



# **57TH ANNUAL CITRUS PACKINGHOUSE DAY AUGUST 23, 2018**

**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



# FOREWORD

Welcome to the Fifty-seventh Annual Citrus Packinghouse Day! While the industry continues to take a beating from HLB/hurricanes and we miss many of our friends and colleagues lost to closures/cutbacks, those who remain are forging a new path to survival and, ultimately, rebirth to successful times again. To support this rebirth and adjustments to ever-present challenges, scientists from the University of Florida, United States Department of Agriculture, and other research and support companies and institutions continue to search for new ways to overcome problems and to navigate changing regulations. This year's Packinghouse Day program is again packed with timely issues of great importance to the industry. These include an update on interstate and export regulations, changes to the Fast Track program for new citrus cultivars and their postharvest performance, and then two presentations covering preharvest factors affecting fruit quality. The program will include time for exhibitors to update participants on their latest and greatest products and services before an update on food safety regulations and training opportunities and an update on the use of natural colorants on fresh citrus. 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. 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*



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



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

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

Thursday, August 23, 2018

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

Mark Ritenour, Ph.D. – Program Coordinator  
Michelle Danyluk, Ph.D. – Local Arrangements Coordinator  
Yu Wang, Ph.D. – Local Arrangements 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



**UPDATE ON STATE-WIDE CITRUS PROGRAMS**

***Dr. Michael Rogers***

Center Director

Citrus Research and Education Center, Lake Alfred



**UPDATE ON USDA PROGRAMS RELATED TO FRESH CITRUS**

***Dr. Jinhe Bai***

Research Leader/Horticulturist

USDA, Horticultural Research Laboratory, Fort Pierce



**MODERATOR AND OPENING REMARKS**

***Mr. Peter Chaires***

Executive Vice President

Florida Citrus Packers, Lakeland

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



**We create postharvest solutions that preserve value**

# MORNING SESSION

- 10:00 AM  **A Review of European Union Fresh Fruit Shipping Requirements**  
*Steve Bonstedt*  
Acting Florida Citrus Health Response Program Director  
USDA, APHIS, PPQ, Fort Pierce
- 10:15 AM  **Opening up Fast Track**  
*Peter Chaires*  
Florida Citrus Packers Association, Lakeland
- 10:30 AM  **Endogenous, Environmental, and Cultural Factors Influencing Postharvest Quality in Citrus**  
*Fernando Alferez*  
UF/IFAS Southwest Florida REC, Immokalee
- 10:45 AM  **Pre-harvest Factors Affecting Fruit Quality and Consumer Preference**  
*Yu Wang*  
UF/IFAS Citrus REC, Lake Alfred
- 11:00 AM  **Exhibitor Updates on Their Latest Products and Services**
- 11:25 AM  **Food Safety Update**  
*Travis Chapin*  
UF/IFAS Citrus REC, Lake Alfred  
*Sydney Stone*  
Florida Department of Agriculture and Consumer Services
- 11:35 AM  **Update on Natural Colorants to Improve Skin Color of Fresh Citrus**  
*Jinhe Bai*  
USDA ARS Horticultural Research Laboratory, Fort Pierce
- 11:50 AM  **Postharvest Performance of Fast Track selections**  
*Mark Ritenour*  
UF/IFAS Indian River REC, Fort Pierce
- 12:00 PM  **Presentation of the John T. Lesley Award - Guest Presenter**
- 12:15 - 1:15 PM  **Lunch sponsored by DECCO** 





## **Advanced Labeling & Marking Diagraph of Florida, Inc.**

**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)) Vince Hardsaw ([vhardsaw@advancedlabeling.com](mailto:vhardsaw@advancedlabeling.com)), and David Bassett ([db@advancedlabeling.com](mailto:db@advancedlabeling.com))



## **BioSafe Systems**

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

**Phone:** 951-719-9244, Fax: 860-290-8802

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

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

### ***Products***

BioSafe Systems focus on field-to-fork protection has driven our expertise and innovation in food safety solutions from the field through packing. Our program now features SaniDate15.0, a premier treatment for human health pathogens in produce process/wash waters.

