



LOUISIANA Nursery & Landscape NEWS

LNLA Quarterly Newsletter | Volume 71 | July/ August / September 2020



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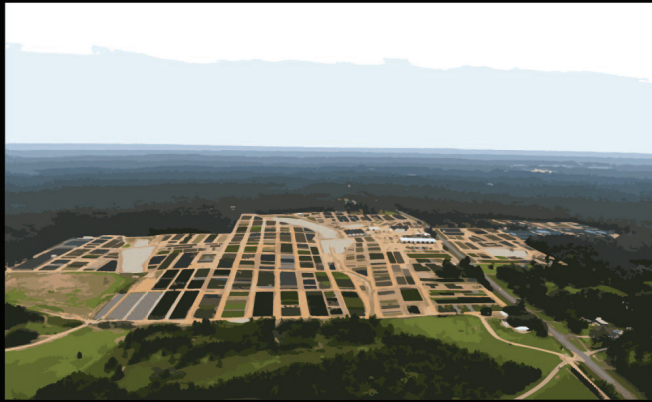
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**Raffle Drawing
December 9th**



SECOND PLACE



**For a chance to win both, purchase your tickets at
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\$20 Each or 6/\$100**

A WORD FROM OUR PRESIDENT



Wow! This has been a heck of a year, from Covid-19 to hurricanes. My thoughts and prayers are with all who are feeling the effects from Hurricane Laura. I certainly understand what you all are going through at the moment, and know that the rest of our industry is here for you. I would like to recognize and thank some of our industry leaders that were able to step up and give equipment, supplies, etc. to those in need at one of their most trying times. Thankfully, Hurricane Sally was able to spare our coast line, but our thoughts and prayers certainly go out to our counterparts in Alabama and Florida. Through all of this, we do have so much to be thankful for. Our association is not only growing, but also changing right in front of our eyes. Our entire green industry is recognizing the associations capabilities with not only small issues, but also in times of disaster and need.

We have a great and devoted board of directors, and an awesome executive secretary. Please realize we are all working hard, and will continue to be there for everyone in the entire state with any issue that may arise. In closing, through all of these trying times, and our businesses being listed as essential, the need for our green plants is higher than it ever has been. I know that our Louisiana green industry is very resilient, and together we can overcome plenty.

May God bless us all,

Ricky Becnel
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IN MEMORIAM

Wiley Roach (1932-2020)



Wiley was a 1954 charter member of Louisiana Association of Nurserymen

Mr. Roach was born October 19, 1932 and passed away June 18, 2020.

Mr. Wiley was a longtime member of the First Baptist Church in West Monroe and the Pathfinders Sunday School Class. He was retired owner of Roach Nursery. Wiley was an avid hunter, he was the longtime president of Kellogg Hunting Club on Davis Island, and he spent many memorable days at his camp on the Ouachita River.

He is preceded in death by his wife, Sally Ann Roach.

Survivors include his daughters, Donna Roach, Nita R. Little and husband, Steve, and Rachel Roach; son, David Roach and wife, Kim; nine grandchildren, Jaclyn Heard Cooper and husband Billy Cooper, Bonnie Carr and husband Chris Carr, Lindsey Hibbard, William Roach and wife Holly, Lauren Hampton, Whitney Hampton Voss and husband Zach Voss, Emily Little Clayton and husband Chace Clayton, Wesley Little and Nicholas Levet; and ten great grandchildren; and several nieces and nephews. In lieu of flowers, memorials may be made to See To It Missions at First West Baptist Church.

Dowell Robinson (1966-2020)



Dowell Robinson passed away peacefully at his home on Thursday, July 30, 2020 surrounded by his family. He was born on April 24, 1966 in Pineville, Louisiana. He attended school at both Forest Hill Elementary and Rapides High School.

Dowell was a loving father, grandfather, husband, brother, and son. Dowell was a successful nursery man and an avid outdoorsman. He loved hunting, fishing, and working in his nursery and garden. Dowell loved cooking for his family and friends.

Dowell is survived by his son Justin Robinson and his fiancé Sydney Castro, daughters Kaitlyn Jarvis and her husband Matthew Jarvis, Kayla McManus and her husband Ryan McManus, Alisha Robinson, and son Landon Robinson; mother Maxine Robinson; brothers Harold “Eddie” Robinson and his wife Kathy Robinson, Randall Robinson and his wife Dana Robinson, and Jerriot Robinson and his wife Donna Robinson; soulmate Melody McDonald; and grandchildren Averi, Mason, Ella, Charli, and Gracie; along with a host of family and friends.

He was preceded in death by his father Harold E. Robinson; grandparents Edward H. Robinson, Elsie Mae Robinson, Ernest Messer, and Viola Messer; and uncles Bobby Jean Messer and Stanley Lee Messer.

Fred Earl Mizell (1943-2020)



Fred Earl Mizell, 76, resident of Bogalusa, LA, passed away on June 24, 2020 at his residence. Fred was born in Folsom, LA, on November 3, 1943.

He is survived by his wife Carmen C. Mizell; children Gia (Jeff) Mizell May, Chris (Tim) Mizell Dixon, Ronald “Scott” (Julie) Crawford, Annette (Bill) Knight, Kasie (Nicole Touchet) Burr, Matthew (Betsy) Burr; grandchildren Parish May, Bailey Croft, Brooke Truelove, Gabi Rogers, Catic and Madison Dixon, Dustin Crawford, Seager and Eden Knox, Briggs and Bregman Burr; eight great grandchildren; brothers David (Mary) Varnado Mizell, Clarence Mizell; special sisters-in-law Kathy (Ricky) Crain, Susan (Greg Harris) Crawford, Joanne (Jimmy) Smith; a brother-in-law Richard (Gail) Crawford; and numerous nieces and nephews.

Fred is preceded in death by his parents Ellzey “Dock” Varnado Mizell and Louise Manton Mizell; a brother Edward “Buster” Mizell; a sister-in-law Leatte Magee Mizell; and a granddaughter Megan Crawford; his mother-in-law Renolda “Pat” Crawford and his father-in-law Ernest “Bert” Crawford.

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Trying Times Reveal True Character

“Strength grows in the moments when you think you can’t go on but you keep going anyway.”

This quote really resonated with me when thinking about our association, LNLA. Our members have been through some really difficult moments over the years and even more so in the past six months! It is mindboggling to think that the difficulty Covid-19 has brought on isn’t just on the local level or even the state level but all across our nation and the world ... that’s beyond huge! Negativity has impacted us all. You look around and think how on earth are we going to make this work. But then the wind blows and the Spring comes and you can feel God’s presence and know deep down, we are going to be alright. We are that Spring time to everyone! That glimmer of hope and sigh of relief. The things that we do matter!

Gerritt Monk with Monk Farms in Oakdale, LA was the lucky winner of the LNLA Fall Newsletter issue. For the past few years at the Gulf States show in Mobile, LNLA has auctioned off the front cover of the LNLA quarterly newsletter. It truly is great fun; the communion and camaraderie we all enjoy as competitors and friends. Gerritt’s plan was to send me a beautiful picture of his farm for the cover but Hurricane Laura (another one of those “trying times” this year) came sweeping across our state before he had the chance.

Gerritt was one of the first in the Forest Hill area I was able to talk to during and after Hurricane Laura. He told myself and the LNLA board about the devastation Forest Hill was faced with. As far as we knew, everyone and their families were ok and accounted for but cleanup would take some time. Time! ... time is something that is not on your hands when you have a crop on the ground with no power for water.

Bracy’s Nursery, Windmill Nursery and so many others in the Southeastern part of the state are no strangers to the power and devastation a major hurricane can rain down. Without hesitation, these nurseries jumped into action for their fellow nurserymen sending generators, water and other supplies to the Forest Hill area the next day. Yes! Competitors helping competitors! Friends helping friends! Sixty-six years ago a group of competitors, friends joined forces to form the Louisiana Association of Nurserymen.

They came together from all over the state. Today as the Louisiana Nursery and Landscape Association the mission is no different; to provide our membership with educational, marketing and networking opportunities essential to the horticulture industry. Our strength is growing, together! Gerritt decided not to show a picture of his nursery on the cover of this issue, but to show how important the unity, the network, the friendship and the strength of the association and its members are and can be.

Thank you Gerritt Monk, Randy Bracy, Todd Ellefson, Brian Bridges, Tom and Matt Fennell, the LNLA Board Members and so many others for your friendship and selfless service to our association and our great industry!

- Cari Jane Murray



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The Louisiana Nursery and Landscape Foundation for Scholarship and Research is pleased to announce grant funding for the October 1, 2020 - September 30, 2021 time period.

