

PALM FUNDAMENTALS

CEUS: ISA - 6 BCMA - 1 Mgmt/1 Prac/4 Sci
FNGLA - 4 LIAF - 4

Please mark your choice of location:

_____ **MIAMI** - Wednesday, September 26, 2018
_____ **Optional Lunch Tram Tour with Box Lunch**
MIAMI LOCATION ONLY no extra charge
_____ **LARGO** - Friday, October 5, 2018

GROUP DISCOUNT! Register 5 people, the 6th person attends FREE!

Name(s) 1 _____ 2 _____
3 _____ 4 _____
5 _____ 6 FREE _____
Member Number (to get member pricing) _____
Company _____
Address _____
City/State/Zip _____
Phone _____
Email (needed for sending a receipt and a class reminder) _____

_____ number of vegetarians

Not a member for member pricing? You can join here!

ADD a Florida Chapter membership for 1 year \$50 \$ _____
or ADD Florida Chapter + ISA membership for 1 year \$165 \$ _____

Register:

ISA Members & Guests . . \$145 each X _____ = \$ _____

(ISA Members may register up to 5 guests at the same member rate)

Non-members \$165 each X _____ = \$ _____

LATE REGISTRATION FEES begin 4 days before any seminar -

ADD \$20/person . . and CALL 941-342-0153 to register.

ALL AT-THE-DOOR REGISTRATION FEES are \$200/person.

Cancellation refunds honored if requested 7 days before each seminar.

Attendee substitutions will be honored.

Register online!	Link at:	www.floridaisa.org
Register by mail:	Checks Payable to:	Florida Chapter ISA
	Mail to:	7853 S Leewynn Court Sarasota, FL 34240 FEIN #65-0667299

Register by fax: 941-342-0463

Questions? Call: 941-342-0153

Credit Card Information: Print clearly, all information is required

Visa, MC, Discover, AMEX

Card Number _____
Expiration Date _____
Security Code (3 or 4 digits) _____
Exact name on card _____
Card billing address _____
Card billing City/State/Zip _____

FLORIDA CHAPTER ISA
7853 S LEEWYNN COURT
SARASOTA, FL 34240



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PALM FUNDAMENTALS

FLORIDA CHAPTER ISA presents...

PALM FUNDAMENTALS

MIAMI - Wednesday, September 26, 2018

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WHAT YOU WILL LEARN

- Palm ID Basics
- Identifying Common Palms in Florida
- Buying and Grading Palms
- Lethal Bronzing Diagnosis
- Possible Lethal Bronzing Control
- Palm Anatomy and Physiology
- Planting, Establishing, and Maintaining Palms in Florida

ISA
FLORIDA CHAPTER

UF UNIVERSITY of
FLORIDA
IFAS Extension

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2 LOCATIONS

MIAMI

Wednesday, September 26, 2018

FAIRCHILD TROPICAL BOTANIC GARDENS

10901 Old Cutler Road - Coral Gables, FL 33156

Venue phone: 305-667-1651

MIAMI LOCATION ONLY:

**Optional lunchtime TRAM TOUR with a box lunch is available.
YOU MUST REGISTER FOR THIS OPTION DURING REGISTRATION!**

DIRECTIONS:

- From the North take I-95 south to US 1 (S. Dixie Hwy.) Go south on US 1 to SW 42nd Ave. (LeJeune Rd.). Turn left on SW 42nd Ave., and drive south to roundabout. Enter roundabout and take 2nd right onto Old Cutler Rd. Drive 2 miles on Old Cutler Road. Fairchild entrance will be on your left.

- From the South take US 1 (S. Dixie Hwy.) north to SW 152 Street (Coral Reef Drive). Turn right, heading east on 152 Street to Old Cutler Road. Turn left onto Old Cutler Road heading north. Drive past SW 120 Street and to the intersection of SW 57 Avenue (Red Rd.) and Old Cutler Road. Turn right on to Old Cutler Road and continue north for one mile. Fairchild entrance will be on your right.

- From the Northwest of Miami take highway I-75 to highway 826. Go south on 826 to Sunset Drive. Exit at Sunset Drive east, and drive east on Sunset to its end at a roundabout. Enter the roundabout and take your 1st right on to Old Cutler Road. You will see a sign for Fairchild Tropical Botanic Garden. Drive south two miles from the roundabout to Fairchild. The entrance will be on your left.

