

RIVER RAMBLINGS



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- > Damage Assessment Survey
- > Millennium Block Field Day
- > Fresh Fruit Trainings
- > Indian River Lagoon Estuary Program

OCT
2022

FEDERAL DISASTER ASSISTANCE PROGRAMS FOR IMPACTED GROWERS

Jenny Hoover, County Executive Director of the USDA Farm Service Agency representing Indian River, Okeechobee and St. Lucie Counties asked if the citrus growers in these counties that have sustained damage from Hurricane Ian to reach out to her via email (best method) at jenny.hoover@usda.gov or phone 772-461-4546 ext#2 with the following information:

- What type of crop losses and estimates of the percentages of crop affected by Hurricane Ian?
- Were structures damaged?

Just a reminder for producers to document everything.

The Emergency Conservation Program has details forthcoming. For debris removal need to know type: woody debris greater than or less than 6" diameters, trash, erosion or sediment, structural damage in agricultural land, etc.; type of fencing; **if this is a conservation structure and is not causing an immediate threat to life and property DO NOT start the work.** Mark your damage on FSA Maps if at all possible.

Document losses with dated photographs see additional info below.

- Take photos with the date and time
- Secure debris and /or livestock and take other required immediate action to prevent further losses
- Clear access roads
- Document your time working to recover from the disaster and types of equipment used
- Keep verifiable records, with copies, of all expenses:
 - a) If bartering, keep a copy of all signed agreements with barter details and signatures of all parties
 - b) If paying in cash, keep proof of payment records with date. pay rate and payee signature

Below are links to the USDA FSA Fact Sheets for the Emergency Conservation Program https://www.fsa.usda.gov/Assets/USDA-FSA-Public/usdfiles/FactSheets/emergency-conservation-program-ecp-fact_sheet.pdf and the Tree Assistance Program (TAP) https://www.fsa.usda.gov/Assets/USDA-FSA-Public/usdfiles/FactSheets/tree_assistance_program-tap-fact_sheet.pdf.

HURRICANE IAN RECOVERY – USDA CITRUS PRODUCERS GUIDE

USDA has a publication entitled, *Hurricane Preparation and Recovery Citrus Producer Citrus Producers Guide* that is available to growers to assist in recovery after sustaining damage from hurricane impacts.

The guide focuses on:

- Long and short-term recommendations for building resilience to hurricanes in citrus groves, and nurseries.
- Damage evaluation to assist with recovery
- Horticultural recover efforts to put the trees back into production.

