



LOUISIANA  
**Nursery & Landscape**  
NEWS

LNLA Quarterly Newsletter | Volume 74 | April/ May / June 2021



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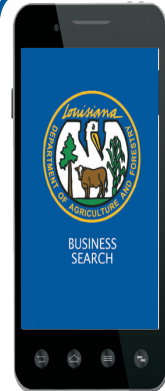
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The app allows users to verify a horticulture license or permit of a business and file a complaint. The mobile app is available for both Apple and Android users. Download it at the iTunes and Google Play stores.

## Questions for LDAF? Call 225-952-8100

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# A WORD FROM OUR PRESIDENT



Greetings LNLA members,  
We are stuck in the dog days of summer again, and a seemingly never-ending rainy season. Good news is that our industry is still in full swing! The first half of 2021 has been as busy as ever, and the demand for nursery products and services is still going strong.

I am proud to announce that LNLA will have its' first ever general meeting during the Hammond Research Stations' field day. The goal is to have as many members as possible attend the meeting at a convenient day and time for the majority, since many will already be attending field day. My hope is for this to evolve into a successful and informative annual meeting. Our membership is at an all-time high of 586 and climbing to 600! The more members that can participate and be active in the organization the better. LNLA is proud to be "One Voice" for the green industry, and we want our members to feel that their voices are heard.

Issues on the front burner for our organization are help with H2B, insurance needs, and working with the irrigation association to become a stronger overall organization. If you have any issues that you would like to bring to our attention, please feel free to call me. The support of an organization like LNLA has been immeasurable for me as a member, and I hope you feel the same level of support.

Sincerely,  
Kurt Ducote



IN STATE AND IN PERSON  
COME ONE, COME ALL

## LNLA GENERAL MEETING

**FRIDAY, JULY 23, 2021  
NOON**

LUNCH SPONSORED AND PROVIDED BY LNLA

AT THE LSU AgCenter  
HAMMOND RESEARCH STATION

### FIELD DAY

**Guest Speaker:  
Commissioner Mike Strain**

Followed by a LNLA Panel Discussion  
on State of the Industry



## 2021 Hammond Research Station Horticulture Field Day

Sponsored in part by the Louisiana Nursery and Landscape Association

### Tour the Trial Gardens with Hammond Research Station Faculty & Staff

Learn about Louisiana Super Plants and Plants with Potential  
Get trial results first hand. New landscape trends!

**When:** Friday, July 23rd, 2021 — 8:00AM until 2:00PM

Registration begins at 7:30 AM with coffee and snacks

Welcome & LSU AgCenter update at 8:00 AM

State of the Industry with Commissioner Mike Strain at Noon

Followed by an LNLA panel discussion

**Where:** LSU AgCenter Hammond Research Station



**Virtual Field Day** can be found at our website: <https://app.lsuagcenter.com/hammondtrials>

### Learn first hand from the LSU AgCenter Scientists and Extension faculty:

- Participate in on-going research: Your input is needed!
- Discuss cutting-edge research in soilless substrates with Dr. Jeb Fields
- Nursery and Landscape disease update from Dr. Raj Singh
- Updates on Louisiana tea production with Dr. Yan Chen



Landscape Architects can receive up to 5 CEUs for attending the entire program

Register for free at [tinyurl.com/2pf5sx8y](https://tinyurl.com/2pf5sx8y). All attendees will receive a free lunch. For more information, contact Dr. Jeb Fields ([jsfields@agcenter.lsu.edu](mailto:jsfields@agcenter.lsu.edu)) or the Hammond Research Station (985)543-4125.

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# LSU AgCenter Hammond Research

## Station Horticulture Field Day

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Field Day Activities 8:00 am—1:00 pm

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# IN MEMORIAM

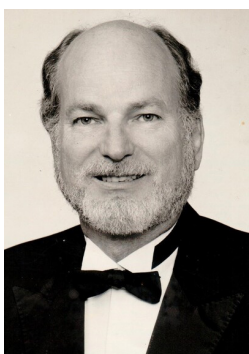
## Frank Joseph Panepinto (1950-2021)



Frank Joseph Panepinto died on March 17, 2021 at the age of 70. He was born on October 6, 1950 in Baton Rouge where he resided his entire life. Frank graduated from Sacred Heart of Jesus Elementary School in 1964; from Catholic High School in 1968 where he played tenor saxophone in the band; and from Louisiana State University in 1976. Frank enlisted in the Marine Corps in 1971 during the Vietnam War and was assigned to the Military Police. After his enlistment in the Marines, he was offered and accepted an officer's commission in the Coast Guard Reserve where he was assigned to Intelligence and Law Enforcement and retired in 1993. Frank was a Certified Questioned Document Examiner (CQDE), a Certified Fraud Examiner (CFE), a Certified Protection Professional (CPP), and a Paralegal. He worked in various aspects of criminal investigations his entire career. He was an insurance claims adjuster/investigator for Underwriters Adjusting Company/Liberty Mutual Insurance Company; a fraud and forgery investigator for Fidelity National Bank and for Louisiana National Bank; the Risk Manager for Barber Brothers Contracting Company; a Detective Sergeant with the East Baton Rouge Parish Sheriff's Office; and the Chief Fraud Investigator for the Louisiana Office of Financial Institutions. Frank married Yvonne Marie Serio in 1980. The proudest accomplishment

of his life was his four children - Elena, Francesca, Vincent, and Anthony. Frank is survived by Yvonne - his lovely bride, dearest friend, closest confidante, and guardian angel of 41 years; their four children, Elena Claire Fennell and spouse Ron Fennell; Francesca Ann Braud and spouse Ty Braud; Vincent James Panepinto and spouse Emily Didier Panepinto, and Anthony Ross Panepinto. He is also survived by his beloved grandchildren, Adriana Marie Fennell, Gianna Rose Fennell, Lena Elizabeth Braud, Cara Elizabeth Panepinto, Nicholas Adrian Panepinto, as well as his step-grandchildren Madison Braud, Mollee Braud, and Mason Braud, and by his younger brother and friend, Donald Ross Panepinto and his wife Tammy Blackwell Panepinto. Frank leaves behind his lovable and spoiled Doberman Pinscher, Bogart. He was preceded in death by his parents James "Jimmie" Panepinto and Pauline "Polly" (Maggio) Panepinto. Frank was extremely proud of his Sicilian ancestry as his grandparents immigrated to the United States from Alia, Sicily in 1898. Frank was a member of Our Lady of Mercy Catholic Church and a member of the Knights of Columbus Council #10613. He was an annual retreatant at Manresa (Group 5) and at St. Joseph's Abbey (Group 2). Two of his favorite places to visit were the Adoration Chapel at Our Lady of Mercy Catholic Church and the Bay Breeze Bed & Breakfast in Fairhope. AL.

## Marshall Emile Mugnier (1931-2021)



Marshall Emile Mugnier was born on December 12, 1931, to Emile Alphonse Mugnier, Jr. and Palmyra Mugnier (neè Quave) in New Orleans. Marshall grew up in St. Bernard Parish and later moved to Folsom, LA with his family. He attended Southeastern Louisiana University and Southwestern Louisiana Institute (now UL-Lafayette) before enlisting in the Air Force in 1951. He served as an Airborne Radio Operator in an Air Rescue Squadron and was later assigned to be a Pilot Communications Instructor. Marshall was stationed in Florida, Alaska and Europe. After being honorably discharged, Marshall resumed his education at the University of Southwestern Louisiana, studying horticulture. While still a student, in 1955 he opened Lafayette's first garden center, Lafayette Nursery Sales, on Johnson Street. Marshall married the late Sonja Anna Andreassen in 1957.

As the city of Lafayette grew, Lafayette Nursery Sales grew with it. A new, state-of-the-art facility was constructed on Ambassador Caffery Parkway in 1983. The nursery was renamed Marshall's Garden Center and included a florist and gift shop in addition to a plant nursery and a full-service landscape architecture division. Marshall was active in several national and regional professional organizations, serving as Vice-President of the Landscape

Contractors of America and two terms as President of the Louisiana Association of Nurserymen. Over the years, he won a number of professional awards including Nurseryman of the Year and the James Foret Award for outstanding service to the nursery industry. In addition, his garden center was honored on numerous occasions for excellence in commercial and residential landscaping. In the mid-1960s, Marshall renewed his love of flying by qualifying for a multi-engine pilot's license and purchasing a small plane. In addition to aviation, he enjoyed travel and exploring new destinations. He traveled extensively in Europe, particularly in France. After retiring Marshall enjoyed his garden and tending to his koi pond. Active in several civic and social organizations, Marshall served on the boards of the Episcopal School of Acadiana and the Lafayette Townhouse, and spent three terms on the Vestry of Ascension Episcopal Church. He was a member of the Krewe of the Troubadours, acting as Sir Kenneth, Knight of the Couchant Leopard in 1972 and a Royal Duke in 1985.

Marshall was married to Sandy Austin Mugnier for 35 years until her passing in 2018. He is preceded in death by his parents, Alphonse and Palmyra Mugnier and his sister, Charlotte Mugnier. Marshall is survived by four children, Andrea Mugnier, of Reno, NV, Paul Mugnier, of San Francisco, CA, Nicole Mugnier Brunson, of Conroe, TX and Jon Mugnier, of Lafayette; three stepchildren, Victoria Austin, Elizabeth Austin Eppler and Stephen Austin; eight grandchildren and four great-grandchildren. Marshall woke up every day giving thanks to God for the many blessings bestowed upon him and his family.

# IN MEMORIUM *(cont.)*

## Dorothy “Bootsie” Lefebvre Dupont (1927-2021)



Dorothy “Bootsie” Lefebvre Dupont passed peacefully from this life on Monday, April 26, surrounded by family and friends. Born to Emile Joseph Lefebvre and Mary Gladys Hebert Lefebvre in Plaquemine, La. on December 3, 1927. “Boo” as her family called her, was a loving wife, mother, grandmother, great grandmother, and friend. A trained nurse, she spent most of her adult life caring for others, raising her own family and nursing several family members during their final illnesses. From 1953 to 1991, she co-owned and operated Dupont Florist along with her loving husband of 69 years, Robert J. “Bobby” Dupont (†2017). Bootsie loved children, especially small children, and was devoted to her grandchildren and great grandchildren. An avid fan of Cheetos, crossword puzzles, and a good time, she especially enjoyed cooking for her friends and family. Preceded in death by a son, Malcolm Edward Dupont and a daughter-in-law, Cathy Berthelot Dupont; siblings, Donald A. Lefebvre, Daniel L. Lefebvre, E.J. Lefebvre, Jr., Newton Lefebvre, Malcolm Lefebvre, Mary Gladys Lefebvre Whaley, and Catherine Jean Lefebvre; and her loyal family friend and housekeeper of sixty-seven years, Liddie Dickerson. Survived by her four sons: Robert Dupont, Jr and wife Susan, Daniel L. Dupont and wife Jeanie, Richard C. Dupont, Michael J. Dupont and wife Sharon are all residents of Plaquemine. Her twelve grandchildren: Michael Paul Dupont (Lori), Robert Dupont, III (Cijii), Renee Dupont LeBlanc (Rhyan), Kelly Dupont Shearer, Jeffrey Dupont (Larie), Allison Dupont Wisdom (TJ), Michelle Dupont Alleman (Jonathon), Marcie Dupont, Jessie Dupont Deshotels (Tory), Rachelle Dupont St. Angelo (Aubrey), Daniel Dupont, Jr. (Lauren), and Jacquelyn Dupont; and twenty-two great-grandchildren enriched her life. Pallbearers are: Robert J. Dupont, III, Jeffrey Thomas Dupont, Daniel Leigh Dupont, Michael Paul Dupont, Rhyan Paul LeBlanc and Marcie Dupont. The family gratefully acknowledges the loving care provided by Betty Gaspard and Leanne Mizell, her dedicated caregivers. Their attention to Bootsie’s needs and comfort make them family.

