. Beth Perkins presented the Young Professional of the Year Award for 2007 to Todd Ellefson.

Pat Newman presented the Professional of the Year Award for 2007 to Pete Newton. Allen Owings presented the Professional Achievement Award for 2007 to Bobby Dupont, Sr. Allen Owings then presented the Distinguished Service Award for 2007 to Dr. Tom Pope who was unable to attend due to illness. The James A. Foret Award was presented by President, Laney

(Continued from page 31)

(Continued on page 32)

(Continued from page 28) The proposed, new wording was typed in red and the wording to be removed was highlighted in yellow. After a short period of time each Board member had the opportunity to review the proposed changes. There not being much discussion, Regina Bracy motioned, seconded by Frances Thorne, to accept the newly revised Articles of Incorporation. Motion passed.

Danny LaFleur then discussed the By-Laws and indicated that the first page and a half of the old By-Laws were contained in the newly revised Articles of Incorporation and the rest of the old By-Laws were revised and renumbered into the new By-Laws. After a brief review of the newly proposed By-Laws by the Board members, Regina Bracy motioned, seconded by Chauncey Nichols, that we accept the newly revised By-Laws. Motion passed.

Danny LaFleur then proceeded to discuss the Conflict of Interest Policy. It was stated that IRS was hopeful that non-profit entities would have a Conflict of Interest Policy as an amendment to their Articles of Incorporation. Both CPA's of which the Executive Committee consulted, recommended that LNLA have one.

There were a number of questions pertaining to the policy but all in all it was intended to protect LNLA and its Board members from preferential treatment that could be afforded a Board member or other LNLA member. After questions were answered, Regina Bracy motioned, seconded by Beth Perkins, that we accept the Conflict of Interest Policy. Motion passed.

Severn C. Doughty, Sr., then stated that now that the Articles of Incorporation, By-Laws and Conflict of Interest Policy has been approved by the Board, it must be presented to the regular voting members at the February 2, 2007 Annual Meeting and for it to become officially changed, 2/3rds of the regular members must vote favorably for it. Consequently, a copy of the Articles of Incorporation, By-Laws and Conflict of Interest Policy will be sent to all regular members at least 10 days prior to the February 2, 2007 Annual Meeting so they can review the changes and be prepared to vote on them.

Dr. Tom Pope made a brief presentation to the Board outlining the project discussed at the last Board meeting pertaining to creating a CD of all plants in Dr. Neil Odenwald's book, "Southern Plants", 3rd Ed., Odenwald & Turner. Dr. Pope explained that CD's and DVD's were out dated and recommended that we create an attachment to our LNLA website to where LNLA members could subscribe for a nominal fee and access the plant images at a discount. Non LNLA members would pay full price for a subscription. Also, he stated that we could potentially sell the data to other nursery associations and it could be a fund raiser for LNLA. The Board discussed it and felt it was a worthy project and asked Dr. Pope to continue the plant data base project with Dr. Neil Odenwald.

Severn C. Doughty, Sr., briefly reported on the NLAE meeting he attended in Dallas, TX last October and stated that it was very valuable to him and LNLA.

Danny LaFleur then discussed the LNLA paid advertising on PBS as a request has been made for LNLA to renew the advertising package for the spring of 2007. Ten commercial TV spots would air on PBS at a cost of \$150.00 per spot for a total of \$1,500.00. After a brief discussion, Regina Bracy motioned, seconded by Rusty Ruckstuhl, that the Board not renew any advertising package with PBS primarily because there was very little feed back from anyone who viewed it on PBS. Motion carried.

Danny LaFleur then led a discussion about the nomination of officers and directors for 2007/08. A nominating committee was formed comprised of Beth Perkins, Tom Fennell and Pat Newman. They quickly determined that Danny LaFleur had agreed to run for President and Tom Fennell for 1st Vice-President. The Board then made several recommendations as to potential new Board members and asked Severn C. Doughty, Sr., to call them and ask if they would be willing to serve and report back to the nominating committee.

The Board then discussed potential 2007 recipients for the James A. Foret Award, Distinguished Service Award, Professional Service Award, Professional of the Year Award and the Young Professional of the Year Award. Allen Owings volunteered to have the plaques prepared for the Annual Meeting.

Pat Newman asked about the status of the safety deposit box and Allen Owings said he was told that the key was lost and that the box could be accessed for a fee of \$70.00. The Board indicated that it should be done.

Craig Roussel from the LDAF reported on the status of the pink hibiscus mealy bug and that it was found in Jefferson and Orleans parishes. Parasitic wasps were now being released to combat the outbreak and LDAF agents will be monitoring the situation carefully.