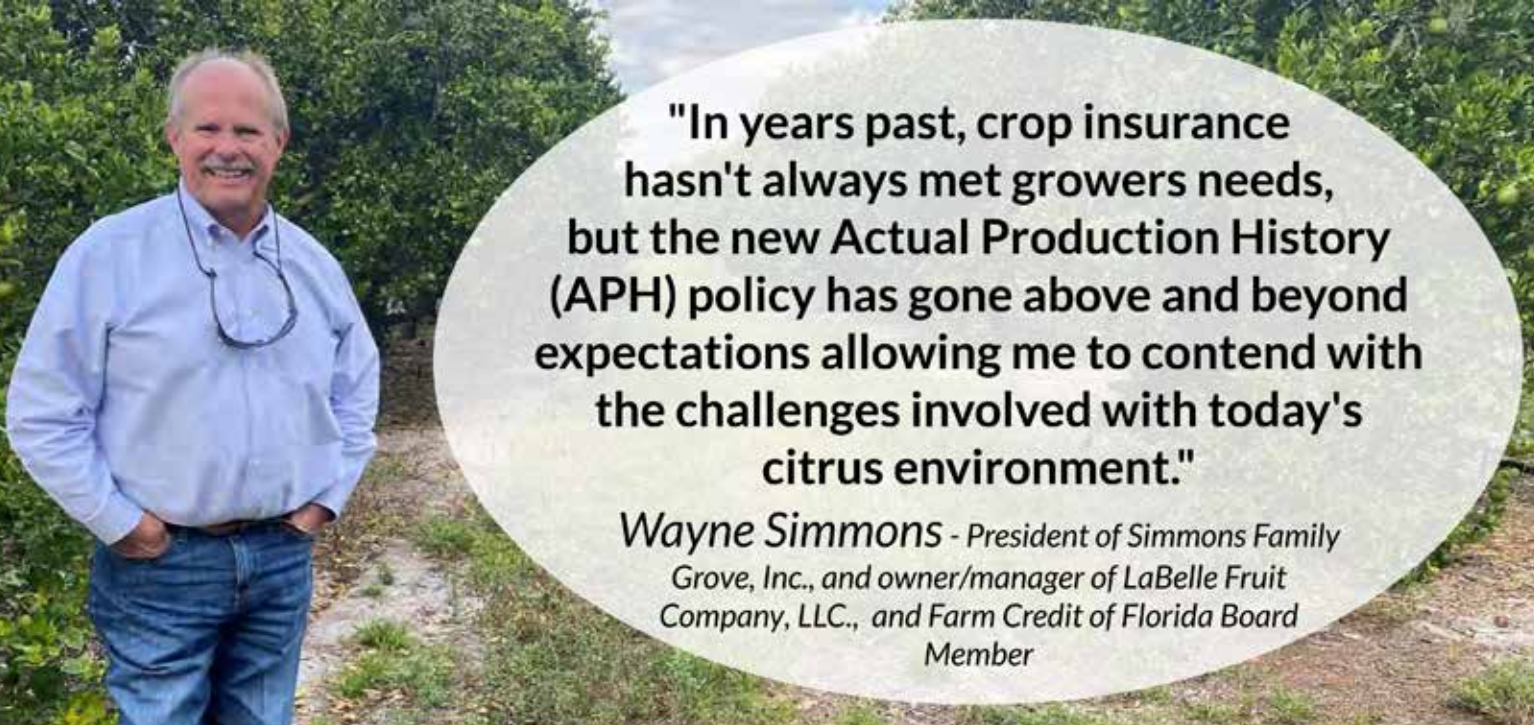
Accessing the guide is found at this link: https://www.climatehubs.usda.gov/sites/default/files/Citrus%20Producers%20Guide_SE_1.pdf

Post-Hurricane recovery is located in Section 4 of the guide.



GROWER DAMAGE ASSESSMENT SURVEY – HURRICANE IAN

We are urging growers, if they've not done so already, take a moment to complete Mutual's Damage Assessment Survey (<https://www.surveymonkey.com/r/S7CVFQL>). This information will be vital, when working with state and federal legislators and policymakers on prospective recovery assistance packages. All of the information collected will be kept confidential and only combined numbers and percentages will be shared.



"In years past, crop insurance hasn't always met growers needs, but the new Actual Production History (APH) policy has gone above and beyond expectations allowing me to contend with the challenges involved with today's citrus environment."

Wayne Simmons - President of Simmons Family Grove, Inc., and owner/manager of LaBelle Fruit Company, LLC., and Farm Credit of Florida Board Member

Don't wait! Give us a call today at (888) 290-2423 to create your personalized crop insurance plan.



Certain limitations, conditions, and exclusions apply to Farm Credit of Florida's Crop Insurance. Farm Credit of Florida is an equal opportunity provider.

UF/IFAS IRREC MILLENNIUM BLOCK DRIVE-THROUGH FIELD DAY



October 19, 2022
9 am - 12 pm

UF Indian River Research and Education Center (IRREC)

7850 Pruitt Research Road
Fort Pierce, FL 34945

Funding: CRDF project #18-037C,
IRREC, and UF/IFAS Dean of Research

For more information, please contact:

Dr. Ronald Cave at

772-577-7378 / rdcave@ufl.edu

or

Tom James at

772-468-3922 / hjames1@ufl.edu

Join the Citrus Horticulture Research team and drive inside 20 acres of large-scale active variety trials in the Millennium Block at the UF/IFAS Indian River Research and Education Center.

Identify which of the 18 grapefruit selections on 3 commercial rootstocks are best at resisting citrus psyllid and bacterium causing HLB.

Observe 3 independent rootstock trials on 3 years old 'Ray Ruby' grapefruit, 'Glenn 56-11' navel orange, and 'UF 950' mandarin.

The research team will provide information packet and direct you to specific areas of interest. Each experimental unit is formed by five trees and replicated six times throughout the trial.

We appreciate your active interest and participation in Indian River citrus research, and we hope to see you there! Please contact ahead of time for questions related to the event.