### ***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

**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), and Stephen "Blue" Brown (bluecfs@aol.com)

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

**Address:** 7316 Commercial Circle, Ft. 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), Travis Seymore, Brian Diamant, Joe Krupa, Chad Feagle, and Mohsen Sales



## **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, 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)) and Kelly Carpenter ([kelly@frostproof.com](mailto:kelly@frostproof.com))



## **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***

Rick Lewis ([rick.lewis@hdhagri.com](mailto:rick.lewis@hdhagri.com)), Helen Sanders ([helen.sanders@hdhagri.com](mailto:helen.sanders@hdhagri.com)), and Howard Webb ([howard.webb@hdhagri.com](mailto:howard.webb@hdhagri.com))

## **Highland Precision Ag**

**Address:** 590 NW 3rd Street, Mulberry, FL 33860

**Phone:** (352) 538-0224; Fax (863) 844-4285

**Email:** frankie@highlandag.com

**Website:** www.highlandprecisionag.com



### ***Products***

Highland Hub is an easy-to-use, web-based farm management application used to record and organize data across the farm; that includes spray records, food safety, scouting reports and lab results.

### ***Representatives***

Frankie Hall (frankie@highlandag.com) and Anthony Machado

## **Industrial Brush Corp**

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

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

**Website:** www.industrialbrush.com

### ***Products***

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

### ***Representatives***

Mike Malone (malone@industrialbrush.com), Patrick Linn (patrick.linn@industrialbrush.com), and Chuck Richardson (chuck@industrialbrush.com)





## **JBT**

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

**Phone:** (772) 216-1687 or (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**

Steve Messinger ([steve.messinger@jbtc.com](mailto:steve.messinger@jbtc.com)), Woodrow Peebles ([woody.peeples@jbtc.com](mailto:woody.peeples@jbtc.com)), Teo Sanchez ([teosanchez@jbtc.com](mailto:teosanchez@jbtc.com)), and David McClaskey ([david.mcclaskey@jbtc.com](mailto:david.mcclaskey@jbtc.com))



**MAC PAPERS**

## **Mac Papers, Inc.**

**Mailing Address:** PO 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**

The packaging industry is changing every day. You need the right materials, equipment, and

service to keep production lines optimized. We support a wide variety of premier suppliers and have you covered with our powerful distribution network. Our engineers and service tech will work with you to find the most efficient solution for your application. Mac Papers will use a customized approach with our team of experts to design an integrated, end-to-end solution that protects products, improves efficiency and reduces costs.

### **Representatives**

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



## **Macro Plastics, Inc.**

**Address:** 2250 Huntington Drive, Fairfield, CA 94533

**Phone:** (980) 225-6316, Fax (704) 353-7095

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



### ***Products***

Macro Plastics has a remarkable 20 year history in the agricultural market, MacroBins are specifically designed to increase efficiency and reduce waste for growers and packers. These heavy-duty containers withstand the daily pounding that harvesting containers typically receive, while carefully protecting citrus fruits.

### ***Representatives***

Mark Malatras ([mmalatras@macroplastics.com](mailto:mmalatras@macroplastics.com))

## **ProPak Software, LLC**

**Address:** 150 3rd Street SW, Winter Haven, FL 33880

**Phone:** (863) 224-0299

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



### ***Products***

Agricultural Software: crop, labor, packinghouse solutions, imagery, and analytics

### ***Representatives***

Rick Montney ([rickm@propaksoftware.com](mailto:rickm@propaksoftware.com))



# TriStrata Group

**Address:** 12685 NE Miller Road, Bainbridge  
Island, WA 98110

**Phone:** (770)855-5722

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

## Products

TriStrata's ozone systems improve food safety and reduce waste in the supply chain by continuously controlling pathogens and bacteria during food processing and distribution. We

provide an added layer of food safety protection without the health risks and environmental drawbacks associated with conventional chemicals.

## Representatives

Sara Schaak, Regional Area Manager (sschaak@tristratagroup.com)

## NOTES

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