Severn C. Doughty, Sr., made several announcements and there being no more business, Regina Bracy motioned, seconded by Beth Perkins, to adjourn the meeting. Motion passed and the meeting concluded at 2:50 P.M.

(continued from page 31) Strange to George Johnson, a founding member of LNLA.

Laney Strange then passed the gavel on to incoming President, Danny LaFleur. Once Danny took the floor he presented Laney Strange with the Past President's Award. Danny then presented Dr. Regina Bracy with a Certification of Appreciation for service on the LNLA Board of Directors from 2005 to 2007.

There being no more business, Regina Bracy motioned, seconded by Rick Webb, to adjourn the meeting at 8:35 A.M. Motioned carried.

RESEARCH BRIEFS FROM HAMMOND RESEARCH STATION

1. Caladium Trial '06

Colorful Caladiums are popular summer accents in our area, however, certain varieties are more suited to certain landscape conditions than others, and proper variety selection appropriate to the planting site is the key to achieving desired effects. The 2006 caladium trial at the Hammond Research Station documented 30 varieties for their early- and late-season performances as well as sun tolerance (see table below). The early-season performance evaluation was conducted on June 16. Growth was rated on a scale of 1 to 5, where 5 represents complete coverage of the planting area with fully emerged leaves, and 1 represents few leaves emerged. The late-season performance ratings reflect how plants looked in September. Plants were rated on fullness, brightness of leaf color, and lodging, where 5 represents full plant with brilliant color and no lodging, and 1 means 50% stems lodged. We also listed sun tolerance and heights of these varieties. In 2007 we will evaluate 15 more varieties including fancy leafed varieties that are more heat and sun tolerant. We thank the Happiness Farms at Lake Placid, FL for providing '06 trial materials.

| Color | Variety | Performance Ratings | | Sun Tolerance | Leaf Size | Ht./Inches |
|----------------|-----------------|---------------------|------|---------------|-----------|------------|
| | | Early | Late | | | |
| PINK | Carolyn Wharton | 5 | 3 | Full Sun | Large | 25 |
| | Fannine Munson | 4 | 3 | Shade | Large | 22 |
| | F. M. Joyner | 4 | 4 | Shade | Small | 25 |
| | Fla. Elise | 5 | 3 | Full Sun | Medium | 29 |
| | Fla. Roselight | 3 | 3 | Partial Shade | Large | 31 |
| | Halderman4 | 4 | 3 | Full Sun | Medium | 22 |
| | Kathleen | 5 | 2 | Shade | Large | 22 |
| | Pink Beauty | 5 | 5 | Full Sun | Medium | 24 |
| | Rosebud | 5 | 2 | Full Sun | Medium | 22 |
| | Fla. Calypso | 5 | 5 | Shade | Large | 24 |
| | Fla. Sweetheart | 4 | 5 | Full Sun | Medium | 18 |
| | RED | Blaze | 4 | 3 | Shade | Small |
| Festivia | | 5 | 5 | Full Sun | Large | 27 |
| Fire Chief | | 4 | 4 | Full Sun | Medium | 25 |
| Fla. Cardinal | | 5 | 5 | Full Sun | Medium | 24 |
| Freida Hemple | | 4 | 4 | Partial Shade | Large | 28 |
| Irene Dank | | 4 | 4 | Partial Shade | Medium | 28 |
| John Peed | | 5 | 1 | Partial Shade | Medium | 18 |
| Postman Joyner | | 5 | 4 | Partial Shade | Large | 25 |
| Red Flash | | 4 | 3 | Full Sun | Large | 28 |
| Scarlet Beauty | | 5 | 4 | Full Sun | Large | 27 |
| Tom Tom | | 2 | 5 | Full Sun | Small | 24 |
| Gingerland | | 4 | 3 | Full Sun | Medium | 20 |
| WHITE | | Aaron | 2 | 5 | Full Sun | Large |
| | Candidum | 5 | 5 | Shade | Large | 30 |
| | Candidum Jr. | 2 | 2 | Shade | Medium | 22 |
| | Fla. Moonlight | 1 | 3 | Shade | Large | 23 |
| | June Bride | 2 | 5 | Shade | Large | 28 |
| | White Christmas | 3 | 3 | Partial Shade | Large | 30 |
| | White Queen | 5 | 5 | Full Shade | Large | 31 |

2. Planting Date Affects Disease Severity in Annual Vinca

Annual vinca, *Catharanthus roseus*, is exceptionally adaptive to the summer heat however, diseases such as alternaria leaf spot and phytophthora leaf blight are prevalent in vinca plantings in our area. A study was conducted in 2005 and repeated in 2006 on