Ingredients

½ cup butter, at room temperature

1 cup sugar

2 large eggs, separated

¾ cup buttermilk

Grated zest of one pink grapefruit (about 1½ tablespoons)

½ cup freshly squeezed pink grapefruit juice

1 teaspoon vanilla extract

2 cups all-purpose flour

1½ teaspoons baking powder

1 teaspoon baking soda

¼ teaspoon salt

For the grapefruit sugar topping:

2 teaspoons pink grapefruit zest

¼ cup sugar



PINK GRAPEFRUIT BUTTERMILK MUFFINS

Instructions

Preheat the oven to 350 F.

Cream the butter and sugar in a large bowl for several minutes until light pale and fluffy. Add the egg yolks and beat until combined. Add the grapefruit juice, zest, and vanilla extract and beat until combined.

In a separate bowl, combine the flour, baking powder, baking soda and salt. A bit at a time, carefully fold the flour mixture into the batter using a rubber spatula. Add the buttermilk between flour additions. Some lumps are fine. Be careful not to over-stir.

Beat the egg whites until soft peaks form. Using a rubber spatula, carefully fold the egg whites into the batter, again being careful not to over-stir. Spoon the batter into the muffin tins about ¾ full.

Using your fingers, combine the grapefruit zest with the sugar in a small bowl. Sprinkle the grapefruit sugar on top of the muffins.

Bake for 20-25 minutes or until a toothpick inserted into the center of a muffin comes out clean.

The Daring Gourmet, www.daringgourmet.com



UPCOMING EVENTS

Treasure Coast Grown Fun Shoot January 28, 2023

Presented by the Indian River Citrus League. For additional information, please contact the League office at karen@ircitrusleague.org or 772/595-5026



GET AHEAD OF FIRE ANTS

TREAT NOW WITH EXTINGUISH® ANT BAITS

Extinguish® Professional Fire Ant Bait

- An insect growth regulator (IGR) that affects ant reproduction
- Sterilizes the queen(s)/destroys the colony
- Can be used everywhere fire ants colonize
- Economical usage rates of 1-1.5 lbs. per acre

Extinguish® Plus Fire Ant Bait

- Combination insect growth regulator and adulticide
- Sterilizes the queen(s)/kills worker ants
- Approved for non-bearing citrus trees
- Economical usage rate of 1.5 lbs. per acre



Learn more about Extinguish® fire ant baits at CentralAntControl.com or call 800.347.8272.

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100%

Natural. Premium.

Our Founded over 25 years ago, Indian River Select is a minority-owned, family-built company with Venezuelan roots.

Our family has four generations of experience with citrus juice production, and we're truly passionate about what we do. We know that delicious, high-quality juices must be properly produced and packaged to maintain their flavor. That's why we created Frescho LLC, our state-of-the-art processing and packaging facility that uses the latest technology to preserve the flavor of our not from concentrate juices.

We love supporting our local Florida citrus community. Whether you need a professional facility to help process and package your juice or a donation for an upcoming community charity event, you can count on Indian River Select.



2022-23 Fresh Fruit Trainings

TRAINING TEAM CONTACT INFORMATION

Amir Rezazadeh
amir2558@ufl.edu
772-462-1628

Mark Ritenour
ritenour@ufl.edu
772-577-7359



- Please note that the Safari browser may not work properly with the program on a desktop or mobile device. It is recommended to use desktop Google Chrome or Firefox browsers.

- You will need to be able to print, scan, and upload the sign in sheet to complete the training modules.

- The cost is \$3.00 per a person total for as many modules as they wish to complete, or a maximum of \$100 per company.

- Certificates and training kits (hand sanitizer, mask, educational materials, and more) will be sent via FedEx.

TRAININGS OFFERED IN ENGLISH AND SPANISH

Agricultural Tractor Safety		
Ladder Safety		
Worker Health, Hygiene, and Training		
Overview of Food Safety for Fresh Citrus		
Identification of Citrus Diseases in the Packinghouse		
Chemical Hazards- Packinghouse Personnel		
Worker Protection Standards- Field Crews and Harvesters		
CDC-Issued Guidance for COVID-19 in Agricultural Workplaces		



Virtual trainings can be accessed at <https://crec.ifas.ufl.edu/resources/videos-and-training/fresh-fruit-packinghouse/>

FIGHT BACK AGAINST FRUIT DROP

*KPHITE Rx supports healthy root growth
and combats HLB Citrus Greening*

KPHITE[®] Rx



KPHITE Rx is specially formulated for the citrus industry to improve tree root health and control HLB Citrus Greening. The unique formulation works systemically, delivering KPHITE Rx's proven benefits from the roots up throughout the tree.