*Dr. Jeb Fields, LSU AgCenter Hammond Research Station

“Stratifying substrates for increased water and fertilizer efficiency in the Louisiana nursery industry”. Funded - \$2,000

*Dr. Jeb Fields, Ms. Ashley Edwards, Mr. Jason Stagg, LSU AgCenter Hammond Research Station

"Support for the LSU AgCenter Hammond Research Station Trial Gardens". Funded - \$5,000

*Dr. Jeff Kuehny, LSU AgCenter Botanic Gardens

"Burden Demonstration and Research Gardens". Funded - \$5,000.

*Dr. Paul Jackson and Ms. Kelsey Shoemaker, School of Agricultural Sciences and Forestry - Louisiana Tech University

"Providing and Interactive Landscape at Louisiana Tech University's Idea Place". Funded - \$3,500.

We are pleased to provide this \$15,500 in funding per the mission of LNLFSR.



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The Foundation (LNLFSR) is organized as a non-stock, non-profit corporation for the purpose of operating exclusively for charitable, scientific and educational purposes within the meaning of Section 501(c)(3) of the Internal Revenue Code, or the corresponding section of any future federal tax code including, without limiting or expanding the foregoing, providing scholarships to Louisiana college students, enrolled in horticulture or closely related fields, providing grants to individuals and research organizations and to support institutions providing education in horticulture through financial assistance for research, education and information expenses.



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LNLA Scholarship Winners From the Past WHERE ARE THEY NOW?



FRANCES DAVIDSON HUTSON

Frances was recognized with a scholarship in 2009. She attended Millsaps College and was an undergraduate student in the landscape management curriculum at Louisiana Tech University in Ruston where she graduated in the fall of 2009. She was born in Jackson, MS and graduated from River Oaks High School in Monroe. She was an active member of the Greenscape Club at Louisiana Tech. Currently, Frances serves as Staff Horticulturist for The Biedenharn Museum and Gardens in Monroe. The Biedenharn Museum and Gardens is a collection of museums that includes an estate garden named Elsong Gardens. Elsong attracts casual and serious gardeners to a location that is visually pleasing through all seasons. I am proud to be able to contribute to the longevity of this vibrant piece of Louisiana culture through the practice of horticulture.

WILLIAM AFTON

Will was recognized with a scholarship in 2010. He is a native of Minnesota. Will graduated from Baton Rouge Magnet High School in 2002 and majored in environmental horticulture at Louisiana State University where he received his B.S. degree in 2011 and a M.S. degree in 2018. Will also was awarded a scholarship from the Baton Rouge Landscape Association during his time in college.

He worked for 11 years at Clegg's Nursery in Baton Rouge and is a LNLA certified nursery and landscape professional. Will has been serving as county agent doing horticulture work with the LSU AgCenter in St. Tammany parish since 2013. He is also the secretary of the Southeast Louisiana Nursery Association, coordinator of the Northshore Spring Garden Show and is a member of the Louisiana County Agricultural Agent's Association.



RICHARD VANDERMUELLEN

Richard was recognized with the association's Ira Nelson scholarship in 2010 when he was a senior majoring in horticulture/plant science at Southeastern Louisiana University. He is a native of Michigan. He graduated from Lapeer West High School in 200. At Southeastern, Richard was an active member of the horticulture club. Richard is a LNLA certified nursery and landscape professional and was employed during his college years at Clegg's Nursery in Denham Springs. Rick worked 3 years as a research farm assistant at the LSU AgCenter's Hammond Research Station prior to moving back home to Michigan where is the supervisor of hanging basket production and seed manager at Wojo's Greenhouse in Ortonville. Richard was just nationally recognized as a "Rising Star Under 40" by Lawn and Garden Retailer Magazine for 2020.



MARCIE MATHEWS MIZE

Marcie received a Louisiana Nursery & Landscape Scholarship award in 2002 while an undergraduate student at Louisiana Tech University She says she "loved her days on South Campus, learning about plants, and connecting with others who shared my passion for horticulture". Marcie had just married and had her first child a year earlier. Juggling full time school, & family was challenging for her but receiving the award "encouraged me to keep going and work hard to finish my degree". Marcie says she is still honored to this day to have received the LNLA scholarship. Marcie graduated in 2003 and has been employed as a research associate at the LSU AgCenter's Northeast Research Station ever since. She is passionate about native plants and their use in the home landscape.





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HIGH SCHOOL HORTICULTURE PROGRAMS IN NEED



Sandy Blanchard (pictured) teaches horticulture to over 80 students at Northshore High School in Slidell, LA. These students range from 4.0 students to special needs. How incredible to have these programs in our high schools! This is where the love of horticulture begins! Northshore High School recently purchased 100 "Louisiana Manuals for the Environmental Horticulture Industry" from LNLA for their students. Sandy's hort students hope to have a Fall plant sale to support their program.

If you would like to support Northshore High School and other educational programs like these in our state, mail a check to LNLA at PO Box 1447, Mandeville, LA 70470 with "High School" in the memo.



Named Scholarship or Research Grant Funding are great ways to honor your loved ones.

While the express purpose of the Foundation is to provide funding for scholarships and research, there are also naming opportunities that exist for businesses or individuals that may desire to name a Scholarship/Research in honor of someone or some other entity.

LNLF SR requires a minimum investment of \$10,000.00 to have a named Scholarship/Research.

The investment may be accomplished in four different time frames:

- \$10,000.00 in a lump sum payment
- \$5,000.00 over a two year period
- \$2,500.00 over a four year period

Once the named Scholarship/Research is fully funded, the donor has some discretion working with the Foundation, to decide the dollar amount of the Scholarship/Research and thus the length of the time their naming funds would last.

Options for dispersal of funds towards scholarships or research grants could be:

- \$1,000.00 each over ten years
- \$2,000.00 each over five years
- \$2,500.00 each over four years

Donors would have the opportunity to add to their original investment if they decided to continue their named Scholarship/Research longer. Contact Cari Jane Murray, LNLF SR Executive Secretary for more information.

ANNOUNCING THE 2021 LOUISIANA SUPER PLANTS

Submitted By: Jeb S. Fields, PhD



The Louisiana Super Plant program is an education campaign of the LSU AgCenter that identifies superior plant material for Louisiana Landscapes. Louisiana Super Plants have gone through rigorous trials at multiple AgCenter locations across the state of Louisiana, as well as being approved by the Louisiana Green Industry. As such, Louisiana Super Plants are considered to be “University tested, industry approved.”

The Louisiana Super Plant team has completed voting and selected the winners of the 2021 Louisiana Super Plants. While it was a very competitive year, we have four amazing plants that we can say with confidence are at home in every Louisiana landscape.



Starting the year off, we have Beacon Impatiens. One of the top performers in the Hammond Trials over the last few years, Beacon offers amazing warm-season color in shade gardens. Impatiens have long been a staple crop for shady Louisiana landscapes; however, with our high heat and humidity that extends throughout the night, some impatiens can develop mildew issues. Not the Beacons. We have mounds of color and pop in the shade without the negative disease issues. They come in a wide variety of flower colors that look great against their deep green foliage.

The second 2021 Louisiana Super Plant is Suncredible Yellow Sunflower. Another of our top performers for the last few years in the Hammond Trials, Suncredible provides non-stop flower power. Quite the opposite from Beacon, Suncredible Yellow Sunflowers thrive in full sun and take the heat as good as any flower out there. Excellent for pollinators, these indeterminate sunflowers steal the show with a mound of color. Unlike most other sunflowers, Suncredible keeps blooming and branching providing color into fall. These will not only make a statement in the landscape, but they will make your neighbors will be jealous as well.



Our third Louisiana Super Plant for 2021 is a long-time landscape favorite and native grass – *Muhlenbergia capillaris* – commonly known as Muhly grass. We wanted to build upon the native plant trend and we just love native grasses. This is a workhorse in the landscape, thriving in many conditions and resisting almost anything it encounters. One of the few ornamental grasses grown for its flowers, Muhley grass blooms with lacy pink flowers put in the fall when most other grasses are turning down for the year. Muhly grass does well in sun or part shade, handles wet and dry soils, and is just plain adaptable. Hardy throughout the state, muhly grass can grow 3-4 ft tall and spread 3-4 ft wide, which can be enjoyed as a single specimen or planted in bunches. Muhley grass is very low maintenance, has year-round landscape appeal, and is one of the most drought tolerant grass species available.

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The fourth and final 2021 Louisiana Super Plant was one of the toughest choices we have ever made, as there were quite a few excellent contenders. That being said, we absolutely love our cool-season color and Petunias are some of our absolute favorite. That's why we are naming Supertunia Mini Vista Indigo our fourth 2021 Louisiana Super Plant. Supertunia Vista Bubbegum is still one of our favorite Louisiana Super Plants, and one of the best landscape petunias for Louisiana Landscapes. The Supertunia Mini Vistas bring some added excitement. The Mini part of the name indicates smaller flowers, which really bring some wonderful texture to the landscape and have a unique look that is just amazing. While we really like all the Supertunia Mini Vista varieties, Indigo brings a unique color, extreme flower density and excellent vigor to the landscape. Grown in full sun, these make an excellent addition for the cool season, providing color, texture, and appeal from November through April.