## Doris Isabel Yates Magee (1923-2021)



Doris Isabel Yates Magee, affectionately known as “Granny Doris” passed away on April 12th, 2021 at the age of 97. She was born in Washington Parish on August 25, 1923. Not surprisingly, she outlived all of her five siblings as she was one tough lady. After graduating from Franklinton High School, seeking adventure with a sense of patriotism, she traveled by train from New Orleans to New York for her boot camp training for WAVES. (Women Accepted for Volunteer Emergency Service) Once there she was on active duty for over a year before WWII ended.

After the Navy she returned home and married her love Jack Magee in 1948. While raising their four children, she helped her husband start Evergreen Nursery on Hwy 25 in Folsom. During these years she was active in the PTA, Folsom Garden Club and the Folsom Camellia Show. Because of her and Jack’s love of plants, all of her children and some grandchildren are currently in the nursery business. Doris had a lifelong passion for gardening and entertaining. She was a lover of anything beautiful, be it a gorgeous flowerbed, which she had many, to a special floral arrangement or decor. Kat Kaw Cottage was her home that she lovingly filled with collections of roosters, chickens, vintage antiques and lots of family photos. Among her lovely table arrangements and manicured lawn, many memorable family dinners were shared there.

Doris was a devout Christian and her love for the Lord was ever present as she was able to witness and share the gospel of salvation with others. She was a lifelong member of First Baptist Church of Folsom. She taught the adult young women’s Sunday School class, helped with Vacation Bible School, and served on many church committees, including the building committee. Granny shared her love of life and faith with those around her. She will be greatly missed.

She is survived by her daughters; Anne Magee Jackson and Vicki Magee Moore (Louis), all of Franklinton. Her sons; J. Mitchell Magee (Beth) and Scott Gardner Magee (Lisa), all of Poplarville, MS. Her grandchildren; Katie Jackson Lee, Jacob Magee (Jennifer), Lauren Magee Noel (Lance), John Magee, Ashley Moore Nelson (Roy), Derek Moore (Dana), Jackie Magee Smith (George), Travis Magee (Whitney), Caleb Magee (Kaitlyn); Her great grandchildren: Evan, Abbey and Ian Magee, Hunter, Hudson and Jack Noel, Remy and Luka Nelson, Bailey, Blake and Allie Moore, Kate and Caroline Smith, Briggs and Lainey Magee and numerous nieces and nephews.

She was preceded in death by her parents Fred Whithurst Yates and Camille Gardner Yates; her husband, Jack Morgan Magee; her grandson, Brad Jackson. Also by her sisters; Margie Yates Jenkins, Lyda Yates Woods, and Dixie Yates Gallaspy; and her brothers, Frederick Yates and John Yates and other family members.

# Notes From The Secretary....

Hello Everyone,

Despite all the rain we have had over the past few months, I have heard great things from our nurseries and garden centers with their sales. Plants are still available but becoming harder to nail down, especially future fall orders. Hard supplies are also scarce with many on backorder or just not available. We all know the ups and downs of any business; one day the demand is great but the supply is limited then the next supply so great you can't give it away. The tides will turn and even out, it always does. Landscapers, however, face an ongoing seemingly silent struggle with labor shortages. Those that hit the jackpot and received H2B employees this year are rockin' and rollin' where those that were not so fortunate in the lottery are struggling to stay afloat. LNLA is not a lobbying group but we are calling on our political friendships when we need to, to help our landscapers in any way we can. For what it's worth, hang in there guys and gals! The tides will turn!

We are seeing increasing numbers of folks interested in landscaping and taking the landscape horticulture exam with the LDAF to get licensed. This is great for the profession! LNLA offered our CNLP manual review and certification exam in-person for the first time in over a year at the LSU AgCenter Hammond Research Station this summer! We had a crowd of over 30 join this manual review class facilitated by Dr. Jeb Fields, our state Commercial Horticulturist. The next in-person CNLP manual review and exam will be February 22-23, 2022.

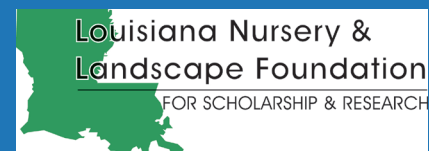
Foundation Gala XI at the Two Sister's Pavillion at City Park in New Orleans June 25th was AMAZING! The venue was beautiful, the jazz music by the Reggie Sanders Trio was grand, the food and drinks were excellent, the camaraderie, laughs and hugs were priceless! IT WAS SO GOOD TO SEE EVERYONE, is an understatement! The LNLFSR board did a great job gathering fun silent and live auctions that everyone enjoyed. Jessie Hoover wowed the crowd with her lively auctioneering! Thank you to our sponsors, donors and attendees; we couldn't do it without all of you! It's exciting to see what the future will bring to our industry with the research we will be able to fund and even better, the scholarships to our young professionals we will be able to provide. Education is key and essential, it should be encouraged and rewarded!

And now onto hurricane season ... remember, we are better and stronger together. We have been through so much and have overcome. We are ready for anything that comes our way!

Stay safe and God bless!

Cari Jane Murray

## 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.

LNLFSR 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, LNLFSR Executive Secretary for more information.



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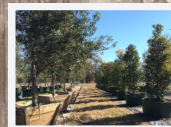
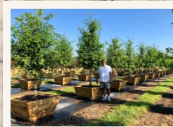
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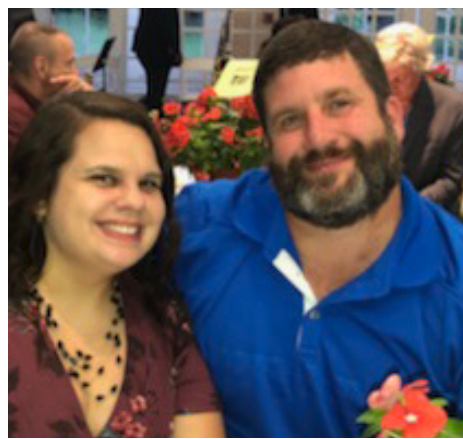
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# Gala XI

Friday June 25th, 2021





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- Sunflower Suncredible® Yellow – (Bedding Plant)
- Muhly Grass, *Muhlenbergia capillaris* (Native Grass)
- Supertunia Mini Vista 'Indigo' (Bedding Plant)

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- Angelonia 'Serenita Raspberry'
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- Cleome 'Senorita Rosalita'
- Coleus 'Henna'
- Coleus – Flamethrower series
- Gaillardia – Mesa series
- Hibiscus – Luna series
- Lantana – Bandana series
- Lemon Sedum
- Pennisetum 'Fireworks'
- Pentas – Butterfly series
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- Southern Sugar Maple (*Acer saccharum*)
- Willow Oak (*Quercus phellos*)

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# LNLA Scholarship Winners From the Past WHERE ARE THEY NOW?



**MARK WILSON**

Mr. Wilson received a LNLA scholarship award in 2011 as an undergraduate student at Louisiana State University. The financial assistance provided to Mr. Wilson allowed him to focus on his schooling resulting in the completion of a bachelor’s degree from LSU in environmental horticulture in 2012. He continued to work as a landscaper until he started a job as a regional irrigation salesman and designer with a local irrigation company based in south Louisiana. He was then presented with the opportunity in 2015 to return to LSU to work on a Masters of Science horticulture degree, which he received in 2017. Shortly after completing his master’s degree Mr. Wilson was offered and accepted his current position with the LSU AgCenter as an assistant extension agent - horticulture specialist for LSU AgCenter’s NW Region.

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**ASHLEY EDWARDS**

Ashley received a LNLA scholarship award in 2013 as an undergraduate student studying biology with a concentration in plant science at Southeastern Louisiana University. During her years as a student at Southeastern, Ashley worked as a student worker at the LSU AgCenter’s Hammond Research Station in the gardens and in the lab. Ashley said, “When I applied for the job at the research station my first semester, I really did not know what to expect as far as what all the job would entail. I was drawn to the position from the start though, knowing that I would be able to work outside in the elements and that I would learn a lot in this new environment. I quickly developed a deeper appreciation for horticulture, the plant trials, and I particularly enjoyed the research aspect of the job.” After graduating in 2014, Ashley took a teaching position as a

middle school science teacher at a private school for a couple of years before taking a Research Associate position at the LSU AgCenter Hammond Research Station. She is now more heavily involved in the plant trials from production to planting, to data collection and record keeping, as well as assisting Dr. Jeb Fields with setting up and carrying out experiments primarily focused on nursery production and landscape irrigation and the development of more sustainable ornamental horticulture systems. In her free time, Ashley enjoys spending time with friends and family, traveling, and exploring the great outdoors.

# Bravata Named State Plant Health Director



After a 20-year career in the landscaping industry (mostly in the New Orleans area), I started my Federal career as a Plant Protection and Quarantine (PPQ) Officer in the Port of New Orleans in September 2001. In March of 2003, I was transferred to Customs and Border Protection as an Agriculture Specialist. I came back to PPQ in July of 2006 and was selected as Officer in Charge for the Kenner work unit in March of 2008. I have served in temporary positions thru the years: Assistant National Policy Manager for our Citrus Health Program and New York Asian Long Horn Beetle Program Manager. I've been a member of Delta Incident Management Team since 2007 as an Operations Section Chief and in my last role as a Deputy Incident Commander. I have been deployed on many emergencies throughout the US. I have worked with Louisiana Department of Agriculture and Forestry, and LSU Ag Center protecting our natural resources and look forward to working with our statewide stakeholders as State Plant Health Director.

I grew up in Tickfaw Louisiana on a small farm and graduated from St. Paul's in Covington. I have an AS in Landscape Technology from Lake City Community College in Lake City Florida. My wife Ginger and I have been married for 32 years and have 2 daughters and 2 grandsons.

My office is in Baton Rouge and can be contacted at 225-298-5425 or [Joseph.J.Bravata@usda.gov](mailto:Joseph.J.Bravata@usda.gov).



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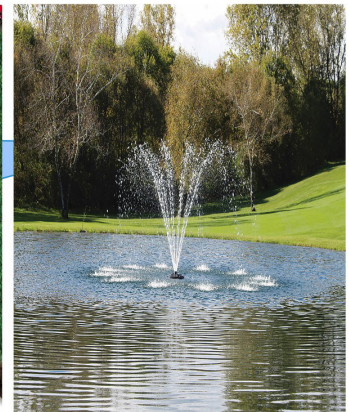


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# PLANTS, PLANTS, and MORE PLANTS

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(p) 225-603-8096 or (e) AOWings64@gmail.com



## White Flame Salvia

'White Flame' Salvia from Ball FloraPlant was a new hit variety for 2021. We grew in our Bracy's Nursery Beneficial Blooms pollinator plant program. From the trials at the University of Georgia to Young Plant Farm in Auburn to Texas A&M in

Overton, this new Salvia longispicata x farinacea variety has received high garden performance ratings. Texas A&M University horticulturist Brent Pemberton - "the best white salvia we have trialed". From the LSU AgCenter Hammond Research Station -- 'White Flame' Salvia is perfect for our in-ground summer landscape! It's covered in white blooms that attract bees, hummingbirds & butterflies all summer long. Excellent heat performance! I am looking forward to more white colors in salvia beds in the coming years!