Fully EPA registered for control of HLB Citrus Greening and backed by field research, it is proven to help reduce fruit drop, increase yield and improve disease control.

Apply KPHITE Rx "On the Ground" for Root Growth, Root Health and Phytophthora Disease Control

1-2 GPA for March, June and September applications.

Applications can be made with any standard irrigation system or with a boom application.

Phytophthora Citrus Soil Assay

Three year grove report shows excellent disease control and strong root mass.

Grove sample	Propagules/cm3 soil		Root Mass (g)
	Total <i>P. nicotianae</i>	Total <i>P. palmivora</i>	
Replication 1	0	0	0.32
Replication 2	0	0	0.57
Replication 3	0	0	0.36
Replication 4	1	0	0.97

The treatment schedule was 3 applications per year at 2 gal/acre for 3 years.

INDIAN RIVER LAGOON NATIONAL ESTUARY PROGRAM

October 1, 2022, marked the beginning of the 8th year of the IRL Council, an Independent Special District of Florida, created in 2015 to serve as the host agency for a reorganized Indian River Lagoon National Estuary Program (IRLNEP). By working together, the U.S. Environmental Protection Agency, Florida Department of Environmental Protection, St. Johns Water Management District, South Florida Water Management District, 5 counties that border the Indian River Lagoon (Volusia, Brevard, Indian River, St. Lucie, and Martin), and approximately 100 scientists and citizen volunteers who serve on IRLNEP advisory committees have transformed the IRLNEP into a successful model for lagoon-wide collaboration, cooperation and restoration action.



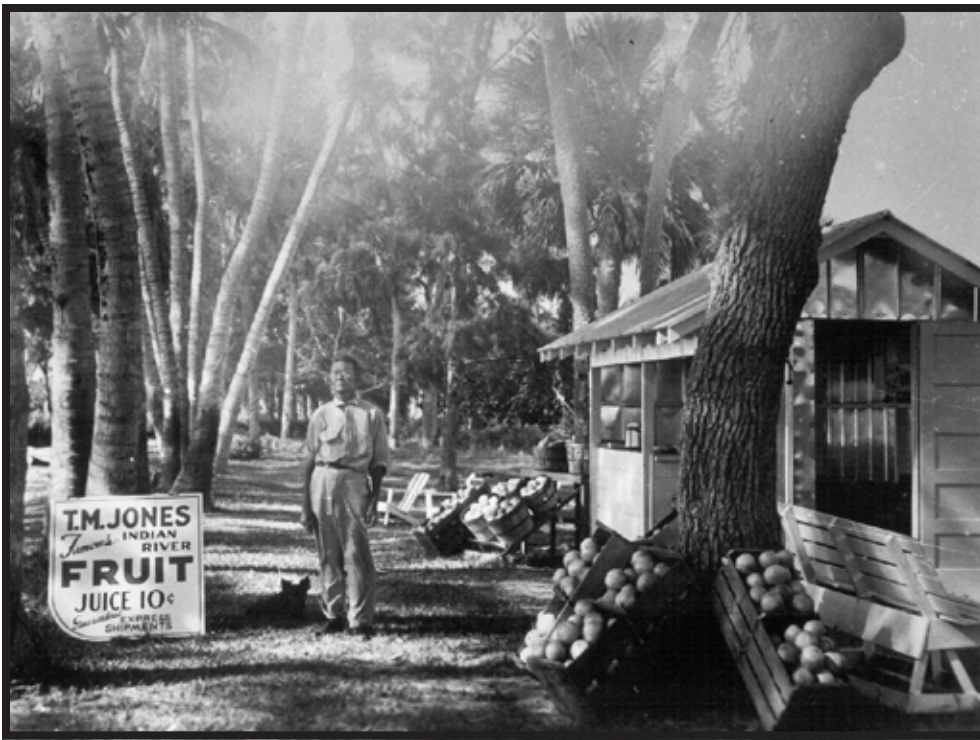
Program accomplishments in 2022 include providing local cost-share funding for over 35 projects focused on water quality improvements, habitat restoration, community engagement, and science innovation. From 2015 through 2022 the IRL Council funded 157 local projects with IRL Council investments of over \$11.8 million. One project that honors the rich and connected histories of the Indian River Lagoon and Indian River citrus industry is the Indian River County Jones' Pier Conservation Area. This 16-acre site is located along Jungle Trail on the barrier island. The project converted a fallow citrus grove into a 4-acre estuarine pond and salt marsh connected to the Lagoon. Site improvements include reconstruction of the Historic Fruit Stand, completion of a living shoreline, reconstruction of the dock and overlook, and repairs to the Cottage and Jones House to be used for education programs. The site is still in construction and not yet open to the public. You can follow project progress at: https://www.ircgov.com/departments/General_Services/Parks/Conservation/Jones_Pier.htm.