Look for more information to be released on the 2021 Louisiana Super Plants as we close out 2020. For more information on the Louisiana Super Plants Program, please visit www.LSUAgCenter.com/SuperPlants or contact Jeb Fields: JFields@agcenter.lsu.edu



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CURRENT SELECTIONS

WARM-SEASON BEDDING PLANTS

Angelonia – Serena series
 Angelonia – ‘Seronita Raspberry’
 Begonia – BabyWing series
 Cleome ‘Senorita Rosalita’
 Pentas – Butterfly series
 Alternanthera (Joseph Coat) ‘Little Ruby’
 Lantana – Bandana series
 Buddleia ‘Flutterby Tutti Frutti’
 Hibiscus – Luna series
 Torenia – Kauai series
 Gaillardia – Mesa series
 Coleus ‘Henna’
 Pennisetum ‘Fireworks’
Salvia farinacea ‘Evolution Violet’
Salvia farinacea ‘Evolution White’
 Verbena ‘Homestead Purple’
 SunPatiens (compact varieties)
 Celosia ‘Intenz Classic’
 Lemon Sedum

COOL-SEASON BEDDING PLANTS

Columbine – Swan series
 Dianthus – Amazon series
 Dianthus – Jolt series
 Foxglove – Camelot series
 Kale ‘Redbor’
 Viola – Sorbet series
 Delphinium ‘Diamonds Blue’
 Petunia ‘Supertunia Vista Bubblegum’

SHRUBS

Camellia ‘Shishi Gashira’
 Camellia ‘Leslie Ann’
 Azalea ‘Conversation Piece’
 Gardenia ‘Frostproof’
 Hydrangea ‘Penny Mac’
 Rose ‘Belinda’s Dream’
 Althea (Rose of Sharon) ‘Aphrodite’
 Rose – Drift series
 Viburnum ‘Mrs. Schiller’s Delight’
 Blueberries – Rabbiteye Varieties
 Virginia Willow ‘Henry’s Garnet’
 Hydrangea paniculata ‘Limelight’
 Lime Sizzler Firebush

TREES

Evergreen Sweetbay Magnolia
 Southern Sugar Maple
 Willow Oak
 Vitex (Chaste Tree) ‘Shoal Creek’
 Southern Magnolia ‘Little Gem’



2020 SELECTIONS

- Lucky Star Pentas
- FlameThrower Coleus
- American Beautyberry
- Bald Cypress



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CONGRATULATIONS to Kristopher S. Criscione, Louisiana State University graduate student with Dr. Jeb Fields at the Hammond Research Station on being awarded the Dr. James & Faye Foret Scholarship from the Southern Nursery Association's Sidney B. Meadows Fund. Kris is working on container substrate management for increased nursery production efficiency.

The Sidney B. Meadows Scholarship Fund, created in 1989 by the Southern Nursery Association (SNA), has announced the names of twelve students from nine southeastern universities chosen to receive academic scholarships this year. Seven of the awards are named scholarships honoring past industry leaders.

The Foret Fund was established with funds from an anonymous Louisiana contributor along with a contribution from the Louisiana Nursery and Landscape Association to complete the endowment requirement.

CONGRATS again to KRIS! We look forward to your contributions to the nursery and landscape industry!



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IPPS – SOUTHERN REGION STUDENT COMPETITION SCHEDULED

The Southern Region International Plant Propagators' Society is hosting the 2020 Charlie Parkerson Student Research Competition Online! This year's virtual competition will be held on Wednesday, 14 October from 2 - 5 pm EDT.

The most highly respected organization of nurserymen in the southern United States of America is offering three awards for original research results pertinent to the production of horticultural crops in the southern USA. Graduate and undergraduate students enrolled in any university, junior, community, or four-year colleges are eligible. Three students will be selected to present oral presentations and four students for poster presentations at the meeting. In past years, students have reported on many aspects of horticulture – macro and micropropagation, rooting hormones, new substrates, herbicide movement in runoff water, and weed control in nursery production.

This year we will use the same guidelines and deadlines as our prior on-site competition, but the students will present their posters and papers using the ZOOM platform. Three awards, \$500, \$250, and \$150 will be given to first, second, and third-place papers, respectively. This is a great opportunity for students to present their research and meet many of the leading growers in the Southeast U.S. In addition, three student papers will be selected to present a poster in an online poster session. Winners will be announced during the Southern Region virtual summit on Wednesday, 28 October 2020. Join us to learn, support, and cheer on our students. Bring your questions!

ZOOM MEETING! Register here: <https://ksu.zoom.us/j/684jxnmUYA7>

IPPS – NORTH AMERICA VIRTUAL SUMMIT 2020

October 27-29, 2020

Eastern Region: October 27th, 9am - 12pm EST

Southern Region: October 28th, 9am - 12pm EST

Western Region: October 29th, 3 - 6pm EST

Southern Region Speakers:

Dr. Dave Creech - Dr. Dave Creech, Regent's Professor and Professor Emeritus, has been at Stephen F. Austin State University, Nacogdoches, Texas since September, 1978. Dr. Creech received his BS in Horticulture from Texas A and M University in 1970, a MS in Horticulture from Colorado State University in 1972, and he returned to TAMU and was awarded the PhD in 1978. Dr. Creech is semi-retired and currently directs SFA Gardens, a 68-acre on campus horticultural resource.

Dr. Michael Dirr - Bachelor and Master's, horticulture, the Ohio State University; PhD, plant physiology, the University of Massachusetts; Assistant and Associate Professor, University of Illinois; Professor, now Emeritus, the University of Georgia; director of the University's botanical garden; taught landscape plant taxonomy, propagation, and introductory horticulture; received the major College and University teaching awards; mentored and advised undergraduate, Master's and PhD students; published 50 scientific articles, over 400 popular and trade articles, and 10 books, with the manual of woody landscape plants, 6th edition, the major teaching and nursery reference tome in the US; Dirr's Encyclopedia of Trees and Shrubs (2011) includes 3600 photos and textual descriptions; introduced 200 trees and shrubs into commerce with 29 patents granted during the Georgia tenure; received the inventor of the year award from the UGA Research Foundation in 2009; Fellow, National Academy of Inventors, 2015 (first ornamental plant breeder ever inducted); started a plant breeding company (Plant Introductions, Inc.) with two partners in 2006 and sold it to Bailey nursery, St. Paul, MN in 2015 with 61 patented plants; new breeding company, premier plant introductions, initiated 1-1-2020 with same partners; The Tree Book, from Timber Press, was published in May, 2019; currently working on a revision of my 2004 Hydrangeas for American gardens; enjoy noble trees, travel, hiking, gardening and family; life is great!

Dr. Dennis Werner - Dennis was raised in York County, Pennsylvania. He was hired as Assistant Professor of Horticulture at NCSU in 1979 with responsibilities in teaching and plant breeding. He is now an Emeritus Professor, affiliated with the JC Raulston Arboretum, still continuing his efforts in redbud breeding. His redbud introductions are 'Ruby Falls', 'Merlot', 'Whitewater', 'Pink Pom Poms', Flame Thrower, and Golden Falls. His numerous cultivar releases in Buddleja focused on sterility, compact growth habit, and expansion of the color palette. In 2013 he was awarded the Luther Burbank Award for extraordinary achievement in plant breeding from the American Horticulture Society.

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Green Parking Shade Control

Shading & Cooling Parking Lots

Large conventional parking lots in cities have harmful effects. They include problems associated with water quality, urban temperature, air emissions, non-point pollution, removal of native habitat, influx of invasive species, removal of open space and accommodating urban sprawl. There has been much written in the last decade about 'green parking lots' and how they solve environmental problems. This greening designation was defined by the LSU School of Landscape Architecture in the 1980s. Simply put, this definition suggests "putting parking lots to work" providing ecosystem services. Green parking lots manage stormwater, filter the air, produce oxygen, preserve native soil, cool cities, increase biodiversity and improve human health and well being. Figure 1.0 illustrates some typical greening methods that are designed in parking lots. Community landscape codes are going green. A typical example of a landscape code, that greens parking lots by providing shade is the one from hot and steamy Miami, Florida. The purpose of Miami's shading standard is to cool parking lots by planting trees to channel breezes. Their code is written to offset global warming and local heat island effect through the added absorption of carbon dioxide." More cities have become aware that parking lot shading is a tool to reduce the urban heat island effect of cities.