## Slobber Knocker Cold Makes Plant Availability Even Tighter

The pandemic gardening craze combined with a general increase in landscaping / stay at home projects / property improvement efforts has created high demand for landscape trees and shrubs over the past 15 months. We all experienced this and know this. What I refer to as the "polar express frozen tundra winter slobber knocker cold event" in mid-February has created critical shortages issues with landscape plant availability. I am sure many of you have been to Shreveport, SW Louisiana, Texas, Oklahoma, Arkansas, western Tennessee and north Mississippi in the last 4-6 weeks and seen the major damage across the multi-state region. Residential and commercial landscape plantings have extensive damage - Indian hawthorns, loropetalums, pittosporum, oleander, waxleaf ligustrums, palms, cycads, bottlebrush, distylium, terminal growth of crape myrtles, Japanese evergreen blueberries sweet olive, sweet viburnum and much (I have a list of 30-40 plants). Just think over the last 25 years since the start of loropetalums being extensively planted in the landscape until today how many loropetalums must be in landscapes across this area. These are also many damaged trees - both in nurseries and in the landscape. It will take several years of nursery production and landscape rehabilitation to restore all of these plants. It has been many years since the two major freeze events in the 1980s did similar damage. We will all need patience and advanced planning to be able to complete for landscape plants over the next couple years.



## Daylily Rust

Daylilies enjoyed a nice May and early June in Louisiana. Beginning the first full week in June, daylily rust started - no doubt due to the excessive rainfall we have seen statewide. Daylily rust is caused by the fungus Puccinia hemerocallidis. Rust appears as orange-yellow powdery spots on leaves and scapes. Leaves may die back but the plant as a whole should

survive. Some cultivars more susceptible than others with evergreen varieties being more susceptible than semi-evergreen and deciduous varieties. It is important to provide good air circulation and planting distances and minimize overhead watering in daylily production and in plantings. Also, avoid excessive nitrogen. Be sure your plants have enough potassium. Daylily rust does not persist through the winter in colder climates but can survive winter conditions in Louisiana and the coastal south. Fungicide active ingredients with activity on daylily rust include azoxystrobin, propiconazole, myclobutanil, chlorothalonil, thiophanate-methyl, triadimefon and triflumizole.

## Keys to Landscape Success with Gardenias

Soil pH is an important consideration for all gardenias. The recommended soil pH is 5.0-5.5. This is considered moderately to strongly acid. Nutrient availability and root growth problems occur when soil pH climbs above 6.0 and can become a major issue when higher than 6.5. Lower soil pH with elemental sulfur or aluminum sulfate.

Proper preparation of raised beds with good drainage is needed when planting gardenias. Root rot fungus will occur if irrigation is not properly managed, rainfall is excessive or adequate bed preparation (soil drainage improvement) is not provided.

Proper planting is critical. Monitor planting depth when adding gardenias to the landscape. Be careful about piling mulch around the base of the stems. The root ball should be a little higher than the soil line. Always allow for soil settling. Make sure the soil moisture in the planting bed matches the soil moisture content in the container. Managing irrigation is also important. "Not too wet; not too dry" - that's what is needed. Maintain soil moisture uniformity. A slightly stressed gardenia will decline rapidly when overwatered. Watering once or twice a week during late spring through mid-fall should be sufficient when rainfall is lacking.

Fertilization is required for good gardenia growth. Iron is a requirement because these are acid soil loving plants. Gardenias need a moderate amount of nitrogen fertilizer. Apply a slow-release fertilizer shortly after spring bloom. Foliar or soil applications of fertilizer with iron can help prevent yellowing of leaves - known as interveinal chlorosis - and other nutrient deficiencies caused by high soil pH, especially with dwarf gardenias. Epsom salt (magnesium sulfate) may help gardenias in some situations but have a reason to apply (e.g. magnesium deficiency).

Insects can be problematic on gardenias. This is mainly white flies and aphids. It is very important to monitor for insects in the spring and summer months. If populations build into summer, the resultant sooty mold will begin appearing on foliage.

Diseases can affect gardenias. Mainly Phytophthora root and stem rot fungus is the main issue. Proper planting, bed preparation and irrigation management will lessen the occurrence. BREC's Independence Park Botanical Garden in Baton Rouge, November 2020.

*Looking forward to seeing everyone as trade shows, field days, educational programs and more are returning. I recently attended plant trial open houses at Young Plant Farm in Auburn, AL and at the University of Georgia in Athens. Check out my personal Facebook page [www.facebook.com/allen.owings](http://www.facebook.com/allen.owings) for pictures and plant notes.*



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## Tree Protection During Construction

### Amazing Garden Plants in Louisiana

We live in a blessed region. There are many things around us that are remarkable and support our quality of life. One example are historic live oak trees which were largely responsible for the settling of English speaking America in the early 18th century. These trees are the ancient live oaks (*Quercus virginiana*) and the English came to cut them to build powerful English Frigates called “men of war.”

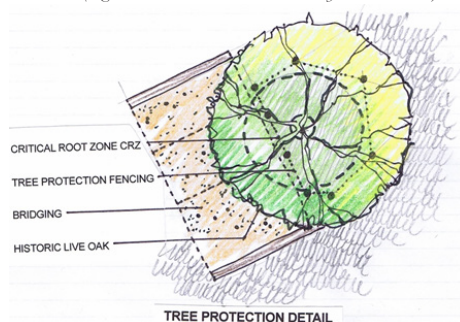
### Tree Protection Ordinances

In recent years, communities have adopted landscape codes and or tree protection ordinances in an attempt to preserve trees from construction damage.

Mandeville and Metairie are the only city codes that prevent tree removal. In Metairie, (Jeff Parish Code Chapt 40, Art X.5. Sec 40-180) oaks, elms, cypress, pecan, and Japanese magnolia over 8” DBH are protected. In Mandeville (CLURO, App A, Div II, Art 9., Sec 9.2 all live oaks over 6” DBH are protected. Five hundred dollar fines are assessed for any tree removed without a permit and a building permits and an occupancy permits can be withheld. Mandeville does require vegetation protection zones (VPZ) around all trees during construction. The vegetation protection zone a critical root zone (CRZ) area extending 15 feet in each direction from the trunk of the tree, or 66% of the area within the ‘drip line’ of the tree, whichever is greater. For live oaks the VPZ shall be 82% of the area within the drip line.

Tree protection fencing consist of a protective barrier at least 24” tall made of lumber or orange safety mesh. No other arboricultural or site design tree protection standards are mentioned.

(Fig. 1.0 Tree Protection Detail, Abbey Associates, Inc)



### Tree Protection During Construction

However, neither of these communities provide detailed specifications to protect trees from construction related damage. Either the barriers are too flimsy or each city does not recognize collateral damage to trees that can be imparted by construction machinery, grading operations, trenching or building in ground footings, paving underground utilities. Storing of construction materials or spillage of chemical based products also can damage tree. It is important to not change the moisture environment of the root zone by levying, grading or changing the surface drainage pattern.

To protect trees during construction activity it is essential that tree protection specifications be prepared as part of the building construction package provided by the architect. A tree protection plan should be prepared by the landscape architect in consultation with a licensed arborist.

The tree protection plan sets forth measures and procedures that prevent damage to tree trunks, lateral stems, critical root zone areas and overhead canopy. The best approach is to completely fence off the area of the site where a tree(s) are planted and mark as a “no work zone”. This is not always possible however since trees on construction sites may be scattered. In this case treat each tree or clump of trees as a tree protection zone.

Each tree protection zone is defined must be handled carefully. Historic trees may require special arboricultural operations prior to construction operations. These may include utility chase boring, aeration, deep root fertilization, lighting protection, selective pruning to the canopy or root system and perhaps tree wells to maintain existing grade within the CRZ. With some trees crown reduction or root pruning will take place at least a year in advance of construction.

Before any construction begins, it is important for tree protection features to be installed according to the plans and details provided for the builder. A



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pre-construction inspection on site must take place between the builder and landscape architect to ensure all protection measures are in place and properly built.

### **Tree Protection Features**

The drip line of all trees should be surrounded with sturdy wood posts (4x4x10') or metal posts (2 3/8" x 10') and covered with 2 x 6 wood screens 12 inches on center or class 2, six gauge, zinc-coated steel fabric. In extra tight work areas trunks of trees should be blanketed with 2 x 4 wood vertical cladding wired together to surround the trunk of the tree. Under the wood cladding Global Industrial green heavy duty 10 mil poly tarp should be wrapped to protect the bark. The ground below the crown must be heavily mulched with 4-6" of organic matter and general fertilizer. Carefully monitor rainfall during the duration of the construction. Sprinkle the CRZ during drought periods if necessary.

Tree Protection signage must be attached to all tree fencing to warn contractors and builders that

the area is a "no work zone" and all trees are to be protected during ground operations. The signage must communicate to contractors and others the reason, restrictions and possible fines that may be leveraged for damage to trees.

Bridging over the critical root zone is needed if vehicular infringement within the drip line may happen. This is accomplished by layering plywood, gravel, and sand wherever tracked vehicles may come in contact with roots. Selective pruning may be done by licensed arborists and deep root fertilization will be helpful in stimulating new root extension.

Barriers shall remain in place until the issue of the occupancy permit. At that time all tree protection materials including lumber, fencing, signage, gravel and excess sand shall be removed from the site and recycled.

*To contact the author, get in touch by email at [lsugreenlaws@aol.com](mailto:lsugreenlaws@aol.com).*

*Abbey Associates Landscape Architects at 504.654.9952*

## **Rapides Parish Designated Natural Disaster Area**

BATON ROUGE, La. (LDAF) - Louisiana Agriculture and Forestry Commissioner Mike Strain, D.V.M., said the U.S. Department of Agriculture (USDA) designated Rapides Parish as a primary natural disaster area.

Producers who suffered losses caused by the winter storm and ice that occurred from Feb. 15-21, 2021, may be eligible for USDA Farm Service Agency (FSA) emergency loans.

Producers in the contiguous Louisiana parishes of Allen, Avoyelles, Evangeline, Grant, LaSalle, Natchitoches and Vernon are also eligible to apply for emergency loans.

"Many producers in this area were hit by multiple hurricanes last year only to have further losses from the winter storm in February," Strain said. "Emergency assistance is essential to help producers recover and stay in business."

Strain said producers may contact their local FSA office for further information on eligibility requirements and application procedures. Additional information is also available online at [farmers.gov/recover](http://farmers.gov/recover).

## **CONGRATULATIONS TO DR. DAVID CREECH!**

Dr. David Creech, director of SFA Gardens, Nacogdoches, TX, was presented the 2021 Louisiana State Horticulture Society Life Member award at the group's annual conference in June in Lake Charles. Dr. Creech has been a major contributor and supporter of educational events in Louisiana for many years and has worked with many Louisiana horticulturists on plant projects through the years.



*Dr. David Creech, (right) being presented the award by LSHS secretary Allen Owings (left).*



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## Southern Blight of Industrial Hemp *Sclerotium rolfsii*

Southern blight has been confirmed from both greenhouse- and field-grown industrial hemp in Louisiana. The disease is caused by a soil-borne fungus called *Sclerotium rolfsii* (sexual stage: *Athelia rolfsii*). The pathogen has a wide host range and is known to cause disease on various economical important vegetable and bedding ornamental plants. Initial symptoms on industrial hemp plants appear as wilting and yellowing of leaves (Fig 1). Lower stem becomes necrotic (Fig. 2) and the whole plant eventually turns brown and dies (Fig. 3). As the disease progresses, white fungal growth (mycelium) and small, mustard seed-like, tan colored sclerotia (a compact mass of fungal hyphal threads, resting body of fungus) appear at the base of infected plants (Fig. 4). Sclerotia turn reddish to dark brown as they age (Fig. 5). The mycelium and sclerotia extend both into the root zone (Fig. 6) and on the soil surface around the plant (Fig. 7).