(Continued on page 34)

(Continued from page 33)

interactions between planting techniques and vinca diseases. We found that although early planting (i.e. April 1) can give the desired color effect earlier, it resulted in more severe alternaria leaf spot than planting in May. Applying 1 to 2 lb nitrogen per 1000 ft² at planting resulted in quality plant growth and less leaf spot than unfertilized plants. Over-application (i.e. 4 lb nitrogen per 1000 ft²) led to excessive plant growth and early development of diseases. Vegetatively propagated Nirvana series had similar disease susceptibility as the F1 hybrid Titan series. Once infested, trailing type vinca (i.e., Mediterranean) exhibited faster disease development than upright types.

Recommendations: leaf spot lesions can be reduced with the use of less susceptible open-pollinated (such as the Cooler series) and upright varieties combined with the proper level of fertilizer. A fertilizer rate of 1 pound nitrogen per 1,000 square feet should be sufficient for vinca planted in most landscape soils. Planting May 1 will delay disease development. Vinca planted in May had the same length of bloom (about 14 weeks) as vinca planted in April.

3. Use Tablet Fertilizer at Planting for Better First-year Establishment of Herbaceous Perennials.

Herbaceous perennials are becoming more popular in landscape plantings. Fertilization is usually needed during the first year to get the plants established and ready for overwintering. We tested regular controlled-release fertilizer (CRF) OsmocotePlus 15-9-12 (5 - 6 month) and a tablet type CRF OsmocotePlus 16-8-12 (7.5-gram, 3 - 4 month) in different combinations of application rate and timing in replicated landscape beds planted with seven herbaceous perennials commonly used in our area. We found that two OsmocotePlus 7.5-gram tablets applied at the time of planting resulted in quality plant growth and flower display in cigar plant (*Cuphea ignea*), guara, Mexican heather (*Cuphea hyssopifolia*), lantana, echinacea, and rudbeckia. Split application of fertilizer with 1 pound N per 1000 ft² applied at the time of planting plus 1 pound topdressing in July did not improve growth for or overwintering in cigar plant and Mexican heather.

Recommendation: two tablets of OsmocotePlus 16-8-12 (7.5-gram) per plant for large size perennials (i.e. lantana and Mexican heather) at planting. One tablet OR 1 pound N of regular CRF per 1000 ft² at planting for ground cover or small perennials. Other than economic and environmental considerations, application of tablet CRF is simple – just drop the tablet in the hole and plant.

4. Daylily Rust Prevention with Bio-fungicides

Daylily rust caused by *Puccinia hemerocallidis* has dramatically affected daylily production and use in the landscape in southeastern U.S. The disease is more prevalent in spring and fall but is a year-round problem on evergreen cultivars or in protected production areas. Rust management needs to be early-season preventive because the disease damage is irreversible. In 2006 from May to June, we evaluated three bio-fungicides as early-season preventive or curative treatments: K-Phite (phosphoric acids), MilStop (potassium bicarbonate), and Actinovate (a bacteria strain of *Streptomyces*). They were tested as stand-alone or in rotation with Heritage (azoxystrobin).

Results: these products were not effective on rust when plants were already infested and showing symptoms. However, when used as preventive spray on plants showing no rust symptoms (but next to rust infested plants), K-phite at low rate (2 pints per 100 gallons) in rotation with Heritage or Actinovate at high rate (12 oz per 100 gallons) in rotation with Heritage provided similar control as standard grower products (Heritage in rotation with Banner Maxx). Economically, adding K-Phite into a rotation program can reduce overall cost by 20% and may minimize the use of conventional fungicides. This is important to delay the development of disease resistance to currently available fungicides.

5. Western Flower Thrips and New Bio-pesticides

Western flower thrips shares the fame of 'greenhouse trio' with whitefly and twospotted spider mite as the most important pests in greenhouse production. Effective control requires good cultural practices and early detection. Several pesticides are effective however, there has been documented thrips resistance to many of them (i.e. Conserve) because of repeated overuse of these chemicals. We tested several bio-pesticides that may have potential to control thrips and provide resistance management tools because of their different mode of actions. A product named TriCon (BioWorks Inc.) provided good control similar to the standard (Avid). The active ingredient of TriCon is sodium tetraborohydrate decahydrate (borax) and orange oil. It works by disrupting the water-repellent outer layer on insects or fungi causing the organism to dry out usually in minutes. It is being marketed as a biopesticide on soft-bodied insects (such as aphids and whiteflies) and also as a fungicide on powdery and downy mildews (We are evaluating TriCon on daylily rust). TriCon is a contact and non-systemic product but can be tank mixed with other chemicals such as an adjuvant and it can enhance the effects of systemic products or provide multiple disease or insect control. Another product worth mentioning is Proun3 (Bio Huma Netics) which is thyme oil that also provided good control. Both of these products are contact materials that require good coverage to be effective. We also tested several new active ingredients and will provide a report in the next issue.