Parking Lot Shading Criteria

The heat from parking surfaces can be modified in three ways. These include adding shade with trees or overhead shade structures, increase the reflectivity of pavement or convert up to 30% of the paved area into human or wildlife habitat landscape space. Planting of trees in parking lots provide many ecosystem services. These include the ability of trees to reduce greenhouse gases, store carbon, and provide shade. Parking lot trees also reduce the scale and size of a paved areas and provide therapeutic views of nature for urban dwellers

LOWERING THE TEMPERATURE

Heat build up is reduced if ultra white concrete or very light colored stone material is used as pavement. Any paving that uses a colored high-albedo surface material will achieve the required 0.30 reflectance level required by the LEED or SITES program to achieve sustainability credits. Overhead architectural features can be designed to reduce heat build up from parking lots. Overhead structures or shading devices must be designed with a solar reflectance (SR) value of 0.28 or better. Solar energy captured by these structures is an extra benefit. The structure can use solar panels to power parking lot lighting, parking meters, irrigation systems, decorative elements such as fountains or even supplementing energy removed by electric vehicle charging stations that are often included in green parking lots. Lowering the temperature below free standing sun screens reduce evaporative emissions of volatile organic compounds (VOCs) that emanate from cars stored in the sun. Interior temperatures within parked cars are reduced greatly as anyone who parks under a live oak tree will attest. Shaded walkways within parking lots also can cool pavements but perhaps more importantly allow people

to walk back and forth without exposure to harmful radiation. Replacing 30% of parking lot paving with planted natural areas is even a better method of reducing urban heat emanating from paved surfaces. Rainfall is another valuable resource to capture with overhead structures. Since planting beds for trees or shrubs are adjacent to overhead sun screen structures it is possible to capture rain and channel it to planting beds, bioswales, constructed wetlands or restored aquatic systems.

Sun Screens To Green Parking Lots

Greening a parking lot is largely about maximizing shade, blocking the sun and reducing urban heating as a result of modifying pavement. The most effective way to reduce the urban heat island problem is to use of pre-engineered fabric shade structures. Shade structures have the capability of reducing air temperature up to 20 degrees while blocking up to 96% of the sun's ultraviolet strength. Car interiors parked under a shade structure can be 100o cooler than those parked in an open lot. Shade structures as manufactured by Apollo SunGuard, Sarasota, Florida have engineered structural framing and custom cut specially treated UV tolerant polyethylene fabric. See Figure 2.0 Many colors for framing and fabric are available. Fabric is warranted for its great durability, UV protection, aerial strength and it's ability to shade out harmful solar radiation. Shade structures can complement any building exterior and easily connect to walkways and landscape planting beds. Not only do fabric screens have a relatively long life span, but when replacement is needed after 15-20 years of service, it is easy and quick to change out the fabric. Worn out fabric is recycled. When properly sited in a North-South direction shade patterns move from sunrise to sunset covering on average between 80% and 40% of the parking surface. Shade structures take up less room and are even more effective than trees. See Illustrations below. Shade structures in parking lots can be equipped with lighting systems, surveillance devices, solar panels and electric charging stations. Sun screens can be used at drop off zones as well as for bus parking bays and any place in a parking lot that has been provided for seating. A well designed green infrastructure system in which shade in green parking lots play an important roll is a goal all cities. Landscape architects can do their part to reduce urban heat in parking lots with trees, cool pavements ample landscaping and free standing fabric shade structures.



Fig. 1.0 Green Parking Lot Design Strategies, Abbey Associates, Inc

Fig. 2.0 Patented Sun Screen, Apollo Sunguard, Sarasota, Florida





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WEED DOCTOR'S CORNER



By: *Dr. Ron Strahan, Assistant Professor in Weed Science, LSU AgCenter
Baton Rouge, (p) 225-578-2392 or (e) rstrahan@agcenter.lsu.edu*

Turfgrasses Can Invade Flowerbeds Too

I answer calls about controlling torpedograss and other weedy grasses in a flower bed setting all the time. However, I see as many issues with invasive turfgrasses in landscape beds as I do most other grasses. So, if centipedegrass or zoysiagrass starts invading your flower beds, what are your options? Which grass killers work best at controlling certain lawn grasses infesting the flower beds?

Sethoxydim is a grass killer that many of landscape professionals use to kill grasses in flower beds. It's effective on many summer weedy grasses like crabgrass and goosegrass and has good safety for bedding plants and most other non-grass ornamentals. If you expect sethoxydim to kill centipedegrass that's invading your flower bed, get ready for disappointment. Centipedegrass tolerates sethoxydim products very well. In fact, it's labeled for grassy weed control in centipedegrass at some very high rates. With that information, it's obvious that sethoxydim is not going to kill centipedegrass in the flowerbed. Clethodim is also labeled for grass control in flower beds. However, this herbicide is also well tolerated by centipedegrass. Fluazifop is your best choice if you are targeting centipedegrass. Fluazifop does a great job of killing weedy centipedegrass and it's labeled for over the top application on several landscape plants.

St. Augustinegrass spreads quickly into flower beds and can be a real problem if left unchecked. However, it seems to be sensitive to sethoxydim, clethodim and fluazifop. I've been able to kill St. Augustinegrass pretty well in landscape beds with a couple applications of these herbicides at their high-end rates.

Bermudagrass is a highly aggressive rhizomatous grass that makes a great lawn in full sun. It is extremely difficult to control and seems to have the ability to recover from most herbicides, including glyphosate. If bermudagrass (common or hybrid) infests flower beds, there are selective control options available. Both sethoxydim and fluazifop have activity on bermudagrass. However, fluazifop provides better control on bermudagrass in our tests. Multiple applications

will be needed, but fluazifop is the best choice if bermudagrass invades the flower bed.

Many of you in the green industry that have seen me give a presentation on turfgrasses know that zoysiagrass is my favorite lawn grass. It makes a tight turf that has less weed problems when grown correctly. It's rhizomatous and does really well in moderately shady yards. It's a good alternative to St. Augustinegrass in my opinion. Unfortunately, zoysiagrass is extremely invasive and tough to control selectively in the flower bed. It readily tolerates fluazifop. But, it has less tolerance for repeated applications of sethoxydim and clethodim. Get ready! You will be spraying zoysiagrass very often to keep it out of the flower bed.

Here's a quick reference table for control options for turfgrasses that invade flower beds.

Selective Control Options for Turfgrass Infesting Flower Beds <small>E=excellent, G=good, F=fair, P=poor</small>			
Invasive lawn grass	Sethoxydim	Clethodim	Fluazifop
Bermudagrass	G	G	G-E
Centipedegrass	P	P	E
St. Augustinegrass	G	G	G
Zoysiagrass	F-G	F-G	P

Quick Fall Weed Control Tip – Fall glyphosate applications are more effective on torpedograss

Torpedograss continues to dominate landscapes in south Louisiana. I can't make it through a growing season without writing something about this horrendous invader of lawns and flower beds.




Torpedograss is often introduced into new areas during construction by using soil contaminated with rhizomes. Once introduced into landscapes, torpedograss quickly becomes the predominant species in flower beds.

WEED DOCTOR'S CORNER

(continued from previous page)

We all know that hand removal is not an effective option for eliminating torpedograss in landscape beds. Selective grass-killing herbicides such as sethoxydim and fluazifop only temporarily suppress the weed's growth, although fluazifop is more effective than sethoxydim.

I've had the most luck on torpedograss with fall wipe applications of high rates of glyphosate. Carefully wiping or brushing the torpedograss leaves and stems with a 10% volume/volume glyphosate solution provides improved control late in the growing season. Here is the science behind the better control. Perennial plants like torpedograss send a good portion of their carbohydrates downward during the fall. Simply put, there's more glyphosate transported downward into the rhizomes and roots with fall applications. Of course, don't wait till fall to try and control torpedograss. Stay on top of it throughout the growing season.



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THE PLANT DOCTOR



By: *Dr. Raj Singh, Associate Professor and Director, Plant Diagnostic Center, LSU AgCenter, Baton Rouge, (p) 225-578-4562 or (e) rsingh@agcenter.lsu.edu*

Take-All Patch in Louisiana Lawns

Take-all patch is a fungal disease caused by *Gaeumannomyces graminis*. The pathogen is soil-borne and can be found in association with turfgrass roots without causing significant disease. It is a stress related disease and may cause severe injury to the turf especially during periods of heat and drought.

The initial symptoms of take-all patch are generally visible as an overall yellowing, thinning or drought-stressed appearance of the turf. As the disease develops, large, irregularly-shaped areas of turf die (Figure 1). Diseased roots are dark-colored and somewhat brittle (Figure 2). The overall density of the root system is also greatly reduced. Affected grass stolons can easily be pulled out from the diseased lawns. Careful examination of grass stolons and the base of the leaf sheaths with a hand lens may reveal the presence of the black strands of fungal mycelium on their surfaces (Figure 3). Symptoms caused by take-all patch can easily be confused with injury caused by chinch bugs.