Figure 1. An industrial hemp plant exhibiting wilting caused by southern blight.



Figure 2. Lower stem of an industrial hemp plant exhibiting necrosis.



Figure 3. A dead industrial hemp plant infected with southern blight.



Figure 4. White fungal growth (mycelium) and small, mustard seed-like, tan colored sclerotia present at the base of an infected plant.



Figure 5. Mature dark brown sclerotia (pointed by yellow arrows) present on the top soil near the infected plant



Figure 6. White fungal mycelia (pointed by black arrow) and sclerotia (red arrow) extended into the root zone



Figure 7. White fungal mycelium and sclerotia extended on top soil away from infected plant

The pathogen has the ability to infect industrial hemp plants at any stages of their growth. The fungus survives as mycelia or sclerotia on the plant as well as sclerotia in the soil where they can persist for a number of years. The disease is favored by hot and humid weather, which is common in Louisiana. The pathogen may spread by a number of means including, planting of diseased transplants, movement of infested soil, equipment, tools and plant debris. Running irrigation water may also aid in dispersal of sclerotia.

Management of southern blight warrants integrated disease management approach. Growers must plant disease free healthy transplants and avoid any physical injury to roots and lower stem while handling and transplanting the seedlings. Fields with previous history of southern blight must be avoided. Scout hemp fields on regular basis for symptom development. Rogue out symptomatic plants immediately. Do not leave infected plants in the row middles after removal or carry them across the field. Dig out infected plant with a shovel and remove entire plant with root ball and soil around it and place it in a trash bag to contain the infested soil and sclerotia and then remove it from the field. Movement of infested soils should be minimized to prevent pathogen spread. Cleaning farm equipment to remove dirt is recommended.

Personnel working in fields infested with southern blight are encouraged to clean their boots. Growers should work with disease free fields first followed by fields infested with southern blight. Keep weeds under check as some species may serve as alternate hosts of the pathogen. Destroy crop debris as soon as possible after harvesting. Deep ploughing to bury sclerotia is recommend to reduce pathogen inoculum. Currently, no fungicides are available for industrial hemp growers to manage southern blight.

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# WEED DOCTOR'S CORNER



By: *Dr. Ron Strahan, Assistant Professor in Weed Science, LSU AgCenter  
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## Summer Season Weeds are the Most Difficult Plants to Control in Lawn and Landscapes



### **Virginia buttonweed (*Diodia virginiana*) in the lawn**

Virginia buttonweed is widely considered the most invasive weed infesting turfgrass in the South. The plant is very prolific and has multiple ways to reproduce including heavy seed production that occurs both above and below the ground from self-pollinating flowers, rooting stem fragments, and tap roots that allow plants to survive through winter months. Mowers set at even the lowest blade height do not interfere with growth or seed production of this plant. Due to the potential for stem fragments to root, mowing may aid in the spread of buttonweed. Turning the mower deck discharge toward landscape beds could even start populations of buttonweed in flowerbeds.

A program approach works best to control buttonweed. According to research trials conducted by the LSU AgCenter, herbicides that contain the active ingredients 2,4-D, dicamba, mecoprop, and carfentrazone (Speed Zone Southern, Weed Free Zone) have been effective in suppressing emerging perennial plants and killing the first flush of buttonweed seedlings when applied in early Spring. Once temperatures exceed 85 F, 2,4-D containing herbicides cause too much injury to St. Augustinegrass and centipedegrass. In the hot summertime, metsulfuron (MSM, Mansion) or Celsius herbicides should be applied. Always repeat metsulfuron or Celsius applications 4 to 6 weeks after the initial application. Both Celsius and metsulfuron have performed well in research trials and these herbicides seem to be tolerated well by St. Augustinegrass even in very hot weather.

### **Virginia Buttonweed Control Program for Louisiana Lawns**

<b>Herbicide</b>	<b>Timing</b>	<b>Comments</b>
Speed Zone South, Weed Free Zone (2,4-D + dicamba +, mecoprop + carfentrazone)	Apply in early Spring as perennial plants break dormancy and seedling buttonweed emerges	Labeled for all southern turfgrass. Expect injury on St. Augustinegrass and centipedegrass as when temperatures exceed 85 F.
MSM Turf, Mansion (metsulfuron)	Summer – repeat application in 4 to 6 weeks	Some chlorosis or stunting possible with centipedegrass. Kills bahiagrass.
Celsius (iodosulfuron + thiencazone + dicamba)	Summer – repeat in 4 to 6 weeks	Safest herbicide to use in hot weather. Do not apply to bahiagrass or carpetgrass.



### **Torpedograss (*Panicum repens*) in the lawn and flower bed**

Torpedograss is a perennial rhizomatous grass that is considered one of the most invasive grasses in the world. The grass is characterized by creeping, pointed, torpedo-shaped rhizomes. Torpedograss has erect leaves that may be up to 10 inches long and 0.3 inches wide. The inner side of the leaf sheath is membranous with short hairs. Although the plant produces seeds, they are not viable. The weedy grass solely reproduces vegetatively by robust rhizomes.

The spread of torpedograss in Louisiana is mainly attributed to the movement of soils infested with weed from the Bonnet Carré Spillway. The spillway is located just west of New Orleans and is the main source of plant material for southeast Louisiana, especially within the New Orleans metro area. The weed will grow in a wide range of soil types and is very salt tolerant.

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 and home lawns. There are currently no effective control options in centipedegrass or St. Augustinegrass lawns. The herbicide quinclorac suppresses torpedograss infestations in bermudagrass and zoysiagrass lawns. If torpedograss infests centipedegrass or St. Augustinegrass, you will eventually have to apply an extremely high rate of glyphosate and re-sod.

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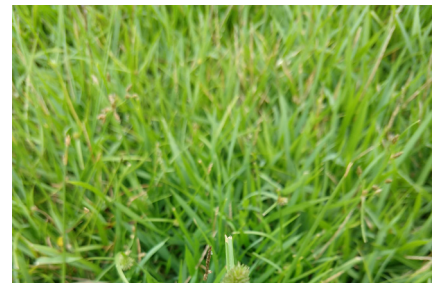


Hand removal is not an effective option for eliminating torpedograss in landscape beds. Selective grass-killing herbicides such as sethoxydim and fluazifop only temporarily suppress the weed's growth, although fluazifop is more effective than sethoxydim. In landscape beds, carefully wiping or brushing the torpedograss leaves and stems with a 10% volume/volume glyphosate solution can be effective with repeated use over several growing seasons.

Oz of Water	Fluid ounces of 41% glyphosate to add to water	Total Mix Amount
115 oz	13	128 oz (1 gallon)
29 oz	3	32 oz (1 quart)

### Sedge (Cyperus) Control in Landscape Beds

Sedges are extremely common weeds found throughout landscapes in Louisiana. The most common sedge species infesting landscape beds are purple nutsedge (*Cyperus rotundus*), yellow nutsedge (*Cyperus esculentus*), and kyllinga (*Kyllinga* spp.). Sedges can be found in nearly all soil types and growing environments but thrive on conditions found in flowerbeds. The plants upright growth habit and dark green (purple nutsedge) or pale green color (yellow nutsedge and kyllinga) make the weeds a prominent distraction in the aesthetics of high-quality landscape. Although grass-like in appearance and often referred to as 'nutgrass', sedges are not grasses at all. Grasses are members of the plant family, Poaceae. In contrast, sedges are members of a totally different plant family, Cyperaceae.



Sedges can be identified by their triangular stems while grass stems are flat or oval. Distinguishing between grasses and sedges is very important because successfully removing sedges in landscape beds requires selective sedge killing herbicides. Most other herbicides either have no activity or only slightly injure the weeds. Yellow nutsedge is often confused with purple nutsedge. As their names imply, yellow nutsedge produces yellow flowers and purple nutsedge produces purple flowers. Flower color makes ID simple. But how do you ID nutsedge when no flowers are available?

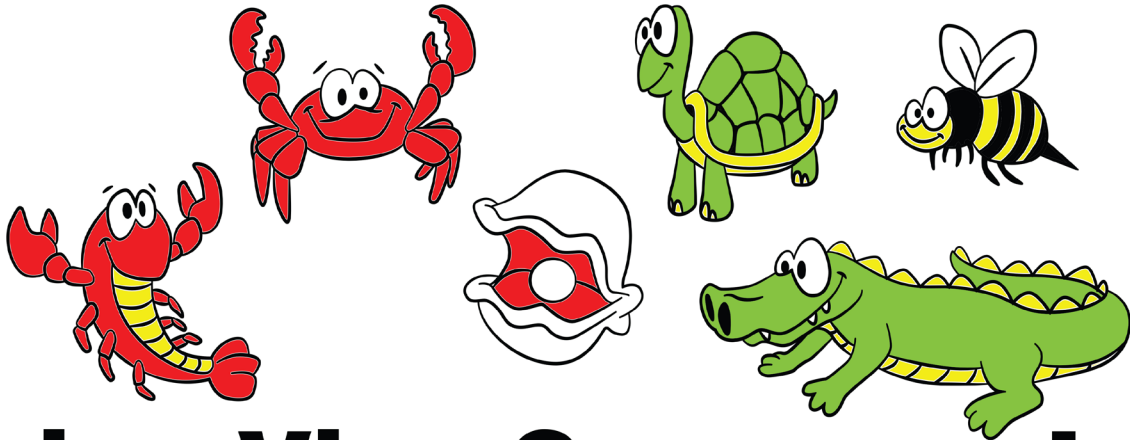
When there are no flowers, leaf tip is the most direct diagnostic characteristic to differentiate the two at very early stage. Yellow nutsedge leaf tips have a long and tapered point (spear shaped), whereas purple nutsedge leaf tips are bluntly pointed (dagger shaped). Both species produce rhizomes and tubers but purple nutsedge tubers are connected by chains of rhizomes. Yellow nutsedge produces tubers at the end of rhizomes. Perennial kyllinga species only produce rhizomes and numerous viable seeds.

Sedges can differ in their susceptibility to herbicides so distinguishing between species is critical for management decisions.

### Sedge Control Options

- Preemergence herbicides such as metolachlor (Pennant), dimethenamid (Tower) and dimethenamid + pendimethalin (Freehand) only have activity on annual sedges and yellow nutsedge. See product labels for use in bedding plant areas.
- Halosulfuron (Sedgehammer) provides good postemergence control of purple and yellow nutsedge and suppression of kyllinga. Spray halosulfuron on sedges around established woody ornamental species in landscaped areas.
- Sulfosulfuron (Certainty) good postemergence on most sedge species found in flowerbeds including kyllinga species. Sulfosulfuron can be applied around woody ornamentals as well as directly over-the-top of several perennial ground covers including mondgrass, *Liriope muscari* 'Big Blue', *Liriope muscari* 'Variegata', jasmine and others.
- Imazaquin (Scepter/Image) provides good control of several sedges and may be applied over-the-top of liriope, mondgrass, jasmine, and several woody shrubs (see product label). Do not apply around or over-the-top of bedding

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# Hammond Research Station Update

*Jeb S. Fields, PhD*

The days are getting longer and hotter, and that means that the Hammond Research Station trial gardens are beginning to explode with color. Perfect timing to, as we can officially announce that the LSU AgCenter Hammond Research Station is again open to the public. We have been closed to visitors during the COVID shutdowns, but we are finally able to open our gates and let everyone come and see all the amazing work our team has accomplished over the past 12+ months. We hope that you will be able to stop by and visit with us next time you are in the area. We do ask that visitors check in with the front office when you first arrive.