Restoration and stewardship of the Indian River Lagoon and sites like the Jones' Pier property require adequate funding. Two success stories in 2022 are related to funding. At the state level, during the 2022 legislative session, Governor Ron DeSantis and the Florida Legislature appropriated over \$79 million in legislative budget requests - a record level of funding for IRL water projects. At the federal level, the bipartisan Infrastructure Investment and Jobs Act will deliver an additional \$4.55 million to the IRLNEP over the next 5 years for IRL restoration projects. The IRLNEP has already allocated \$2.5 million of these funds to establish a seagrass nursery network at 5 sites along the IRL

to help accelerate seagrass restoration and support research. With every completed project, the IRLNEP and its many partners are making progress to restore health to the IRL and achieve the program Mission of "One Lagoon – One Community – One Voice".

You can learn more about the IRL Council and IRLNEP at <https://onelagoon.org>, or on social media at FaceBook, Twitter, Instagram and LinkedIn.





GETTING INVOLVED.

MEMBERSHIP OPPORTUNITIES

Our Associate Membership provides opportunities to network with existing customers and potential customers by providing opportunities to sponsor events scheduled throughout the year.

Their partnership with our organization is important to us.

If interested in joining our organization, please contact the League office for further details. 772-595-5026 or

ASSOCIATE MEMBERS

Active Minerals International
Aglime Sales
Agromillora
AgroSource, Inc.
Bayer CropScience
Brown International Corp.
Carden & Associates, Inc.
Carter & Associates, Inc.
Cassens Grove Service
Certis Biologicals
Chemical Dynamics, Inc.
Citrus Management Services, Inc.
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Diamond R. Fertilizer Co., Inc.
Everglades Farm Equipment
Everglades Harvesting, Inc.
Farm Credit of Florida
Florida Coast Equipment, Inc.
Florida Grower Magazine
Florida's Natural Growers
Gowan USA
Helena Chemical Company
Howard Fertilizer & Chemical Co., Inc.
Indian River Select
JBT Corporation
John L. Minton, CPA
LidoChem, Inc.
Magna-Bonn II, LLC
Mayo Fertilizer
MBV Engineering
Natalie's Orchid Island Juice Co., Inc.
Nufarm Americas
Packers of Indian River
Palmdale Oil Company
Peace River Citrus Products, Inc.
Perricone-Schirard Grove
Plant Food Systems, Inc.
Rabo AgriFinance
Saunders Real Estate
Syngenta
TradeMark Nitrogen Corporation
Tropicana Products, Inc.
Yara North America, Inc.





Advertising Opportunities

Looking for a way to reach our readers? Why not try our newsletter that reaches our grower members, packinghouses, associate members and affiliated businesses that make up the Indian River citrus growing district. Our publication schedule is September through June and is distributed electronically. Also, the newsletter is posted on our website of www.ircitrusleague.org. If interested, please call the League office at 772/595-5026 or email at info@ircitrusleague.org for more details.

Ad Copy Specifications

Fonts

- Please embed all fonts.
- Do not use artificial font formatting; all formatting (bold, italics, etc.) must be done using stylized fonts.

Logos

- When submitting logos, convert all fonts to outlines.
- Preferred format: vector eps

Color

- We print in 4-color CMYK process.
- All pantone colors must be converted to CMYK.
- Black type should be made with 100% black.