The management of take-all patch relies primarily on the use of cultural practices to relieve the stresses that triggered the disease and to modify the environment to make it less conducive for the pathogen. These stresses include soil compaction and poor drainage, drought, improper mowing height, excessive thatch build up and the overuse of herbicides. It is also important to be sure that the soil pH is in the range 5.5-6.0 and to use slow-release acidifying forms of nitrogen. Because we are actively trying to regrow roots, it is important to mow the grass at recommended heights, provide adequate potassium (potash) and avoid using root-inhibiting herbicides. Fungicides containing the active ingredient azoxystrobin or propiconazole or triadimefon may be beneficial when used as part of an integrated disease management program. Current recommendations are to make two applications in the fall (mid- to late September and again in mid- to late October) and one application in the spring (mid- to late March). Apply at least ¼ inch of water to move the fungicide into the root zone where it is needed to protect roots.

For information on slime molds, please call 225-578-4562 or email rsingh@agcenter.lsu.edu. Visit our website at www.lsuagcenter.com/plantdiagnostics.



Figure 1. Large, irregularly-shaped dead areas of turf and patches of bare ground.



Figure 2. Dark, brittle roots of diseased turf.

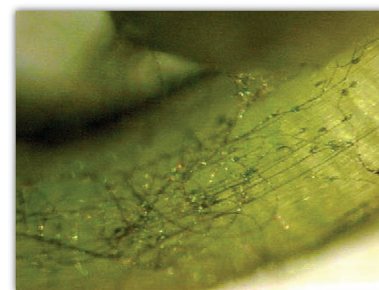


Figure 3. Presence of black strands of fungal mycelium on affected stolons.

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PLANTS, PLANTS, and MORE PLANTS

*By: Allen Owings, Horticulture Professor Emeritus (LSU AgCenter), Senior Horticulturist (Bracy's Nursery), Horticulturist (Clegg's Nursery)
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The summer months in Louisiana were good for plant sales. Seems more and more people have found gardening and landscaping. In addition, our regular customers are shopping more than ever. Some folks have said the “green industry is “recession proof”. I am not sure I agree with that but things have gone very well for 70-75% of green industry businesses during the pandemic and the South has done the best of any region in the country. Here is to a promising fall.

National Garden Bureau “Year of the” Program - 2021

The National Garden Bureau has announced the five plant classes that will be featured in the 2021 “Year of the” program.

For the bulb crop, 2021 will be the Year of the Hyacinth.

For annuals, 2021 will be the Year of the Sunflower.

For edibles, 2021 will be the Year of the Garden Bean.

For perennials, 2021 will be the Year of the Monarda.

For flowering shrubs, 2021 will be the Year of the Hardy Hibiscus.

The “Year of the” program chooses crops specifically for the North American market that are easy to grow, genetically diverse, and with a lot of new breeding to showcase. Breeders, brokers, seed companies, growers and garden centers throughout the U.S. and Canada are urged to highlight these flowers and plants when planning their marketing for the 2021 season as the publicity generated from this program is substantial. These are 5 plants that Louisiana growers, retailers and landscapers should be able to market well. More information coming soon at www.ngb.org.

January Trade Show Events

The pandemic has eliminated in-person gatherings and conferences. At the current time these events are still scheduled for January 2021: Gulf States Horticultural Expo, Arkansas PLANTS, SC (South Carolina) Green and TPIE in Florida. MANTS and the Georgia Green Industry Association’s WinterGreen will be virtual.

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New Bottlebrush in the Southern Living® Plant Collection

Light Show® Red is a dense, emerald green foliage covers this tough flowering shrub. Reaching only 2–3’ tall, as well as being drought and salt tolerant, Light Show® Red is suitable for a variety of landscape applications. Striking red bottlebrush flowers appear early summer and last through fall. New growth is light green, darkening as it ages. It is a low maintenance winner with long lasting good looks. 50% larger than Little John with more unique flowers compared to Better John.

PLANTS, PLANTS, and MORE PLANTS

(continued from previous page)

The Three Top Selling Blackberries

Fruit is hot and selling well. Small fruit such as blueberries and blackberries are very popular and moving well at retail. The top three selling blackberry varieties are all University of Arkansas developed.

Natchez PP#20891—University of Arkansas release from 2008. Habit is semi-upright and thornless. The yield of fruit is twice that of its’ sister variety Arapaho. Chilling hours of 400-500.

Prime-Ark® Freedom PP#26990—University of Arkansas release from 2014. Habit is very erect and thornless. Primocane (first year) cane producer with August-September harvest. Abundant floricanes (second year) cane producer with very early season harvest. Low chilling hours.

Ouachita PP#171632—University of Arkansas release from 2003. Thornless, erect canes with high yields. Large, very sweet berries with exceptional shelf life. Great for the commercial or home orchard.

Remember to tell your friends that they cannot grow great plants if they have not botany (“bought any”).....Keep greaux-ing and horticulture-ing.....do not be “caught with your plants down”.....friend me on Facebook for daily horticulture (along with eating and LSU sports).



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LOUISIANA DEPARTMENT OF AGRICULTURE AND FORESTRY UPDATE

Unsolicited Mystery Seeds

*Submitted by: Dr. Ansel Rankins Sr. Director, Horticulture and Quarantine Programs Division
Louisiana Department of Agriculture and Forestry, (p) 225-952-8100 or (e) arankins@ldaf.la.gov*

The Louisiana Department of Agriculture and Forestry (LDAF) are warning Louisiana residents about unsolicited packages of seeds received through the mail. The unsolicited seed packets, originating from a foreign country including China, may bear Chinese characters and the name China Post. The mailing label usually indicates the package contains jewelry, earbuds or accessories but actually contain seed packets.

As of August 14, LDAF has received nearly 900 inquiries from Louisiana residents reporting having received suspicious seed packages. LDAF inspectors have collected hundreds of packages, and are forwarding those packages on to USDA for testing. The USDA has identified several different species including, dozens of plant species, weeds, ornamentals, herbs, vegetables, and a few agricultural crops.

The USDA's Animal and Plant Health Inspection Service (APHIS), the lead regulatory body on this matter, believes the seeds to be part of a "brushing" scam, where unsolicited items are sent in order to post false customer reviews and boost online sales. Upon receiving seed packages from recipients, the USDA will test the contents to determine if a risk is posed to agriculture or the environment.

The introduction of plant seeds into the United States is tightly regulated by the USDA. Seeds of unknown origin may constitute agricultural smuggling, may be invasive, may introduce pathogens, toxins, or plant and animal diseases, may pose a risk of foodborne illness, and may pose a threat to plant and animal health. LDAF is continuing to work closely to receive additional guidance from the USDA and APHIS, in consultation with U.S. Customs and Border Protection.

Plant seeds from unknown sources may introduce dangerous pathogens, diseases, or invasive species into Louisiana, putting agriculture and our state's plant, animal, and human health at risk. Anyone receiving suspicious seed packets should not plant them, but should report it to LDAF immediately, so that our inspectors can safely collect them for analysis.

What to Do: Anyone receiving unsolicited seed packages from other countries should follow these directions:

- **Do not open** the seed packet and avoid opening outer packaging or mailing materials, if possible.
- **Place the seed packet AND mailing materials into a sealable plastic bag-** this is important to determining the origin of the seed.
- **Do not plant** the seeds or discard them in trash that will be landfilled.
- **Report the seed package** to the LDAF Seed Division by completing an online fillable form on website
<https://www.ldaf.state.la.us/news/unsolicited-seeds-from-china/> - Allow 2 weeks processing time as the state has been heavily impacted by this issue.
- **Mail the seed packages to USDA** State Plant Health Director, USDA APHIS PPQ, 4324 South Sherwood Blvd, Suite 150, Baton Rouge, LA 70816.





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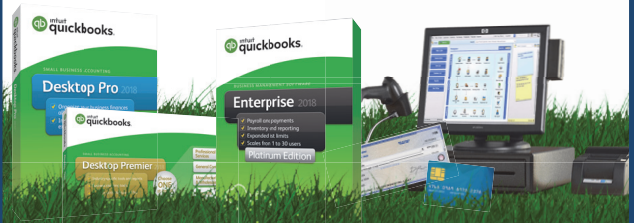
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Hammond Research Station Update

Jeb S. Fields, PhD

I would again like to take to opportunity to first wish everyone well in these uncertain times. We understand that many people have been affected by the COVID-19 Pandemic and the LSU AgCenter and the Hammond Research Station continue to extend our well wishes to everyone. We also want to wish a speedy recovery to those adversely affected by Hurricane Laura, and at the time of this writing, any potential individuals or operations impacted by Tropical Storm Sally. We are always here to help in any way we can.



The summer is coming to a close and there is talk of cooler weather on the horizon, but that does not mean we take a break. Our staff continues to work diligently to keep our trials moving into the fall. Believe it or not, we are beginning to ramp up our cool season bedding plant trials. While we are still unable to open the gates at the time of writing this update, we can't wait until we can safely allow visitors back into the gardens. As I mentioned in earlier updates, we have increased our efforts in different avenues such as social media to "show off" as best as possible. We have been promoting our Monday Marvels on our social media pages and have plans to develop more virtual tours of the gardens moving into fall. Our Hammond Trials website is moving closer to bring released every day, and we expect to deliver all of our trial information to your computer daily by the end of the year. If you haven't heard, we are working with LSU

AgCenter Information Technology on developing a Hammond Research Station website, where real-time data and information on all of our trials can be at your fingertip, although we still enjoy when you reach out and call us!



