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
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:

GOOD Morning
57TH 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:

DECCO®

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
Website: 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) Vince Hardsaw (vhardswa@advancedlabeling.com), and David Bassett (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
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)
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

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

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) and Kelly Carpenter (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

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), Helen Sanders (helen.sanders@hdhagri.com), and Howard Webb (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), Woodrow Peeples (woody.peeples@jbtc.com), Teo Sanchez (teosanchez@jbtc.com), and David McClaskey (david.mcclaskey@jbtc.com)

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, (321) 442-3725) and Gregg Johnson (gregg.johnson@mackpapers.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)

ProPak Software, LLC
Address: 150 3rd Street SW, Winter Haven, FL 33880
Phone: (863) 224-0299
Website: www.landmagic.com

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

Representatives
Rick Montney (rickm@propaksoftware.com)
TriStrata Group
Address: 12685 NE Miller Road, Bainbridge Island, WA 98110
Phone: (770)855-5722
Website: 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
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.”