Resolution

- Resolution should be a minimum of 300 dpi at actual size.
- 72 dpi images pulled from websites are not acceptable.
- Line art should be scanned at a minimum of 600 dpi.

File Format

- PDF files and InDesign files are preferred (collected output to include layout, linked pictures, embedded pictures, color profiles, screen fonts and printer fonts).
- Other file formats accepted:
 - eps (Adobe Illustrator)
 - tif (Adobe Photoshop)
 - jpg (Adobe Photoshop)

Ad Size Specifications / Rates

• Business Card

2.833 inches across by 2 inches down
\$60/month
\$50/month w/ a monthly commitment through June

• 1/2 Page

8.5 inches across by 5.5 inches down
\$200/month
\$150/month w/ a monthly commitment through June

• Full Page

8.5 inches across by 11 inches down
\$300/month
\$225/month w/ a monthly commitment through June

• Bleed

Please allow at least 1/8" bleed.
Do not include printers marks.

- Please email all advertising materials to graphics@creativeprinting.net

ASSOCIATE MEMBERSHIP OPPORTUNITY

As an associate member, you have access to most of the League's benefits and services. Associate members gain the opportunity to network their products, services, and information with our full membership. All associate members will receive:

- Invitation to association meetings
- Subscription to our newsletter
- Access to sponsorship opportunities, which enable your business to market its services directly to our grower and other associate members (newsletter, luncheons, The Florida Citrus Show, and our annual Treasure Coast Grown fun shoot to just name a few)
- Listing on our website (www.ircitrusleague.org) and newsletter

The Indian River Citrus League, headquartered in Ft. Pierce, was established in 1931 to protect the Indian River Citrus name and growing region that stretches from Volusia to Palm Beach Counties.

The League's responsibilities have expanded from the original purpose of "protecting and enhancing the Indian River name" to include a responsibility of voicing members' opinions at all industry meetings; to all governmental agencies as well as the Florida Legislature and Congress in Washington.

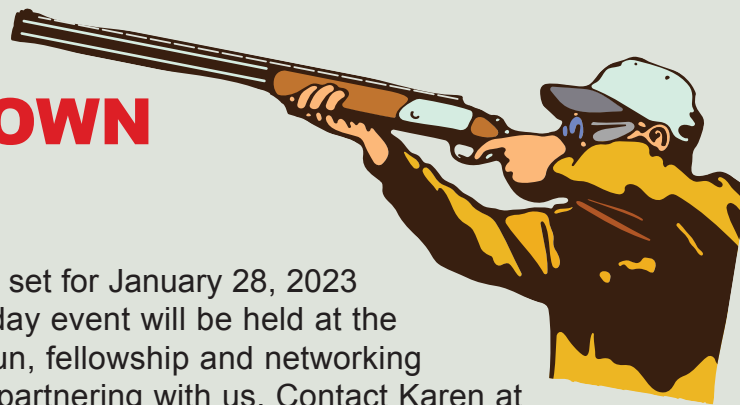
If you feel that a membership would be appropriate for your company, simply complete the attached application and return it along with your dues. Please don't hesitate to call, if you have any questions. Annual membership is \$300.

Contact:

2001 S. Rock Road
Ft. Pierce, FL 34945
772/595-5026

Save the Date!

TREASURE COAST GROWN FUN SHOOT



The annual Treasure Coast Grown Fun Shoot has been set for January 28, 2023 and is building into a must attend gathering. This one-day event will be held at the Vero Beach Clays and Shooting Sports and provides fun, fellowship and networking opportunities. It's not too soon to begin thinking about partnering with us. Contact Karen at (772-595-5026) or email (karen@ircitrusleague.org) for more details of how you can be a part of our growing event. There are various levels of sponsorship so there's something for everyone!

We are thrilled to welcome returning sponsorship commitments from:

FL Department of Citrus – Grapefruit Station Sponsor

Carden & Associates – Cart Sponsor

Everglades Farm Equipment - Shot Gun Sponsor

Florida Coast Equipment – Lunch Sponsor, Presented by Countryside Citrus

Central Life Sciences – Coffee Bar Sponsor

Natalie's Orchid Island Juice Co. – Beverage Sponsor

There's still room to add your company!