The biggest news we have for this issue is our recently published 2020 Hammond Research Station Virtual Horticulture Field Day on our website. As with most groups, we could not hold an in-person event, we decided to up our game so to speak and bring you even more information virtually. We provided tours of our major gardens and highlighted some of our absolutely favorite plants. We also had some research updates by station faculty and graduate students. We are also offering a CEU for landscape architects that participate. It is still up and will remain so. If you haven't had a chance to watch, you can find the event at the following web address: <https://bit.ly/hammondfieldday> or just visit the LSU AgCenter Hammond Research Station website.

We successfully wrapped up our first season as an official All-America Selections trial garden for containerized ornamentals. We were very excited for the opportunity to participate and look forward to working with the program.

Graduate student Kristopher Criscione, who is working on a Master's degree in environmental nursery production, has been awarded the Dr. James & Faye Foret Scholarship from the Southern Nursery Association's Sydney B. Meadows Fund. Kristopher is working on stratified substrates,

or stacking unique layers of soilless media within a container. Kristopher is hypothesizes that more sustainable irrigation and fertilizer management options will result from his stratified substrate research, thus leading to the opportunity for lower costs and lowered environmental impact associated with production resources. We are all very proud of Kristopher's accomplishments and excited to see his research unfold.



In other news, we were recently awarded funding by the USDA Specialty Crops Research Initiative

to pursue a North American Soiless Substrate's Summit, where we will bring researchers, extension specialists, growers, and substrate suppliers from across North America together to identify new innovations on the forefront of soilless substrate science. Look for more information on this national project in future updates. Continuing with the containerized crop production research, we were awarded a Specialty Crop Block Grant by the Louisiana Department of Agriculture and Forestry this past summer to investigate fresh citrus production in containers. This research is slated to begin in 2021; however, the Arlene and Joseph Meraux Foundation has broken ground on a new greenhouse facility at the Docville Farm, where we will be conducting this research into the future. We are very excited about this partnership as we move into the future. Stay tuned for more updates as this and other projects continue.

Until next time,

Jeb





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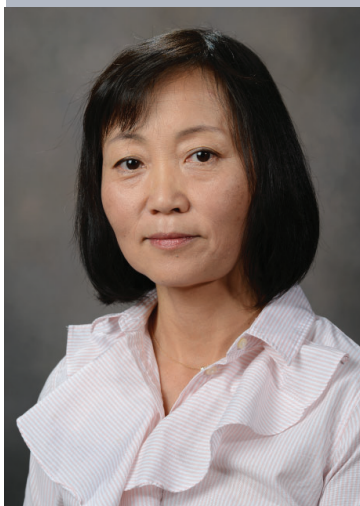
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LSU AgCenter Scientists Awarded Specialty Crop Grants

Writer: Johnny Morgan at jmorgan@agcenter.lsu.edu - (09/09/20) HAMMOND, La.



Two LSU AgCenter researchers have been awarded U.S. Department of Agriculture grants to look at ways to improve specialty crops. Yan Chen, horticulture researcher at the Hammond Research Station, will be looking at ways to improve the U.S. tea industry. Chen said her goal in accepting the \$50,000 award is to establish partnerships and build infrastructure for production, harvesting, processing and marketing of U.S.-grown tea.

“Total annual consumption of tea in the U.S. has increased from \$1.84 billion in 1990 to \$12.66 billion in 2018, and this market demand was almost exclusively met through imports,” she said.

Chen says the climatic and soil conditions in many regions in the U.S. are suitable for growing the tea plant. In the past decade, there has been a renewed interest and demand for tea that is both grown and processed locally.

“This planning grant will support two listening sessions with stakeholders: one in the fall of 2020 at the Hammond Research Station and another meeting in early spring of 2021 at the University of California at Davis to prioritize industry needs,” Chen said.

The long-term goals are to improve production efficiency, harvesting and processing mechanization, quality and profitability of U.S.-grown tea, and to enhance the overall economic, social and environmental sustainability of the domestic tea industry.

The second grant for \$49,997 was awarded to AgCenter commercial horticulture specialist Jeb Fields, who is looking at using soilless media to grow plants. Fields said traditionally, ornamental and greenhouse vegetable crops have been grown in soilless substrates due to the need for transportation and sterile environments.

Production of specialty crops in soilless substrates is expanding, with many high-value crops now shifting from traditional field production to soilless substrates due to diminishing availability of fumigants, increasing pest pressure and the need for flexible production practices, Fields said.

“We are starting to see national and global shifts where new specialty crop sectors are starting to utilize soilless systems for crop production,” he said. “Our team is composed of scientists at six universities in North America as well as researchers at the USDA whose goal is to host a North American Soilless Substrates Summit to identify and define the goals and needs for the future of the specialty crop industry.” Soilless production has many benefits to new specialty crop sectors, Fields said. Most include resource efficiency, especially in relation to water and fertilizer.

“Soilless culture allows for high-yield precision agriculture in areas with poor soil health,” he said. Fields said it is very feasible for many growing operations to shift.

“We are seeing large tree nurseries and small fruit producers across the country shifting portions of their production into soilless culture,” he said.

Some fruit tree producers are also beginning to investigate the potential of soilless culture.

“We engineer soilless systems to provide all the necessary inputs and growing parameters the crops need,” Fields said.

“While ease of transport has primarily been the push for soilless production, we are seeing beneficial opportunities for long-term crops to be grown in some sort of soilless system,” he said.



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LOUISIANA IRRIGATION ASSOCIATION

LIA Continues to Adapt to Changing Environment

Submitted by: Stacia L. Davis, State Irrigation Specialist, LSU Ag Center

In 2019, the Louisiana Irrigation Association made some of the most drastic changes to its organization since its conception over 12 years ago, which was initiated by the retirement of Dr. Severn Doughty, Sr. last fall. The plans for change continue to evolve as 2020 reaffirms our need for adaptation and flexibility beyond what we currently offer as a professional society.

One of the most recent updates was the hiring of Mr. Chuck Davis as the new Executive Director of LIA, effective August 1st. Mr. Davis is a recently retired electrical engineer who has spent many years attending professional development seminars to maintain his engineering license. He understands that technology is needed to modernize the organization while also very aware of limitations associated with that same technology. I have high hopes that Mr. Davis will do great with his new position and we congratulate him on joining us.

Though the Louisiana Department of Agriculture and Forestry does not allow online recertification opportunities at this time, there is still a demand for study materials and education opportunities related to obtaining irrigation licensure that can be provided remotely. Developing these resources for our members and future members is the current focus of our efforts. Also, updating the website to be more useful across platforms and usable by a variety of users has been prioritized.

This fall, LIA plans to swear in a new group of board members that will drive the society to meet our goals and create new ones for the future. Are you interested in becoming a board member? Do you want to be a part of the modernization of LIA? Please send us an email indicating your interest at geauxLIA@gmail.com. We look forward to hearing from you!

BATON ROUGE LANDSCAPE ASSOCIATION

The Baton Rouge Landscape Association's fall meeting is scheduled for Friday, November 20th, 7pm, at the LSU AgCenter's Botanic Gardens at Burden. We will be set up outdoors, at the Pavilion, and invite you to join us for a much needed, fun social gathering! This get-together will be FREE of charge, and will account for both our fall and Christmas meetings. We will also be electing new Officers and Directors for 2021. Please RSVP to reserve your spot; space will be limited based on social distancing guidelines. Hope to see you there!

For more information on BRLA and upcoming meetings and events, please email Elena Fennell (ecfennell@cox.net). Your support is greatly appreciated!

"The purpose of BRLA is to assist in the enhancement of the green industry, through best horticultural practices and business management techniques."

SOUTHEAST LOUISIANA NURSERY ASSOCIATION

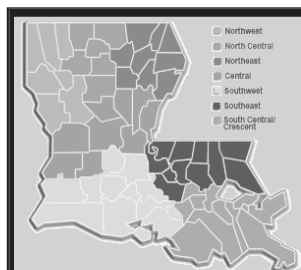
Due to the current conditions involving COVID-19, SELNA has not held an in-person membership meeting since the fall meeting in 2019. In lieu of in-person meetings, association committees have been corresponding via telephone and email.

As of this moment the 2020 Folsom Fall Garden Festival is scheduled for Saturday, October 24, 2020. SELNA, along with Midway Church, have once again joined forces to plan and organize the 8th anniversary for this local garden festival event. Midway Church will be selling plate lunches and refreshments during the event while vendors sell plants and other landscape related material. The Folsom Fall Garden Festival is a great community event that facilitates conversation between nursery crop producers and retail customers.

