



**UNIVERSITY OF FLORIDA/IFAS  
CITRUS RESEARCH & EDUCATION  
CENTER**

700 Experiment Station Road  
Lake Alfred, FL 33850-2299

IN COOPERATION WITH

**FLORIDA CITRUS PACKERS**

**COOPERATIVE EXTENSION SERVICE  
INSTITUTE OF FOOD & AGRICULTURAL SCIENCES  
UNIVERSITY OF FLORIDA, GAINESVILLE**

**UF** | **IFAS Extension**  
UNIVERSITY of FLORIDA



Packinghouse Photos: T. Weeks, UF/IFAS Citrus REC

# FOREWORD

Welcome to the Fifty-eighth Annual Citrus Packinghouse Day! The program is focused on tackling today's problems while looking forward to future opportunities. These include an update on interstate and export regulations, the latest updates to food safety regulations and training opportunities, the potential use of nanoparticles and essential oil in fruit coatings, performance of some new fresh fruit selections using Citrus Under Protective Screen (CUPS), and then two presentations covering the potential use of plant growth regulators during production to improve postharvest fruit quality. The program will also include time for exhibitors to update participants on their latest and greatest products and services. Just before the sponsored lunch, the annual J.T. Leslie Award will be given out to this year's distinguished person who has made fantastic contributions to the industry.

Representatives from a variety of companies will be on hand to provide valuable products and information for your business. Be sure to visit their booths to check out what they have to offer in detail. An exhibitor list is provided including the names, addresses, telephone numbers, and products sold. Special thanks goes to DECCO for their long-running financial support of the fantastic lunches at Packinghouse Day and JBT is again providing the coffee and donuts. Both companies are also providing a total of \$200 in door prizes so be sure to stop by their booths and give a hearty "Thank You."

Finally, please complete and turn in an evaluation form as you go to lunch; they provide us with valuable feedback on how we can improve Packinghouse Day

*Mark A. Ritenour*  
*Program Coordinator*

A warm, inviting breakfast scene featuring a loaf of golden-brown bread, a glass of orange juice, lemons, and a small container of butter, all set on a white surface with a blue and white patterned cloth.

*good  
Morning*

**Coffee & Donuts have  
been sponsored by:**



# 58<sup>TH</sup> ANNUAL CITRUS PACKINGHOUSE DAY

UF/IFAS Citrus Research and Education Center  
Lake Alfred, FL

Monday, August 19, 2019

## ***Packinghouse Day Coordinators:***

Mark Ritenour, Ph.D. – Program Coordinator  
Michelle Danyluk, Ph.D. - Onsite Coordinator  
Yu Wang, Ph.D. - Onsite Coordinator

**8:30 AM**

**Registration**

**9:30 AM**

**Welcome and Housekeeping Items**

***Dr. Mark A. Ritenour***

Program Coordinator

UF/IFAS Indian River REC, Fort Pierce

**Welcome from the Office of FDACS Commissioner  
Nicole “Nikki” Fried**

***Mr. Dick Crockett***

North Florida Regional Director, External Affairs  
Florida Department of Agriculture and Consumer Services





**Citrus  
Packinghouse  
Day Lunch  
has been  
sponsored  
by:**

**DECCO** 

**We create postharvest solutions that preserve value**

# Update on USDA Programs Related to Fresh Citrus

***Dr. Anne Plotto***

USDA-ARS

Horticultural Research Laboratory, Fort Pierce

## Moderator and Opening Remarks

***Mr. Peter Chaires***

Executive Vice President

Florida Citrus Packers, Lakeland

## 2019 PROGRAM










10:00 AM Update on Trade Issues Related to Fresh Citrus - ***Dan Richey***, *Riverfront Groves, Inc., Gifford*



10:10 AM Overview of Citrus Fruit Export Requirements to the EU - ***Peter T. Grace***, *Acting FL CHRP Coordinator, USDA APHIS*



10:20 AM Update on Fresh Citrus Food Safety - ***Scott McClure and Leah Tapley***, *Florida Department of Agriculture and Consumer Services*; ***Travis Chapin***, *UF/IFAS Citrus REC, Lake Alfred*