LARGO

Friday, October 5, 2018

UF-IFAS PINELLAS COUNTY EXTENSION

12520 Ulmerton Road - Largo, FL 33774

venue phone: 727-582-2100

DIRECTIONS:

- From the North (from Tampa) on I-275 take exit 31 onto Ulmerton Rd and continue for 10-1/2 miles. Turn left onto 122 Ave N and cross 125th St to pull into the extension office parking lot. There is more parking by turning left onto 125th St and driving to the rear of the extension office.

- From the South (from St. Petersburg) on I-275 take exit 30 onto Roosevelt Blvd N/686 W and travel NW for 1 mile staying in the left 2 lanes. Merge left onto Ulmerton Rd/688 W and travel 8 miles. Turn left onto 122 Ave N and cross 125th St to pull into the extension office parking lot. There is more parking by turning left onto 125th St and driving to the rear of the extension office.

SPEAKERS

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Russell Adams has been growing palms in north Florida as a nurseryman since his arrival in 1983. He is a graduate of the University of Florida. He has collected cycad and palm seed in the Bahamas and Panama for Montgomery Botanical Center in Coral Gables. He is part of the Division of Plant Industries Palm sub-committee and helped develop the latest Grades and Standards for Palms and will be working on further revisions. Over the last 13 years, as a consultant to the Florida Department of Transportation, he has overseen the construction, establishment and maintenance of hundreds landscape projects throughout the state of Florida. Most of these projects included the planting and establishment of mature palms.

Dr. Brian Bahder, UF-IFAS Assistant Professor, specializes in insect vector ecology, specifically in vector discovery of new and emerging pathogens. These are pathogens that cause economic loss in agricultural and ornamental cropping systems. He also studies the evolutionary relationships and molecular mechanisms that determine the ability of species to transmit pathogens. His current research interests include the epidemiology of phytoplasmas infecting palms as well as other common tropical ornamental plants and their associated diseases and insect pests and developing management strategies to reduce economic losses.

Stephen Brown is the Horticulture Extension Agent with UF-IFAS Lee County Extension. His extension career has included soil science education, work with producers of cocoa and coffee products, marketing assistance to small farmers, organizing of master gardeners, professional training for arborists, pesticide applicators and landscape professionals. He has served in an extension capacity overseas and in both California and Florida. He now leads a staff of 14 providing a wide array of extension education services to professionals and the general public. Stephen has a B.S. in Soil Science and M.S. in Soil Fertility and Plant Nutrition.

**YOU CAN REGISTER ONLINE
WWW.FLORIDAISA.ORG**

*Please dress for your comfort level indoors;
we cannot always control the room temperature
to suit everyone.*

AGENDA

8:00 – 8:30 Registration (continental breakfast available)

8:30 – 9:30

Palm ID Basics and Identifying Common Palms in Florida

Stephen Brown, UF-IFAS Lee County Extension

We start our seminar with a review of palm ID basics and palm classification. This session will also teach you how to identify some of the more common palms encountered in Florida landscapes.

9:30 – 10:30

Buying and Grading Palms

Russell Adams, Target Engineering Group

Buying and grading palms is both an art and science. Russell will teach you the key components of how palms are graded using the Florida Grades & Standards system as well as how to buy them.

10:30 – 10:45 Break (bookstore open)

10:45 – Noon

Lethal Bronzing ("LB") Symptomology and Impact in Florida

Dr. Brian Bahder, UF-IFAS Fort Lauderdale REC

Lethal Bronzing ("LB" - formerly known as "TPPD") has been a scourge in Florida landscapes. Brian will tell us about some important strides his LB research has made. He will also discuss how to diagnose this fatal palm disease.

Noon – 1:00 Lunch (provided)

MIAMI LOCATION ONLY: Tram-riders grab a box lunch and walk to Tram Station. (must pre-register for TRAM TOUR)

1:00 – 1:45

The Possibilities for Control of Lethal Bronzing ("LB")

Dr. Brian Bahder, UF-IFAS Fort Lauderdale REC

In this session Brian will discuss his ideas for how Lethal Bronzing might be controlled.

1:45 – 2:45

Palm Anatomy and Physiology

Stephen Brown, UF-IFAS Lee County Extension

In this session you will learn how palms function, their basic anatomy, and how palms and woody plants are both similar and different.

2:45 – 3:00 Break (bookstore closes at end of break)

3:00 – 4:00

Planting, Establishing, and Maintaining Palms in Florida

Russell Adams, Target Engineering Group

Russell has had many years of experience planting and maintaining palms in Florida. In this session he imparts many lessons he has learned over those years so you can avoid repeating common mistakes.

4:00

Seminar ends, sign for CEUs