There has been quite a bit of excitement these past few months. The biggest news I want to share is the release of our new and improved Hammond Trials website. Our team has worked for over a year to bring you a state of the art website that will feature all of the plants we trial in the gardens. From up to date photos and cultural information. We provide continuous ratings of our plants in the website, with an exciting new plant selection tool that lets you search for plants based on a multitude of features, such as native plants, pollinator plants, flower color, and more. We also have sections for our virtual garden tours that we plan to continue for those who cannot make the trip to Hammond. Finally, be sure to check back throughout

the year, as not only do the trials update, but we have some exciting new features in the works, including a live virtual tour option! We would love you to visit our website and be sure to let us know what you think. The website can be found at [app.lsuagcenter.com/hammondtrials](http://app.lsuagcenter.com/hammondtrials). Last month we hosted the Virtual Margie Jenkins Lecture Series and Spring Open House on the Hammond Trials website, which included garden tours, plant trial updates, and a very special celebration of Mrs. Margie's contributions to Hammond and the Nursery industry from her close friends. We are now excited to tell everyone that our upcoming Horticulture Field Day will be live and in-person, with some added virtual content. This will be our first hybrid field day, and we are excited with the opportunity to see everyone we haven't seen in the past year. The Horticulture Field Day will be Friday, July 23 from 8AM to 1PM. Registration will start at 7:30 and we will provide lunch to all attendees. Make sure you mark your calendars and come out to visit the trials, learn about cutting-edge LSU AgCenter research, and hear updates on the Louisiana Super Plants program. We will share our full agenda in the coming weeks.

Speaking of Field Day, we also want to announce some other exciting in-person events we have planned for this year. On Thursday, October 7th we will host the Proven Winners Landscape Roadshow, where you can come and learn about plant materials, new landscaping trends, and get a tour of the station. We are also co-hosting the Louisiana Plant Materials conference with the Louisiana Nursery and Landscape Association on November 2nd. Look for more information on both of these events in future newsletters. In research news, graduate

student Kristopher Criscione is making significant strides towards completion of his Masters of Science in Horticulture. Kristopher's research, which has been funded in part by the Louisiana Nursery and Landscape Foundation for Scholarship and Research, involves reimagining soilless media placement in containers for added fertilizer and water efficiency. This idea has been coined "Stratified Substrates" and is part of a large national research collaboration between myself at LSU AgCenter and researchers at the USDA, as well as other institutions. From early indications of Kristopher's research program we now have a better understanding of water holding through stratified substrate systems and how we can optimize water resources through more controlled irrigation schedules. We will have a research demonstration of Kristopher's stratified substrate research, as well as other stratified substrate research projects at the Horticulture Field Day this July.



One of our favorite parts of summer is all the new faces that we get at the station. Working with summer interns is always fun, as we get to teach the next generation of nursery and landscape professionals with hands-on work and education. This year we have five new summer interns at the Hammond Research Station! We have two local high school students who intern at the station, Kendall May and Amelia Cooper. Kendall was with us last year and this is Amelia's first



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summer at the station. We are very excited to watch these two interns interest in horticulture bloom. We also have two college interns. Devin Schexnayder, from good ole' Litcher, Louisiana, is a senior at Southeastern Louisiana University is studying Integrative Biology with interest in plant genetics and breeding. Devin received the Hammond Trials summer internship at the station. Carina Etgen, from Houston, TX, is a senior at Louisiana State University studying Horticulture. Carina received the Louisiana ASPIRE internship and is looking forward to continuing her career in horticulture by attending graduate school after graduation. Our fifth intern is Max McKeown. Max received the 2021 Louisiana

Nursery and Landscape Association summer internship at the Hammond Research Station. Max just graduated from the University of Arkansas with a degree in Horticulture Landscape and Turf Science. Originally from Monticello, AR, Max is continuing his horticulture career by starting his Master's program at LSU this fall. Max plans to work in public horticulture, focusing on ornamental plants and gardens. All of our interns are supporting the gardens and the station, as well as working on their own research projects. We are very excited for the summer, as our trials, research, and activities begin to kick into gear. We want to send a very special Thank You to all the members of Louisiana's

nursery and landscape industry. Our top priority is to serve you as an industry, and your support is always appreciated. As always, if there is ever anything I or anyone at the Hammond Research Station can do to assist you, please do not hesitate to ask.

Until next time,  
Jeb



## The Louisiana Nursery and Landscape Association Summer Internship at the Hammond Research Station



### Max McKeown

- Dale Bumpers College of Agriculture, Food and Life Sciences
- Horticulture, Landscape and Turf Sciences
- Student Ambassador
- ASAP Mentor Class of 2021

We would like to congratulate Max McKeown on his award of the 2021 Louisiana Nursery and Landscape Association Internship. The LNLA has begun to fund a summer intern at the Hammond Research Station, to support the gardens, learn about the industry, gain hands-on experience, and grow into leaders of the next generation of nursery and landscape professionals. Our first ever recipient, Max came very highly recommended by his professors at University of Arkansas. Max McKeown recently graduated with a Horticulture Landscape and Turf Science Degree from the University of Arkansas at Fayetteville. He is originally from Monticello, AR. Max was the president of the campus horticulture club, as well as the president of Italian Club. He was also involved in the Student Ambassador Program as the special events coordinator. Max plans to pursue his master's degree at LSU in the fall. His career plan is to work in the public sector of horticulture.

We sat down with Max during the first week of his internship to get to know him better.

What made you interested in pursuing a career in horticulture?

- I grew in a rural part of Arkansas, so plants have always been part of my life. My grandma likes to garden so I would always help her in the yard when I was younger and today.

What is your favorite aspect of horticulture?

- My favorite aspect of horticulture is the connection that people have with plants. So many people have emotional connections to plants, and love to share it with others.

Where do you see yourself in 5 years?

- I see myself managing a public garden somewhere in the Southeast. I plan to have a strong connection with the people of the area and be a voice of horticulture that people listen to.

Describe your dream job.

- My dream job is to be an estate gardener, where I could have free reign over the garden.

What do you enjoy doing in your free time?

- I enjoy getting coffee with friends, exploring new areas, running and being in nature.



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The Louisiana Native Plant Society is a statewide non-profit organization founded in 1983. LNPS's mission is to:

- To preserve and study native plants and their habitats,
- To educate people on the value of native plants and the need to preserve and protect rare and endangered species,
- To promote the propagation and use of native plants in the landscape, and
- To educate people on the relationship between our native flora and wildlife.

## SOLAR ENERGY IN LOUISIANA

*Submitted by Brian Breaux*



In recent months, many in the agricultural industry have expressed concerns about the rapid development of solar energy in Louisiana before the State has a state regulatory framework in place for the solar industry. These same solar energy concerns echoed during the 2021 State Legislative Session. As a result, Senate

Resolution - 182 by Senator Beth Mizell passed the 2021 Louisiana State Regular Legislative Session. SB 182 urged and requested the Secretary of the Department of Natural Resources and the Commissioner of the Department of Agriculture and Forestry to jointly conduct a public meeting to listen to agriculture's concerns about solar energy not later than July 1, 2021.

In response, the Louisiana Department of Natural Resources and the Louisiana Department of Agriculture and Forestry conducted a joint

public hearing on June 29 at the LaSalle Building in Baton Rouge to listen to agriculture's concerns. Farmers that lease their farm land expressed concern about losing their farm land to solar farms that may pay more for agricultural land than farmers. Earlier that morning in response to SB 185 -( ACT 301 )authored by Senator Bret Allain that also passed the 2021 Louisiana Regular Legislation Session, the Louisiana Department of Natural Resources held an additional public hearing to discuss what regulations are needed to regulate the solar energy industry.

Some of the main concerns expressed were that solar energy developers should be required to post a bond to pay for the costs of removing solar farm equipment from a landowners property after the solar farm is decommissioned.

In the months ahead, leaders in Louisiana will be working to establish a workable framework for solar energy that addresses many of the concerns provided at these recently held public hearings.

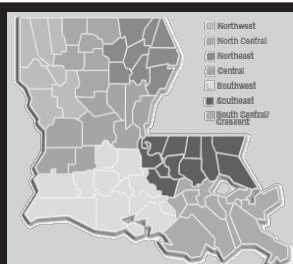
## THE NEW ORLEANS HORTICULTURAL SOCIETY

The New Orleans Horticultural Society is back to having regularly scheduled meetings after having to take a year off due to restrictions. The NOHS is a non-profit organization that began in 1885, the second oldest of its kind in the United States. It's a place where like-minded professionals in the green industry can meet and talk about the trade and attend lectures and activities that promote all aspects of the landscape profession. The group is comprised of licensed horticulturists, florists, nurserymen, garden center operators, pesticide applicators, landscape contractors and architects, arborists, and those in allied trades. Our meetings are typically held on the third Thursday of every month, unless an event or holiday changes the day. We meet at the City Park Garden Study Building which is set among the beautiful New Orleans Botanical Gardens.

Each week we have guests speakers that bring their knowledge about specific plants, products, or ideas that are useful or interesting to those in the landscape industry. Sometimes in lieu of a speaker or a meeting, we take trips or field trips. This past month we met up for the first time since

February of last year and everyone was excited to see each other in person and share the trials and tribulations of the past year. The one thing that all our members agreed on was how much the landscape industry thrived amid economic shutdowns. This showed first hand that business owners and homeowners alike love their landscapes and are willing to do what it takes to make their homes and offices a beautiful space to enjoy. Now it's our turn to put our heads together in the green industry and figure out how to meet this new demand. That's where the New Orleans Horticulture Society is today as we work on growing our network even more.

We currently have over seventy members in our organization and we are always ready to welcome more. Meetings typically last two hours and refreshments are provided before the guest speaker takes over. For up-to-date information, please contact us at NOHS1885@gmail.com to request to be added to our email mailing list and newsletter or you can find us on Facebook for updates.



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

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

CLNA: Myra Poole Maloney, President, 75 Nick Strange Road, LeCompte, LA 71346, (p) 318-321-6046, (e) [myramaloney41@gmail.com](mailto:myramaloney41@gmail.com)

LIA: Chuck Davis, Executive Secretary/Treasurer, (e) [geauxlia@gmail.com](mailto:geauxlia@gmail.com)

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

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The Southern Region IPPS meeting will be held in-person October 23-27 in Mobile, AL. Hotel and registration information is coming soon.

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Thanks to the following Louisiana sponsors (as of May 20th) for this year's annual meeting – Louisiana Nursery and Landscape Association, Bracy's Nursery, Louisiana Nursery and Landscape Foundation for Scholarship and Research, Allen Owings and Louisiana Chapter – Azalea Society of America

## Walter Imahara named OUTSTANDING ALUMNUS at ULL!



*(Walter Imahara, second from left, and Dr. Steven Conrad, second from right, are the University of Louisiana at Lafayette's 2020 Outstanding Alumni. The honorees are joined by John Claude Arceneaux, left, interim executive director of the UL Lafayette Alumni Association, and Dr. Joseph Savoie, University president, during a May 15 reception at the Alumni Center.)*

The Outstanding Alumni Award is the highest honor UL Lafayette gives to a former student. It recognizes professional and personal achievements that have brought honor and distinction to the University. Graduates and former students who attended no less than 10 years ago are eligible to receive this award.