-  10:30 AM Nano-emulsion Coatings and Use of Antimicrobial Ginger Essential Oil on Citrus - **Elizabeth Baldwin**, USDA-ARS Horticultural Research Laboratory, Fort Pierce
-  10:45 AM Exhibitor Updates on Their Latest Products and Services
-  11:00 AM Managing Fruit Yield and Quality Of 'Valencia', 'Sugarbelle' and 'Tango' with PGRs - **Fernando Alferez**, UF/IFAS Southwest Florida REC, Immokalee
-  11:15 AM Choosing Fresh Citrus Varieties for a CUPS Production System - **Arnold Schumann**, UF/IFAS Citrus REC, Lake Alfred
-  11:30 AM How Do We Obtain Well-Colored Tango and Vernia Fresh Fruit? - **Mark Ritenour**, UF/IFAS Indian River REC, Fort Pierce
-  11:45 AM J.T. Leslie Award Presentation - **David Milwood**
-  12:15 PM Lunch Sponsored By DECCO

Please remember to complete your evaluation!



# EXHIBITORS AND SPONSORS





## **Diagraph of Florida, Inc.**

### **d/b/a Advanced Labeling & Marking**

**Address:** 15240 NW 60th Avenue, Miami Lakes, FL 33014-2410

**Phone:** (800) 432-5130, (305) 512-0001, Fax (305) 512-9099

**Email:** [sales@advancedlabeling.com](mailto:sales@advancedlabeling.com)

**Website:** [www.advancedlabeling.com](http://www.advancedlabeling.com)

#### ***Products***

USDA approved ink jet printers, barcode and labeling equipment, custom citrus software for packer payroll and production reports, preprinted labels, barcodes, readers, inventory control. New print and apply system for citrus box marking.

#### ***Representatives***

Gary Walden ([gwalden@advancedlabeling.com](mailto:gwalden@advancedlabeling.com)) and David Bassett ([db@advancedlabeling.com](mailto:db@advancedlabeling.com))



## **BioSafe Systems**

**Address:** 33 Harbour Isle Drive West, Penthouse #5, Fort Pierce, FL 34949

**Phone:** (888) 273-3088, Fax: (860) 290-8802

**Email:** [jhuck@biosafesystems.com](mailto:jhuck@biosafesystems.com)

**Website:** <http://www.biosafesystems.com>

### ***Products***

EPA-Registered pesticides, herbicides, and post-harvest products utilizing regenerative chemistries. OMRI approved and residue-free.

### ***Representatives***

Jarod Huck, [jhuck@biosafesystems.com](mailto:jhuck@biosafesystems.com)



## **Central Florida Sales and Service, Inc.**

**Address:** P.O. Box 402, Auburndale, FL 33823

**Phone:** (863) 967-6678, Fax (863) 965-1371

**Email:** [sbrown@centralfloridasalesandservice.com](mailto:sbrown@centralfloridasalesandservice.com)

**Website:** <http://www.centralfloridasalesandservice.com>

### ***Products***

Humidifiers for citrus degreening, packing line machinery.  
Aweta electronic sizing, color sorting, pro-sort blemish  
grading.

### ***Representatives***

Marvin Brown, Danny Kniskern ([dannycfs@aol.com](mailto:dannycfs@aol.com)), and  
Stephen "Blue" Brown ([bluecfs@aol.com](mailto:bluecfs@aol.com))



## **DECCO US Post-Harvest, Inc.**

**Address:** 7316 Commercial Circle, Fort Pierce 34951

**Phone:** (772) 216-4911, Fax (352) 429-9782

**Website:** [www.deccous.com](http://www.deccous.com)

### ***Products***

Post-harvest chemicals, fruit coatings, edible coatings, fungicides, cleaners, sanitizers, organic fruit coatings.

### ***Representatives***

Kirk Mugler ([kirk.mugler@uniphos.com](mailto:kirk.mugler@uniphos.com)), Travis Seymore, Jeff Harmell, Joe Krupa, Chad Feagle, and Mohsen Sales



**FROSTPROOF**  
growers supply

## **Frostproof Growers Supply**

**Address:** 512 North Scenic Hwy, Frostproof, FL 33843

**Phone:** (863) 635-3620, Fax (863) 635-3700

**Website:** [www.frostproof.com](http://www.frostproof.com)

### ***Products***

Family owned and operated since 1990. Retail and website growers supply selling “tree wraps” plus a complete line of hand tools, mesh bags, safety and PPE equipment, first aid, fruit testing, pH testing and harvesting supplies, in addition to janitorial and cleaning products, breakroom and office supplies.