Submitted by Yan Chen, Assistant professor, Hammond Research Station, (E) ychen@agcenter.lsu.edu

CALENDAR OF EVENTS 2007

- Mar 16-18 **Jackson Garden & Patio Show**
Mississippi Trade Mart, Jackson, MS
Contact: (P) 866.919.8111 (W) www.msnla.org
- Mar 24-25 **Baton Rouge Spring Garden Show**
Parker Coliseum at LSU, Baton Rouge, LA
Contact: David Himelrick (W) dhimelrick@agctr.lsu.edu
- Mar 24-25 **Southwest La Garden Festival**
Barton Coliseum, Lake Charles, LA
Contact: Robert Turley (P) 337.475.8812
- Mar 30-Apr 1 **Hattiesburg Garden & Patio Show**
Forrest Ctny Multi-Purpose Center, Hattiesburg, MS
Contact: (P) 866.919.8111 (W) www.msnla.org
- April 14-15 **The Spring Garden Show Sat./Sun., 10am-5pm.**
New Orleans Botanical Garden, New Orleans, LA
Contact: Karen Blackburn (P) 504.838.1170
(F) 504.838.1175 (E) kblackburn@agctr.lsu.edu
- April 17 **Biedenharn Garden Symposium**
West Monroe Convention Center, Monroe, LA
Contact: (P) 800.362.0983 for reservations
- April 17 **LA Ornamental & Turfgrass Commercial Pesticide Applicator Re-Certification Meetings**
(Weed Emphasis), New Orleans, LA
Contact: Mary Grodner (P) 225.578.2180,
(E) mgrodner@agctr.lsu.edu
- May 16 **LNLA Board Meeting, 10am-2:30pm**
Ralph & Kacoo's Rest, 6110 Bluebonnet Blvd, Baton Rouge.
Contact: Severn Doughty (P&F) 318-872-4677
- June 4-6 **Mid-South Greenhouse Growers/Garden Center Landscape Conference, Eagle Ridge Conf. Center, Hinds Community College, Raymond, MS**
Contact: (P) 866.919.8111 (W) www.msnla.org
- June 21-22 **CNLP Review and Exam**
ULL Horticulture Center, Lafayette, LA
Contact: Dan Gill (P) 225.578.2413 (E) dgill@agctr.lsu.edu
- Aug 9-11 **SNA ... World's Showcase of Horticulture**
Georgia World Congress Center, Atlanta, GA
Contact: (P) 770.953.3311 (W) www.sna.org
- Aug 17-19 **TNLA Nursery/Landscape Expo 2007**
Dallas Convention Center, Dallas, TX
Contact: (P) 800.880.0343 (W) www.txnla.org
- Sept 5 **LA Ornamental & Turfgrass Commercial Pesticide Applicator Re-Certification Meetings**
(Insect Emphasis), Lafayette, LA
Contact: Mary Grodner (P) 225.578.2180,
(E) mgrodner@agctr.lsu.edu
- Sept 12 **LNLA Board Meeting, 10am-2:30pm**
Prejean's Restaurant, 3480 I-49 North, Lafayette
Contact: Severn Doughty (P&F) 318-872-4677
- Sept 21-22 **CNLP Review and Exam**
N. O. Botanical Garden, City Park, New Orleans, LA
Contact: Dan Gill (E) dgill@agctr.lsu.edu

Calendar of Events... cont'd

- Nov 15-16 **CNLP Review and Exam**
American Rose Center, Shreveport, LA
Contact: Dan Gill (P) 225.578.2413 (E) dgill@agctr.lsu.edu
- Nov 28 **LA Ornamental & Turfgrass Commercial Pesticide Applicator Re-Certification Meetings**
(Disease Emphasis), Shreveport, LA
Contact: Mary Grodner (P) 225.578.2180,
(E) mgrodner@agctr.lsu.edu
- Dec 5 **LNLA Board Meeting, 10am-2:30pm**
McGee's Landing, Henderson
Contact: Severn Doughty (P&F) 318-872-4677

2008

- Jan 17-19 **Gulf States Horticulture Expo (GSHE)**
Arthur Outlaw Convention Center, Mobile, AL
Contact: (P) 866.636.4853 (W) www.gshe.org



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Debbie Head, Owner

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References and prices for your area are
available upon request