Imahara was UL Lafayette's first Asian-American graduate and one of the most decorated athletes in University history. Imahara received his award during a reception held May 15 at the UL Lafayette Alumni Center. The Outstanding Alumni event usually coincides with Homecoming activities; the 2020 recognition was postponed in response to COVID-19. Imahara earned a bachelor's degree in horticulture in 1960. He was the first Asian-American graduate in University history.

Imahara began weightlifting while a student at Southwestern Louisiana Institute, now UL Lafayette. He was a member of the team that captured the National Collegiate Weightlifting Championship in 1957. It was the first national championship in any sport in University history. As a weightlifter at SLI, in the U.S. Army, and after his discharge, Imahara amassed nearly 200 regional, national and international titles between 1957 and 2005. He is a six-time U.S. Senior National Weightlifting Champion, a world-record holder in Masters weightlifting and was a gold medalist at the 1967 Pan American Games. Imahara was chairman of both the USA Masters Weightlifting Federation and the International Weightlifting Federation Masters Committee.

He is the founding owner of Imahara's Nursery and Landscape Co. in Baton Rouge and was president of the National Landscape Association, the Southern Nursery Association and the Louisiana Association of Nurserymen.

Imahara published his memoirs, "I Am an American: Japanese American, Asian Cajun," in 2019. The book recalls his time at SLI and details Imahara and his family's experiences while interned in a relocation camp during World War II.

# “How We Turned a Barren Construction Site Into A Gold Level Habitat In Less Than One Year”

*Submitted By: Tracey Banowetz*



## Background

Our interest in using native plants in our landscaping began over twenty five years ago as two of our hobbies - gardening and birdwatching - intertwined. For Dave, reading Noah's Garden by Sara Stein back in 1994 was like what reading Doug Tallamy's Bringing Nature Home or Nature's Best Hope is for many today. It showed how we could enjoy both hobbies in a way that also supported our more fundamental interests in nature and conservation. Our first attempt at gardening with native plants was in conjunction with the construction of a new home in a Baton Rouge subdivision in 1995. We outgrew that space within five years and acquired 26 acres in the Tunica Hills north of St. Francisville. We enjoyed almost 20 years of fun in the woods before facing the fact that it was time to downsize. Which brings us to the start of the present-day story....

Initially, the concept of downsizing was depressing as we struggled with the thought of trying to shrink what we had in terms of both home and garden. What to keep? What to get rid of? And how? We needed a vision! We found it at an exhibit at the West Baton Rouge museum on the interior design concepts of Frank Lloyd Wright. Dave and I walked out of the exhibit, looked at each other, and said "That's it! We keep nothing and go in a completely different direction". This meant swapping a 160 year old historic home and most of its contents for a small but intensely functional space based on the principles of Wright's Usonian designs. But the characteristics of organic architecture - "creating harmony between human habitation and the natural world" - also provided an exciting step forward in our continuing interest in gardening with native plants.

So now we had to find a homesite. We looked for property on the New Orleans north shore in order to be closer to both of our mothers who still live in the area. We chose a 3/4 acre lot in the Money Hill subdivision in Abita Springs. We were attracted to Money Hill because of the conservation ethics expressed by the Goodyear family as well as their association with The Nature Conservancy. We chose our lot based on its gradual elevation change and the fact that it backed up to a small lake and a large common area with lots of space and lovely views. We knew our architect could help us do something really cool with the site.

## Design Goals for the Home and Garden

In keeping with the principles of organic architecture, we wanted the construction of the home to be "dirt neutral." In other words, we wanted as little fill and as little excavation as possible, despite the fact that the lot had a strong declining slope from front to back. The result was a split-level open u-shape home that melded into the existing topography. Pale green brick would further help the house blend in to its surroundings.

The changing elevation across the property created both challenges and opportunities. Managing the drainage in a sensitive way would be a challenge and for this we collaborated with Philip Moser Associates and installed a series of french drains and dry stream beds. A low retaining wall at the rear of the main garden in the front yard was added to retain both soil and soil moisture in this bed. Terraced steps in the rear compliment the geometry of the house, creating garden and lawn spaces that absorb water runoff from the roof. This also allowed us to preserve and protect a large longleaf pine in the backyard by avoiding any significant fill in its root zone.



Different elevations and exposures on the site offered us the opportunity to create three main habitat areas. The higher and sunnier front yard became the upland pine savannah; the lower, wetter northeastern corner became the lowland pine savannah or "flatwoods garden;" and the shadier west side became the woodland garden.

We were required to present a landscape plan to the Money Hill HOA prior to constructing our home. At the time we did this, the committee was primarily concerned with tree preservation and had some detailed requirements regarding the minimum number of trees you were required to have for each zone of your property. This was not a difficult target for us to meet and our initial plan was readily accepted. While the plan included a large planting area in the front yard for the upland pine savannah, there was also a generous amount of turf, which probably helped facilitate

*Continued on next page*

the approval. That said, current guidelines call for a minimum of 20% turf area in the front yard, so we have the opportunity to expand this garden as we learn more about what plants are most successful in this area. Thus far, the only “push back” we have received from the HOA was that it took longer than the required three months from move-in to install the garden.



### Plant Selection

When it came to selecting specific plants for the gardens, we wanted to focus primarily on the use of indigenous native plant material common to the longleaf pine ecosystem that was

original to the Money Hill area. Lucky for us, our best friends are Rick and Susan Webb who own the fabulous Louisiana Growers Nursery in nearby Amite. Having held my landscape horticulture license since 2002, we had easy access to some wonderful plant material, including lots of special selections that Rick has made from St. Tammany, Washington, and Tangipahoa parishes. We also put into practice some of the principles we had recently learned from Claudia West and Piet Oudolf. We sought to use native grasses and perennials in relatively dense masses. Perennials were selected with an eye towards attracting birds, butterflies, and other pollinators. Many of our perennials came from Louisiana Growers, but we also discovered the great selection of perennials available as “landscape plugs” from Northcreek Nursery in Pennsylvania. Again, having my professional license allowed us access to this source of plant material. Using large quantities of smaller plants allowed us to achieve masses of plants quickly and economically.

### Specific Plant Materials

While we focused on masses of perennials, we also opted for diversity in terms of both the woody and perennial selections. Having the three different habitats guided our selection process and accentuated this diversity. What follows is a list of some of the plant material in each of the three habitat gardens.

**Upland Pine Savannah:** This garden is in the front yard, receiving full sun with a southern exposure. The property slopes gently from the street down towards the house.

Butterfly Weed (*Asclepias tuberosa*), Yellow False Indigo (*Baptisia sphaerocarpa*), Rattlesnake Master (*Eryngium yuccifolium*), Coral Bean (*Erythrina herbacea*), Joe Pye Weed (*Eupatorium fistulosum*), Blue Arrow Rush (*Juncus inflexus*), Prairie Blazing Star (*Liatris pycnostachya*), Dense Blazing Star (*Liatris spicata*), Scarlet Beebalm (*Monarda didyma*), Peter’s Purple Bee Balm (*Monarda fistulosa* x *barlettii*), Spotted Beebalm

(*Monarda punctata*), Switchgrass (*Panicum virgatum*), Shortleaf Pine (*Pinus echinata*), Longleaf Pine (*Pinus palustris*), Prairie Coneflower (*Ratibida pinnata*), Orange Coneflower (*Rudbeckia hirta*), Giant Coneflower (*Rudbeckia maxima*), Pineywoods Dropseed (*Sporobolus junceus*), Stokes Aster (*Stokesia laevis*), Tree Huckleberry (*Vaccinium arboreum*).

**Lowland Pine Savannah:** This garden is in the rear northeastern corner of the property. It has significant elevation change across its area, staying drier at the top and much more damp at the rear.

Swamp Milkweed (*Asclepias incarnata*), Whorled Milkweed (*Asclepias verticillata*), American Hornbeam (*Carpinus caroliniana*), Button Bush (*Cephalanthus occidentalis*), Joe Pye Weed (*Eupatorium fistulosum*), Spiderlily (*Hymenocallis liriosme*), Dahoon Holly (*Ilex cassine*, “Tchefuncta”), Virginia Sweetspire (*Itea virginica*), Virginia Saltmarsh Mallow (*Kosteletzkya virginica*), Fetterbush (*Lyonia lucida*), Southern Wax Myrtle (*Myrica cerifera*), Longleaf Pine (*Pinus palustris*), Swamp Azalea (*Rhododendron serrulatum*), Florida Azalea (*Rhododendron austrinum*), Giant Coneflower (*Rudbeckia maxima*), Little Bluestem Grass (*Schizachyrium scoparium*), Wrinkleleaf Goldenrod (*Solidago rugosa*), Elliott’s Blueberry (*Vaccinium elliotii*).

**Woodland:** The woodland habitat stretches along the western side of the home, extending into the back yard area. It is bordered by the wooded lot next door which we bought half-way into the construction process in order to preserve the trees.



Common Milkweed (*Asclepias syriaca*), Butterfly Weed (*Asclepias tuberosa*), Crinum Lily (*Crinum americanum*), Dixie Wood Fern (*Dryopteris australis*), Southern Wood Fern (*Dryopteris ludoviciana*), Bigtop Lovegrass (*Eragrostis hirsuta*), Beeblossom (*Gaura lindheimeri*), Yaupon (*Ilex vomitoria*), Mountain Laurel (*Kalmia latifolia*), Sweetbay Magnolia (*M. virginiana* var. *australis*), Sourwood (*Oxydendrum arboreum*), Switchgrass (*Panicum virgatum*), Obediant Plant ‘Miss Manners’ (*Physostegia virginiana*), Longleaf Pine (*Pinus palustris*), Live Oak (*Quercus virginiana*), Florida Azalea (*Rhododendron austrinum*), Piedmont Azalea (*Rhododendron canescens*), Orange Coneflower (*Rudbeckia fulgida* var. *fulgida*), Dwarf Palmetto (*Sabal minor*), Scarlet Sage (*Salvia coccinea*), Autumn Sage



(*Salvia greggii*), *Salvia* ‘Black & Blue’ (*Salvia guaranitica*), Blue eyed Grass (*Sisyrinchium angustifolium*), Indian Pink (*Spigelia marilandica*) Stokes Aster (*Stokesia laevis*).

**Elsewhere on the property:** There are several other smaller beds on the site, including foundation beds across the front of the home, and additional trees dotted about.

Beeblossom (*Gaura lindheimeri*), Virginia Sweetspire (*Itea virginica*), White Muhly Grass (*Muhlenbergia cappillaris*), Black Gum (*Nyssa sylvatica* var. *sylvatica*), Beardtongue (*Penstemon digitalis*) Correll’s False Dragonhead (*Physostegia correllii*), Longleaf Pine (*Pinus palustris*), Mexican Plum (*Prunus mexicana*), Water Oak (*Quercus nigra*), Nuttall Oak (*Quercus nuttallii*), Needle Palm (*Rhaphidophyllum hystrix*), White Flame *Salvia* (*Salvia farinacea* x *longispicata*), Blue eyed Grass (*Sisyrinchium angustifolium*), Wrinkleleaf Goldenrod (*Solidago rugosa*), Pond Cypress (*Taxodium distichum* var. *nutans*).