In lieu of the Annual SELNA Trade Show, SELNA will be promoting several nursery open house events during the month of November. The open house events will be advertised via email blasts and individual member social media accounts.

Visit SELNA.org for association updates, membership information, and horticulture related news. You can also download a copy of the SELNA Plant Locator while you're there. For more information or to request a Nursery Locator Map, contact SELNA at 985.875.2635 or wafton@agcenter.lsu.edu.

Stay Healthy!



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

BRLA: Elena Fennell, Secretary, (e) ecfennell@cox.net, (p) 225-921-4095

CLNA: Myra Poole Maloney, President, 75 Nick Strange Road, LeCompte, LA 71346, (p) 318-321-6046,

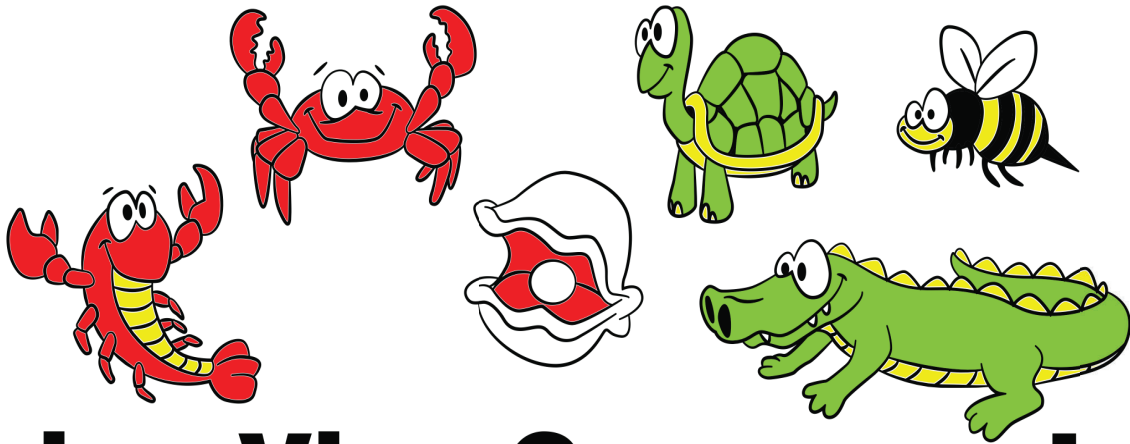
(e) myramaloney41@gmail.com

LIA: Severn C. Doughty, Sr., Executive Secretary/Treasurer, (e) scd357@gmail.com

NOHS: Shaun Hebert (e) nohs1885@gmail.com

SELNA: William Afton, LSU AgCenter County Agent, St. Tammany Parish, Secretary, SE LA Nursery Association, 1301 N. Florida St., Covington, LA 70433 (p) 985.875.2635, (f)985.875.2639, www.selna.org

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LNLA BOARD OF DIRECTORS MEETING

Wednesday, July 15, 2020 – 10:00 am

Via Zoom Virtual Meeting Minutes

The Louisiana Nursery & Landscape Association Board met on Wednesday, July 15, 2020, via video conference call. Total attendance was 17 people.

Board Members Attending: Ricky Becnel, Kurt Ducote, Lisa Loup, Brian Bridges, Tony Carter, Michael Roe, Brandon Adams, Jeff Reid, Matt Fennell, Angelo Quaglino, Candria Ray, and Craig Roussel.

Absent: Juan Garcia

Quorum is 7 voting members; 10 present; quorum established.

Guests/Staff: Cari Jane Murray, Brian Breaux, Tina Peltier, Ansel Rankins, and Jeb Fields

President, Ricky Becnel started the meeting and welcomed everyone. Roll was called. CJ said a quick prayer. All stood to say the pledge of allegiance to the American flag. Ricky thanked everyone for adapting to this new way of having these meetings in light of the Covid-19 pandemic. Ricky also introduced Jeff Reid to the board in place of Rayne Gibson. Ricky called for everyone to look over the minutes from the last meeting on April 8th held also as a conference call. A motion to accept minutes was made by Lisa Loup and second by Jeff Reid. All were in favor.

LDAF Update - Dr. Ansel Rankins and Tina Peltier reported the Landscape Architecture state licensing exam is now computer based. All other licensing exams have been computer based for a while now. 400+ exams have been given since transition in August 2019.. There are approximately 1800 licensed Landscape Horticulturists in the state, 360 Landscape Architects and 640 Nursery Stock Dealers. July 30 will be the next Horticulture Commission Meeting with 7 cases to hear.

Dr. Rankins reported that USDA-APHIS confirmed the detection of *Ralstonia Solanacearum* race 3 biovar 2 in a single variety of geranium plants located in a Michigan greenhouse. This particular type *Ralstonia* can cause wilt disease in several important agricultural crops such as potatoes, tomatoes, peppers, and eggplants. This was the first confirmed case of R3b2 in a U.S. greenhouse since 2004 and it is a select agent pathogen. LDAF and USDA collaborated to inspect, isolate and destroy all 'Pink Flare' geranium plants and comingled and exposed host and non-host plants. LDAF inspected 19 nurseries, destroyed 382 total plants, with no confirmed positive plants. Tomato Brown Rugose Virus was confirmed in several commercial greenhouses last winter. The virus infects tomatoes, eggplants, and other solanaceous hosts, and is transmitted in seed and contaminated equipment. LDAF is working with USDA to conduct a statewide survey of commercial greenhouses that produce tomatoes. LDAF will once again conduct their annual Sudden Oak Death Survey at 30 nursery grower and retail locations throughout the state. The water baiting portion of this survey will begin in November when

Dr. Rankins also informed us that the bill that was put forth this session to reciprocate the Landscape Architect license from other states in Louisiana was tabled.

LFBF Update - Brian Breaux informed the board about several hot topic items going on during this pandemic. Coronavirus food eligibility program; 3 categories of assistance for growers ... see more info at farmers.gov. PPP reopened till August 8th.

Labor Committee - Committee chair, Craig Roussel, brought up a discussion about the possibility of LNLA hiring a lobbyist. LNLA leans hard on Farm Bureau and LDAF when it comes to political issues involving our industry. Angelo Quaglino suggested dividing the membership list by region and legislative issues and ask members to contact political leaders when issues come up. Lisa Loup motioned to make a combined Labor & Legislative committee with co-chairs to address labor and legislative needs. Kurt Ducote second the motion. All were in favor. LNLA has been very successful in taking charge with legislative needs for our members over the years.

Financial Report - Treasurer, Brian Bridges gave the financial report. Cash on hand in bank \$98,830 and \$88K in savings as well as \$25,220 in money market. Total assets are \$213K. Financially we are still doing good. Manual sales are up 6% however we are down \$16K from where we were overall this time last year. Ricky asked for motion to accept the financial report. Kurt Ducote accepted and second by Lisa Loup. All in favor.

Funding Committee - Michael Roe informed the board that there were no funding requests at this time.

Marketing Committee - Tony Carter reported that the raffle items for the 2021 GSHE have been purchased. 2 very nice hunting shotguns. They will be at BWI in Forest Hill soon and tickets (\$20 each ticket or 6 for \$100) can be purchased

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there or Inla.org. We are hoping all board members will reach out to their vendors to seek sponsorship for the raffle. We will revamp the letter for sponsorship and send out to all board members. We will need to come up with a backup plan for the raffle drawing if GSHE 2021 doesn't happen due to Covid-19 restrictions.

Membership Committee - Committee chair, Kurt Ducote, reported how he would like to really promote LNLA benefits package with renewal this year; highlight what we've done over the last year, we have major connections with the Commissioner and Lt. Governor. When should we send the renewals out? Do we send out the invoice to prospective members or tear-off form like last year. Lisa Loup asked why are we down 50 members from last year? How can we retain them?

The board discussed making YouTube videos, an idea from Michele Andre, and we would like to pursue that to get our point across. People want to see people, not read a bunch. We want to keep membership. Be a part of us - it's long overdue. Kurt will start a bullet point email of things accomplished to send out and use as a tool to attract new members. Membership committee will also be calling those overdue members to find out why they have not renewed yet. We could also send out a survey to potentially find out more information about members and their needs.

IT Committee Update - Brandon Adams, committee chair, reminded CJ about adding a like us on Facebook tab on our website and also to CJ's signature on all emails going out for the association. Advertising on Facebook; Tony, CJ and Brandon will do a trial run to see how it goes for minimal money. Goal is to get more traffic to our website and Facebook page. Angelo reminded that we asked the Commissioner to do some promotional videos and audio for us and he agreed; we need to take him up on that. LNLA has a YouTube channel now; we need to use it more. WWL radio spots are \$75. Find out if sponsorship spots are available on Dr. Heather Kirk-Ballard's Get It Growing segment. The committee would like to see the member benefits on the front page of the website. The board is also requesting a breakdown of membership for each category at each meeting from now on.

Awards Committee - No report for now.