### ***Representatives***

Robert Kenny, Jr. ([rk@fpgsupply.com](mailto:rk@fpgsupply.com)), Kelly Carpenter ([kelly@frostproof.com](mailto:kelly@frostproof.com)), Yolanda Jaimes, and Ryan Kenney.





## **HDH Agri Products LLC**

**Address:** 27536 CR 561, Tavares, FL 32778

**Phone:** (352) 343-3484, Fax (352) 343-0083

**Website:** [www.hdhagriproducts.com](http://www.hdhagriproducts.com)

### ***Products***

Postharvest fruit and vegetable coatings, cleaners and fungicides. Machinery and custom design metal fabrication. Procurement of replacement parts and brushes for citrus and vegetable packing houses.

### ***Representatives***

Helen Sanders ([helen.sanders@hdhagri.com](mailto:helen.sanders@hdhagri.com)), Howard Webb ([howard.webb@hdhagri.com](mailto:howard.webb@hdhagri.com)) and Wayne Kelsey



## **Industrial Brush Corp**

**Address:** 4000 Drane Field Road, Lakeland, FL 33811-1208

**Phone:** (863) 647-5843, Fax (863) 647-5573

**Website:** [www.industrialbrush.com](http://www.industrialbrush.com)

### ***Products***

Food processing cylindrical brushes, foam rubber donuts, parts, and accessories.

### ***Representatives***

Mike Malone ([malone@industrialbrush.com](mailto:malone@industrialbrush.com)), Patrick Linn ([patrick.linn@industrialbrush.com](mailto:patrick.linn@industrialbrush.com)), Robert Meredith, and Thomas Cottam



## **JBT**

**Address:** 3206 Industrial 33rd Street, Fort Pierce, FL 34946

**Phone:** (772) 216-1687, (863) 510-1843, Fax (772) 464-0788

**Website:** <http://www.jbtcorporation.com>

### ***Products***

Protective coatings for fruits and vegetables, EPA registered pesticides and sanitizers, fresh produce and equipment cleaners, produce labeling systems, food safety software and advisory services, packinghouse equipment and aftermarket parts, food-grade lubricants, greases, and oils, patented bin scrubber system.

### ***Representatives***

David McClaskey ([david.mcclaskey@jbtc.com](mailto:david.mcclaskey@jbtc.com)), Steve Messinger ([steve.messinger@jbtc.com](mailto:steve.messinger@jbtc.com)), Woodrow Peeples ([woody.peeples@jbtc.com](mailto:woody.peeples@jbtc.com)), and Duane Wienmann



## **Liberty Agro LLC**

**Address:** P.O. Box 4531, Plant City, Florida 33563

**Phone:** (863) 287-4348, Fax (772) 464-0788

### ***Products***

We provide all agricultural growers with designed products that can be used to solve the solutions necessary for any specific issue for both the plants and soil, i.e., the environment. We offer a variety of liquids, water soluble powders, microbial and granular products for injection or foliar application. With our custom programs we can control the situation as well as a cost that is superior in the industry.

### ***Representatives***

Rick Lewis (rick4liberty@reagan.com)



# MAC PAPERS

## **Mac Papers, Inc.**

**Mailing Address:** P.O. Box 5369, Jacksonville, Florida 32247

**Address:** 3300 Philips Hwy, Jacksonville FL 32207

**Phone:** (800) 622-2968, Fax (904) 364-0200

**Website:** <http://www.macpapers.com>

## ***Products***

Corrugated trays, bulk bins, gift packs, glue, bags, tissue wraps, shrink film, twine, corner board, stretch film, labels, pallet covers, tape, clam shells, pre-cut buckle straps, strapping and tools, twist ties, rubber bands. Specialized Services: Fresh fruit and vegetable packaging solutions; Custom packaging designs and private label offerings; Gift fruit and fundraising program support; Grower, packer and processor supplies.

## ***Representatives***

Ellen Gee ([ellen.gee@macpapers.com](mailto:ellen.gee@macpapers.com) or 321-442-3725) and Gregg Johnson ([gregg.johnson@macpapers.com](mailto:gregg.johnson@macpapers.com) or (904) 378-3306)

# NOTES



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For copies of many of today's presentations, visit the University of Florida Postharvest Programs and Information website at <http://irrec.ifas.ufl.edu/postharvest/> and click on "Previous Events."