**Bog Planter:** I have long had a passion for collecting carnivorous plants and we designed a planter at the front entrance of the home to hold these.

Thread-leaf Sundew (*Drosera filiformis* var. *tracyi*), Spoon-leaf Sundew (*Drosera spatulata*), Starrush Whitetop (*Rhynchospora colorata*), Pale Pitcher Plant (*Saracenia alata*), Yellow Pitcher Plant (*Saracenia flava*), White Pitcher Plant (*Saracenia leucophylla*), Parrot Pitcher Plant (*Saracenia psittacina*), Purple Pitcher Plant (*Saracenia purpurea*), Catesby’s Pitcher Plant (*Saracenia* x. *catesbaei*).

**Other Perennials:** There are some non-native perennials that we just can’t live without and find particularly attractive to hummingbirds and butterflies. These have been included in other planters and beds around the home: Cigar Flower (*Cuphea ignea*), Shrimp Plant (*Justicia brandegeana*), Lantana sp. ‘New Gold.’

**Lot Next Door:** As mentioned earlier, about half-way through construction, we had the opportunity to purchase the lot to the west of ours. We have begun to introduce more native trees, shrubs, and perennials into the understory. The list below includes both pre-existing and recently planted species.

Red Buckeye (*Aesculus pavia*), Green Milkweed (*Asclepias viridis*) American Beautyberry (*Callicarpa americana*), Joe Pye Weed (*Eupatorium fistulosum*), Yaupon (*Ilex vomitoria*), Sweetbay Magnolia (*M. virginiana* var. *australis*), Southern Wax Myrtle (*Myrica cerifera*), Black Gum (*Nyssa sylvatica* var. *sylvatica*), Longleaf Pine (*Pinus palustris*), Loblolly pine *Pinus taeda*), Black Cherry (*Prunus serotina*), Common Hoptree (*Ptelea trifoliata*), Live Oak (*Quercus virginiana*), Winged Sumac (*Rhus copallinum*), Giant Coneflower (*Rudbeckia maxima*), Lyre Leaf Sage (*Salvia lyrta*), Tree Huckleberry (*Vaccinium arboreum*).

## Outcome and Reception

As of this writing, it has been a little over twelve months since we installed most of the woody plant material. Perennials have just gone through their first winter and, for the most part, appear to have survived the recent cold snap. We are curious to see what Spring will bring. Our biggest challenge has been having to deal with the poor quality garden soil that was brought in to build some of the landscape beds. We’ve had to apply a lot more fertilizer than we’d like in order to lower the soil pH and improve fertility. Overall though, the first year has been very rewarding. The abundance of milkweed brought lots of monarchs and countless caterpillars and chrysalis. Numerous other swallowtails, skippers, dragonflies, bees, and other pollinators have been spotted as well. Turtles come up from the nearby lake to lay their eggs in the garden which is fine with us. Various species of woodpeckers, flycatchers, warblers, and other songbirds have been spotted. We’ve had at least three different hummingbird species overwinter in the garden too. The pandemic has prevented us from socializing much, so I can’t report on how the garden has been received beyond our immediate neighbors. Our next-door neighbor is an equally avid gardener with a completely different style, but she loves it and is always curious about what we are doing. Her granddaughter has even brought a chrysalis and a pitcher plant from our garden to show-and-tell! The young family across the street has expressed positive curiosity as well and recently inquired about our Certified Habitat sign. I have to admit that I laughed when, in the middle of the admittedly drawn out process of initial installation, a member of the HOA committee asked when we would be finished. “Never!” We recognize that our garden will never be finished. It will always be evolving. As we learn from our successes and failures, we will probably reduce the turf and expand the garden in the front yard. We plan to “gently manage” the side lot by continuing to add appropriate trees, shrubs, and perennials to the understory. We look forward to enjoying our garden and its critters for many years to come!

Tracey Banowetz is past president of the Louisiana Native Plant Society and owner of WildWing Gardens, specializing in gardens for birds, butterflies, and wildlife. She lives and gardens with her husband David in Abita Springs, Louisiana.



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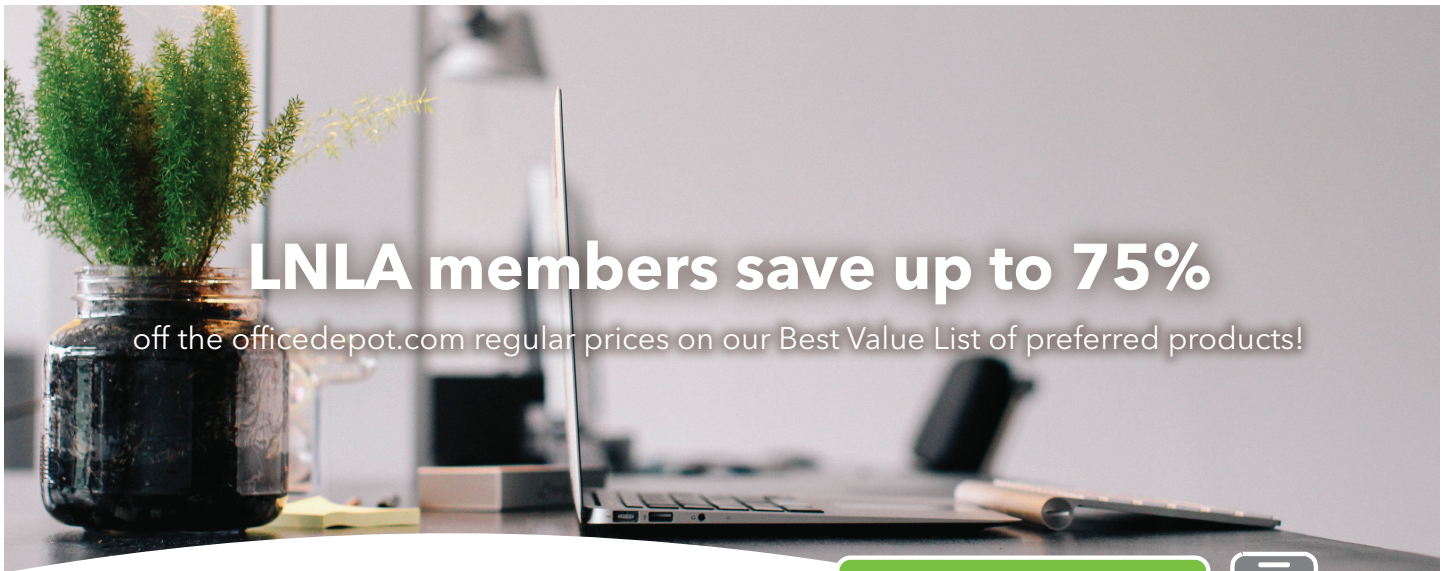
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# LANDSCAPE HORT LICENSING VS LNLA CERTIFICATION

## Louisiana Department of Ag & Forestry (LDAF) Landscape Hort Licensing Facts

- Licensing is REQUIRED to conduct business as a “Landscape” in the state of Louisiana; this is anything above grass cutting.
- Licensing is offered only through LDAF (225-299-8100) or [ldaf.state.la.us](http://ldaf.state.la.us).
- Licensing exam fee is \$114. This exam can be taken Tuesdays and Thursdays by appointment but must be scheduled with LDAF
- Licensing exam is in-person but computer based with 50 questions that consist of a mix of True/False, Matching, and Multiple Choice.
- An exam score of 70% or greater is required to then apply for the license.
- If you fail the licensing exam you must wait 14 days to take the exam again.
- Study material for licensing exam is “The Louisiana Manual for the Environmental Horticulture Industry” \$65 offered only at [lnla.org](http://lnla.org)

## Louisiana Nursery & Landscape Association (LNLA) Certified Nursery & Landscape Professional (CNLP) Certification Facts

- Certification is NOT REQUIRED to conduct business as a “Landscape” in the state of Louisiana.
- Certification is optional and given through LNLA (985-237-2939) or [lnla.org](http://lnla.org)
- Certification exam is offered 2x a year in Feb and June. The certification exam follows a 2 day in-person manual review session.
- Study material for certification exam is “The Louisiana Manual for the Environmental Horticulture Industry” \$65 offered only at [lnla.org](http://lnla.org)
- Cost of the 2 day manual review is \$75 and certification exam cost is \$100.
- The Certification exam is made up of 5 parts. 4 are written from manual material and the 5th is plant identification. All sections require a 70 or greater to pass. Once you pass any section of the certification exam you do not have to take that section again but certification will not be issued to the exam taker until all 5 parts are passed with a 70 or greater. All 5 sections must be passed in a 2 year period ... after 2 years all sections will be required to take over again.
- Certification is a marketing tool for yourself or a course that employers may have employees participate in to have a better understanding of the industry. Manual Reviews are great for both the Licensing and Certification exams. The review is not required but available to those who would like to participate.

## Congratulations to our newest Certified Nursery and Landscape Professionals!

*These individuals scored a 70 or above on all five sections of the LNLA certification exam.*

- Faivre Gille, City Park NOLA
- Don Hammon, Metairie Country Club
- Rebekah Tuck, City Park NOLA
- David Jones, Garrison’s Home & Garden Showplace



*(Dr. Jeb Fields teaches the CNLP manual review at LSU AgCenter’s Hammond Research Station this summer.)*

# LNLA BOARD OF DIRECTORS MEETING - Minutes

## Wednesday, April 21, 2021 – 10:00 am

### Drusilla's Seafood Restaurant, Baton Rouge

The Louisiana Nursery & Landscape Association Board met on Wednesday, April 21, 2021, at Drusilla's Seafood Restaurant in Baton Rouge, LA. Total attendance was 22 people.

Board Members Attending: Ricky Becnel, Kurt Ducote, Lisa Loup, Brian Bridges, Michael Roe, Reuben Mitchell, Candria Ray, Brandon Adams, Jeff Reid, Matt Fennell, Angelo Quaglino, Dr. Jeb Fields, Craig Roussel, Dr. Ed Bush

Absent: Tony Carter and Juan Garcia

Quorum is 7 voting members; 9 present; quorum established.

Guests/Staff: Cari Jane Murray, Tina Peltier, Marsha Dugas, Brian Breaux, Corey Ray, Stacia and Dan with LIA.

Kurt Ducote started the meeting at 10:10 with the pledge and a prayer from CJ. Kurt thanked everyone for coming and is ready for a great year. Kurt introduced the new members on the board and guests.

Everyone reviewed the minutes from the last meeting. Kurt asked for a motion to accept the minutes. Jeff Reid motioned and Matt Fennell second, all were in favor.

Brian Bridges, LNLA treasurer, gave the financial report. As of March 31, checking total \$117K, money market \$25K, savings \$88K. Last year at same time we had \$115K checking and round about the same in money market and savings. 1.6% increase over last year. Pretty impressive since we didn't have GSHE income. Doing good financially. Matt Fennell motioned for Brian to cut the check for \$6190 to the foundation as half of the proceeds from the raffle. Lisa Loup second, discussion ensued about if half of this check should be \$3000 for the gold sponsorship to the part of the \$6000. Majority agreed that the checks should be separate. All in favor. Brandon Adams motioned to accept final report, Matt Fennell second, all were in favor.

Tina Peltier, Director of Quarantine and Horticulture Programs for LDAF introduced Marsha Dugas who will be assistant director to Tina. Marsha has been in the department for 20+ years. We look forward to working with Marsha! Citrus canker confirmations; one outside the quarantine area, more tests will happen before this area is also quarantined. Guava root rot nematode was positive tested on foxtail fern coming in from a nursery in Florida. Destroyed all foxtail fern and surveyed other plants coming from that nursery. Cap surveys will start soon.