Nominating Committee - Lisa Loup, committee chair, reported that more details will be give at the next meeting. She also let everyone know that we are in need of North Louisiana representation on the board.

TNLA and GSHE Report - TNLA in San Antonio is cancelled for this year due to Covid-19 restrictions. BWI show is going virtual. GSHE is moving forward as planned. Hotel rooms are available now for booking. The Date of GSHE is January 20-22, 2021. LNLA will be planning for a worst case scenario if the show does not happen due to Covid-19 restrictions.

CNLP Update and Plant Conference - Cari Jane reported that the June/July CNLP class that was scheduled to be at the Ira Nelson Hort Center in Lafayette had to go virtual. We viewed the prerecorded videos of Dan Gill teaching the class and did not offer the certification testing this time. Surprisingly the class went well and all 26 participants were satisfied. We may offer the video class again in the Fall if warranted. The next in-person CNLP review and exam will be February 2021 in Hammond tentatively.

LNLA will also be canceling the Louisiana Plant Materials Conference this year due to the given circumstances we are facing.

LSU AgCenter Hammond Station Update – Dr. Jeb Fields let the board know that the Hammond Research Station is currently closed to the public. The gardens are at full capacity and kudos to the staff at the station, Jason and Ashley for all their hard work and keeping it up. LSU AgCenter is getting more and more engaged in social media and putting more effort in getting good content out there. Jeb is working on a new podcast to get info out, lunch and learn videos as well will be beneficial to our industry.

New Business – CJ is hiring some part-time help and wanted to make sure the board would be ok with that person using the current LNLA computer. Lisa Loup motioned to give our executive secretary the ability to hire clerical help at an hourly rate of \$15/hour not to exceed \$500 a month. Tony Carter second and all were in favor. Lisa Loup also made a motion to give our executive secretary a one time payment of \$1500 for an updated computer. Matt Fennell second the motion and all were in favor.

The next LNLA board meeting will be October 7th. We are hoping for the meeting to be at the Hammond Research Station but will have a zoom call for backup if needed. With no other business at 2:15 Ricky called for a motion to adjourn the meeting. Lisa Loup motioned and Tony Carter second.

LNLA Offers VIRTUAL Review of “The Louisiana Manual For the Environmental Horticulture Industry”

LNLA’s Certified Nursery & Landscape Professional **MANUAL REVIEW (CNLP) – 2020 & 2021**

The Louisiana Nursery and Landscape Association has scheduled the certified nursery and landscape professional manual review for the remainder of 2020 and the start of 2021. The schedule is as follows:

October 27 - 28, 2020 VIRTUAL - Zoom Classroom Style

February 9 - 10, 2021 VIRTUAL - Zoom Classroom Style

*** More 2021 classes to come

Each 2 day **Manual Review registration fee is \$75**. Manual review will be from 8:00 a.m. - 1:30 p.m. both days.

Primarily, persons in the retail garden center and landscape contracting/maintenance areas of the ‘Green Industry’ participate; however the course is also recommended for wholesale growers, irrigation contractors and Master Gardeners.

The CNLP was established to provide a professional educational opportunity for ‘Green Industry’ professionals. The manual review is also excellent preparation for the Louisiana Department of Agriculture and Forestry’s landscape horticulturist license exam. An LDAF license or permit is required to be in various landscape & nursery related businesses in Louisiana; the CNLP is not required. **This certification is not a license.** Call LDAF Horticulture Commission at 225-952-8102 or your nearest LDAF regional office to schedule the license exam.

Dr. Jeb Fields, LSU AgCenter’s Commercial Horticulturist, is the primary instructor for the manual review/training session. However these virtual sessions will be videos of Dan Gill teaching the information. It is recommended that participants acquire and read the manual, The Louisiana Manual for the Environmental Horticultural Industry, before attending the CNLP manual review. Participants can then ask questions on the content of the manual during the review. A highlighter and pen, as well as the manual, are highly recommended for the review with each participant.

Please contact me, by phone (985)237-2939, or email carijanelnla@gmail.com, if you have any questions in regard to this year’s certified nursery and landscape professional programs. Please go to lnla.org to register or fill out the form below and mail in with \$75 (per participant) registration fee.

Thank you! Cari Jane Murray, LNLA Executive Secretary, (C) 985-237-2939, (E) carijanelnla@gmail.com

Register for the Manual Review October 2020 or February 2021 (circle one):

Business Name _____

Address _____

City, State, Zip _____

Phone/Email (P) _____ (E) _____

\$65 per copy for “Louisiana Manual for the Environmental Horticulture Industry, the suggested manual for this course (not already included in registration fees above).

Make check or money order payable to and mail to:

Louisiana Nursery & Landscape Association (LNLA), PO Box 1447, Mandeville, LA 70470

REGISTRATION AND MANUAL PURCHASES MAY ALSO BE DONE ONLINE AT LNLA.ORG



2020 Membership Application

First Name: _____ Last Name: _____

Company Name: _____

Mailing Address: _____

City, State, Zip: _____

Phone1: _____ Phone2: _____ Tollfree: _____

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MEMBERSHIP CATEGORIES (select one) and Business Types (select all that apply – up to 5)

REGULAR MEMBER (Voting) - \$ Based on gross sales per year (below)
 A licensed or permitted business or person (**in Louisiana only**) engaged in one or more of the business types listed in box at right -- **Please select no more than 5.**
 Dues Annual Gross Sales →
 \$100.00 \$0 - \$249,999
 \$150.00 \$250,000 or more

ASSOCIATE MEMBER (Non-Voting) - \$150.00 – includes out-of-state businesses
 In Louisiana - Wholesale Allied Supplies (AS) A business/person selling any non-plant item such as chemicals, containers, equipment, fertilizer, garden décor or furniture, insurance, mulch, soil, stones, etc. Product(s) sold: _____
 Out-of-State -- State: _____ -- **Please select no more than 5.** →

AFFILIATE MEMBER (Non-Voting) – \$25.00
 An employee of any horticulture business with a paid regular membership -- **Please select no more than 5.** →

GOVERNMENT/EDUCATION MEMBER (Non-Voting) – \$25.00
 An employee of a government or non-profit entity, having a job responsibility in horticulture or closely related field
 College or University Education/Extension/Research (U)
 Educational/Regulatory Government Agency (GV)
 Public Gardens or Parks (PG)

RETIREE MEMBER (Non-Voting) (R) – \$25.00 - Any person formerly actively employed in horticulture or closely related field and having been a paid member of LNLA before retirement from that employment.

STUDENT MEMBER (Non-Voting) (S) – FREE - Full time student enrolled in a Louisiana university/college in horticulture or a closely related field. University/College name & location (city): _____

- The ***Business Type** designation is used in LNLA's membership directory and website. Check each that applies - up to 5.
- Arborist/Urban Forester (A)
 - Interior Plant Maintenance (IM)
 - Irrigation Contractor (IR)
 - Landscape Horticulture (LH)
 - Landscape Design/Architect (LA)
 - Landscape/Lawn Maintenance (LM)
 - Plant Broker (BR)
 - Retail Nursery / Garden Center (GC)
 - Small Greenhouse/Field Grower (SG) -grow/sell direct to consumers
 - Sod/Turf Producer (T)
 - Wholesale Allied Supplies (AS)
 - Wholesale Greenhouse Grower (WG) -bedding/ tropical plants
 - Wholesale Field Grower (WF) -balled/container woody plants, perennials

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OPTIONAL: Members wishing to support the **Louisiana Nursery & Landscape Foundation for Scholarship & Research (LNLFSR)** fund for scholarships to deserving university/college horticulture/landscape students and grants for horticulture/landscape research/education should indicate amount and add the \$\$ to their dues check. This donation is tax deductible. **Donation Amount \$** _____

Make check payable to: **Louisiana Nursery & Landscape Association**
Mail check and **entire** form to: **LNLA, PO Box 1447, Mandeville, LA 70470**

SEND DUES & APPLICATION BY MARCH 1 TO BE IN ANNUAL MEMBER DIRECTORY TOTAL Amount: \$ _____

The LSU AgCenter Hammond Research Station

LSUAgCenter.com/hammond

Home of the Louisiana's Ornamental Plant Trials and Louisiana Super Plants

The Hammond Research Station is the LSU AgCenter's official destination for Ornamental Horticulture research and extension in support of the Nursery and Landscape Industry. Our mission is to strengthen the green industry through improving nursery production, promoting sustainable landscape practices, and evaluating emerging specialty crops.



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Business card Color	3-1/2" X 2"	\$110	\$420	\$270

Ad Specifications: Ads should be saved in a jpeg or tiff format, with fonts converted to curves.
Deadline: Ads are due the first of the month each quarter (March, June, September, December).
For Questions and Ad Submissions Contact: Cari Jane Murray, LNLA Executive Secretary, (E) carijanelnla@gmail.com (P) 985-237-2939.



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