Marsha reported total for Landscape Horticulture license holders being 1811 and 347 la architects.

Brian Breaux, with Louisiana Farm Bureau Federation, let the board know about emergency disaster loans for up to \$500K for reconstructing greenhouses. Can go to FSA office to get more info about this loan. (TAP)Tree assistance program for replacing trees. Emergency confirmation will help with debris cleanup from storms and freeze in declared disaster areas. Brian also let us know about the Hauls Act will help us get the exemption for nurseries.

PPP got extended, you have to show a 25% loss in the same quarter of 2020 compared to 2019. Immigration reform US citizen act will be one for us to watch. Solar farms are popping up and should be looked into carefully before moving forward. If you would like to be in contact with Brian Breaux for more information about these topics please let me know.

Angelo Quaglino, for the Labor & Legislative issues Committee informed us that Jeff Reid has reached out to congressmen for a meet and greet breakfast to discuss our labor issues, no word from them yet. DHS released 20K additional visas for the year but workers will likely not make it to employers till June. Craig Roussel brought up continuing education food for thought on the landscape Hort license. We will form an email with Stacia and Tina to discuss more options on this.

Candria Ray for the awards committee, presented Brian Breaux with a plaque for honorary LNLA membership.

Brandon Adams for the funding committee reported to the board

- IPPS - \$1000 - Approved in email
- Azalea Society - \$500 - Approved in committee
- LNLA Summer Internship @ Hammond Research Station - \$2400 (splitting with LNLFSR) - Approved in email
- HRI - \$250 - Approved in committee
- FFA - \$1000 - Approved in email
- NLAE - \$250 - Approved by committee - paid credit card 4-20-21
- Foundation Gala XI - \$3000 Gold Sponsorship - Brandon motioned to sponsor the Foundation Gala for \$3000. Lisa second, all were in favor. Lisa asked Brian if we have a yearly budget and breakdown of what we have for each category of donation. Brian reported that we have \$5200 for sponsorships for the year. Money to the foundation is categorized as donation.

Dr. Allen Owings reported to the LNLA board about the upcoming Foundation Gala XI, Friday June 25, 2021 – Pavilion of the Two Sisters, NOLA 6:30 – 9:30. Allen also reported about the turnover in the foundation board members. Annie Coco is the new treasurer with new directors being Regina Bracy and Elena Fennell. Allen let us know about all the scholarships that were given out at the virtual Lnla annual meeting as well as the research projects that the foundation funded last year. We hope for a report from those individuals soon. Allen encouraged all the Lnla board members to attend the gala, sponsor and or donate if they can.

Matt Fennell reported for the marketing committee

- Raffle 2021 Recap, we did very well profiting over \$12k and were able to split that with the Foundation.
- 2022 raffle new info. Would like to do a first prize of an over and under shotgun. Second prize of earrings or something for the ladies and a third prize. Lisa brought up having a package put together for the sponsors of this event to keep them interested year after year, incentive for the vendors. Matt made a motion to not spend more than \$5000 for the 3 prizes, Lisa second, all were in favor.
- TNLA show in San Antonio will be an unmanned booth. Dr. Ed Bush will help man our booth since he will be there. We will request LNLA and LSU AgCenter have a booth beside each other. Will give out Selna maps and Central maps in the booth.
- Newsletter Ad Pricing - we would like to increase going forward. We proposed to get rid of business card, quarter \$500, half \$750, Full \$1200 these are non member prices. Matt motioned to get rid of business card, Angelo second all were in favor. All other price increases for the newsletter ads were tabled for now.
- Newsletter Covers - to Foundation Gala Live Auction (Fall and Winter issues) Lisa motions to give our last 2 newsletter covers to auction at the gala to split the proceeds in the end. Kurt second and all were in favor.

Lisa Loup reported to the board for the membership committee. As of today we are at 570 members. We ended last year at 550. We have sent out 2 mailings, one in November and one in December then an email in February. We have 249 lapsed members that did not renew. Ms. Boots starts a new job next week so her time will go down significantly as well as calls to new and old members for renewal. We will have our next meeting as a general meeting at the LSU AgCenter Hammond Research Station July Field Day. Preparation needs to begin now.

Matt Fennell asked for the IT Committee that a Renew button be placed on website if that's doable and start doing website advertising. CJ work on these for next meeting

Michael Roe had no report for the Nominating Committee at this time.

Dr. Jeb Fields and Cari Jane Murray reported the next CNLP will be June 8&9 (IN PERSON) Hammond Research Station and the LA Plant Materials Conference (PlantCon) will be November 2, 2021 at Hammond Research Station as well.

Dr. Jeb Fields with the LSU AgCenter reported that the Hammond Research station gardens are open to public now. We are hiring a new faculty member and really appreciate LNLA for sponsoring dinner for each of the candidates and giving us their feedback on the choices for the hire. We hope to know the selection by beginning of summer. Kurt brought up that we would like to see more funding for Super Plants program. Cari Jane will send out an email blast to see if anyone needs Super plant printed material.

Next Meeting – July 23 at Hammond Research Research Station at 10

Lisa motion to adjourn Lisa second all were in favor.





# Newest LNLA Membership Directory Listings

## **Akin's Nursery & Landscaping, LLC**

McGimsey, Jennifer  
5901 East Kings Highway  
Shreveport, Louisiana 71105  
318-868-2701  
akinsplants@gmail.com  
www.akinsnursery.com

## **Allured Maintenance LLC - The Grounds Guys**

Allured, Alexis  
5781 Goos Ferry Road  
Lake Charles, Louisiana 70615  
337-888-4020  
groundsguyslc@outlook.com

## **Audubon Landscape**

Williams, Keith  
61578 Shady Pine Rd  
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985-290-1337  
keith@audubonlandscape.net

## **Barreca Nursery & Pet Supply**

Barreca, Louis  
900 Clay Street  
Kenner, Louisiana 70062  
(504) 466-7387

## **Bayou Les Fleur Flowers & Gifts**

Mayeux Hess, Morgan  
2353 N Bayou Des Glaises Road  
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(318) 264-5662  
bayoulesfleurs@gmail.com  
bayoulesfleur.com

## **Bayou Scape, LLC**

Higgins, Carruth  
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Baton Rouge, Louisiana 70809  
(225) 937-8590  
carruth@bayouscape.com

## **Beau Cook Lawn & Landscape LLC**

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Shreveport, Louisiana 71106  
318-331-4782  
beau.cook@aol.com

## **BioSafe Systems**

Smith, Eric  
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East Hartford, Connecticut 6108  
888-273-3088  
esmith@biosafesystems.com  
www.biosafesystems.com

## **Bons Temps Growers, LLC.**

Cash, John  
9999 Mansfield Rd  
Keithville, Louisiana 71047  
3184536274  
jcash52@gmail.com

## **Broome Landscaping Services**

Broome, Ross  
7435 Town South Ave  
Baton Rouge, Louisiana 70808  
2258887118  
bart@broomelandscaping.com

## **City of Alexandria**

Green, Darren R  
625 Murray Street  
Alexandria, Louisiana 71301  
318-446-2342  
darren.green@cityofalex.com

## **Coastal & Highway Erosion Control**

Galland, Anita Jo  
P.O. Box 877  
Simmesport, Louisiana 71369  
stanleyb@stoperosionla.com

## **Dayton Bag and Burlap**

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233 Commerce Blvd.  
Statesville, North Carolina 28625  
704-873-7271  
cmcpherson@daybag.com  
www.daybag.com

## **DLLC**

DuPree, Lonnie  
791 E Warren St  
Gardner, Kansas 66030  
9138560120  
lonnie@dupreellc.com

## **Double Oak Garden Center**

Prados, Jeremy  
120 Highway 654  
Mathews, Louisiana 70375  
(985) 532-5160  
jeremy@doubleoakgardencenter.com  
doubleoakgardencenter.com

## **Exterior Designs, Inc.**

Katz, Beverly  
2903 Octavia Street  
New Orleans, Louisiana 70115  
(504) 866-0276  
info101@exteriordesignsbev.com  
www.exteriordesignsbev.com

## **Fleurish Ecoscapes**

Rodas, David Armando  
4321 Iola St  
Metairie, Louisiana 70001  
504-232-2305  
david@fleurishnola.com  
fleurishecscapes.com

## **Gardening With Mary LLC**

Costello, Mary  
9561 False River Road  
New Roads, Louisiana 70760  
2257180913  
mlgreenthumb.costello@gmail.com



**Gene's Greenhouses**

Dayhoff, Jessica  
 51417 LA-Hwy 443  
 Loranger, Louisiana 70446  
 985-606-0010  
 jessicamdgg@gmail.com  
 www.genesgreenhouses.com

**Greener Trees Louisiana, LLC**

Culpepper, Jim L  
 15820 Greensboro Avenue  
 Greenwell Springs, Louisiana 70739  
 (225) 278-6858  
 peppercul100@cox.net

**Groundworks Palm Station Boynton**

Palm Station Boynton, Groundworks  
 8140 93rd Lane South  
 Boynton Beach, Florida 33472  
 561-738-4880  
 sales@datepalm.com

**Halbert's Nursery LLC**

Dix, Brent L.  
 4111 Hwy 112  
 Forest Hill, Louisiana 71430  
 318-664-6836  
 halbertsnursery@gmail.com

**Instar, LLC.**

Nolan, Erika  
 8027 Jefferson Highway  
 Harahan, Louisiana 70123  
 504-231-8475  
 erika@instargardens.com  
 instargardens.com

**International Forest Company-  
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**J.R.'s Trees & Chaney Creek Nursery**

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 Creek-Nursery-205104522956196/

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Chaisson, Joshua  
 402 Christian Lane  
 Slidell, Louisiana 70458  
 504-517-6693  
 josh@jclawnandgardens.com  
 www.jclawnandgardens.com

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**Willow Grove Landscape**

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# 2021 Membership Application

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

Company Name: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

City, State, Zip: \_\_\_\_\_

Phone1: \_\_\_\_\_ Phone2: \_\_\_\_\_ Toll-free: \_\_\_\_\_

FAX: \_\_\_\_\_ Email: \_\_\_\_\_

Website: \_\_\_\_\_

Referred By: \_\_\_\_\_

**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	→
<input type="checkbox"/> \$100.00	\$0 - \$249,999	
<input type="checkbox"/> \$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

**PLEASE INDICATE YOUR PREFERENCE TO RECEIVE NEWSLETTERS:**     Email only     Mail only     Both email and mail

**OPTIONAL:** Members wishing to support the **Louisiana Nursery & Landscape Foundation for Scholarship & Research (LNLSFR)** 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](http://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.



### SAVE THE DATE

January 16 – 22, 2022

Mobile Convention Center

Mobile, AL

## Advertise your business in the LNLA Quarterly Newsletter

Quarterly publications: *Jan/Feb/March, April/May/June, July/Aug/Sept, Oct/Nov/Dec.*

Reach over 1200 members and industry professionals with each issue!

AD Sizes	Dimensions	1 QTR Issue	Non-Member Rate 1 YR / 4 issues	*Member Rate 1 YR / 4 issues
Full pg Color	7-1/2" X 9-1/2"	\$300	\$1200	\$960
Half pg Color	3-1/2" X 9-1/2" V 7-1/2" X 4-1/2" H	\$180	\$720	\$480
Quarter pg Color	3-1/2" X 4-1/2"	\$120	\$480	\$300
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](mailto:carijanelnla@gmail.com) (P) 985-237-2939.



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