

2016 Roots Plus Growers Workshop

Thursday, November 3, 2016
Marshall Tree Farm
Morrison, FL

The Grades and Standards for Nursery Plants has been completely revised by a team of your colleagues. This revised version is shorter and less complicated – now with only seven steps instead of ten. Learn and begin incorporating the new Grades and Standards into your operation. The workshop will feature indoor classroom sessions and outdoor hands-on sessions in the morning and afternoon.

WHO SHOULD ATTEND:

Nursery Growers
Landscape Architects
Urban Foresters
Municipal Inspectors
Arborists
Educators
Cooperative Extension Agents



DIRECTIONS



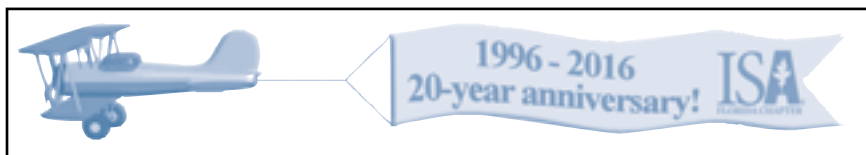
Marshall Tree Farm

17350 SE 65th Street
Morrison, FL 32668
Venue phone: 800-786-1422

Directions from I-75 in Ocala:

Travel I-75 to exit 354; go west on SR 27 approximately 7 miles to the town of Fellowship; you will pass a small green sign that says "Fellowship". When you get to the Shell gas station (on the right), turn left onto CR 464G. Go approximately 11 miles until the road ends at SR 41; turn left and go 1/4 mile; turn right onto CR 464. Marshall Tree Farm is 2 1/2 miles on your left.

Please dress for your comfort level; this is an outdoor workshop.



CEUs

CEUs: ISA - 6.5 BCMA - 6.5 (4-M, 2.5-P)
FNGLA - 4 LIAF - 4
LA - Provider #0004488, Course #0009775
6.5 (optional credits)

Grades and Standards: 2015 Update

Attendees will receive a complimentary printed copy
of the updated Grades and Standards manual.

SPEAKERS

RUSSELL ADAMS is currently a Project Manager with Sheda Ecological Associates, a Florida company which provides a variety of professional environmental consulting services ranging from large public works projects and watershed management studies to small-scale residential site development. He is a graduate from the University of Florida with a Bachelors of Science in Horticulture. He has owned the Gainesville Tree Farm since 1988. He worked for Oasis Landscaping in Gainesville and later with Jones Edmunds and Associates as a Senior Landscape Inspector overseeing the construction and establishment of nearly 100 projects for the FDOT.

TYSON EMERY is the Bureau Chief of Plant and Apiary Inspection, a Division of Plant Industry with the Florida Department of Agriculture and Consumer Services.

DR. ED GILMAN received his PhD from Rutgers and was on the faculty of the University of Florida for 30 years as professor in the Environmental Horticulture Department, retiring in June of 2016. He is author of six books on trees and landscape plants, many software programs, and web sites that have received numerous awards. Ed wrote "An Illustrated Guide to Pruning" which is in its second edition. He is a Florida Chapter ISA and Urban Forestry Council past-president. He received the Authors Citation Award in 1999, the Educators Award in 2003, and the Research Award in 2007 from the ISA for sustained excellence in research, publishing and teaching timely information on tree care. He has published more than 80 scientific peer-reviewed journal articles in his 30 years in academia and industry.

MICHAEL MARSHALL is Vice President at Marshall Tree Farm a 500 acre landscape tree farm in North Central Florida. He studied horticulture at the University of Florida and received a Bachelor of Science in Environmental Horticulture in 1994 and a Master of Science in 1997. Michael is active in the Florida Nursery Growers and Landscape Association and currently serves as the Past President of FNGLA. Michael recently completed his second term on the Board of Directors for the International Society of Arboriculture (ISA). Michael is the President of the Roots Plus Growers Association, a grower association that is dedicated to educating consumers about high quality landscape trees.

AGENDA

8:00 Registration (continental breakfast available)

INDOOR SESSIONS

8:30 - 9:15 Florida's History with the Nursery Grades & Standards for Nursery Plants - *Tyson Emery, Dr. Ed Gilman and Michael Marshall*
How the 2015 edition was developed, and a national perspective on grading nursery stock.

9:15 - 10:15 The Grades & Standards: a 7 Step Process - *Dr. Ed Gilman and Michael Marshall*

Attendees will learn the streamlined grading process from members of the committee that helped coordinate the rewriting of the Standard. It is fairly straight forward and substantially easier to use. The differences between the new and the old Standard will be clearly explained. Handouts will be used to help simplify learning.

10:15 - 10:30 BREAK (refreshments available)

OUTDOOR SESSION

10:30 - 11:30 Sample Grading Exercises - *Dr. Ed Gilman and Michael Marshall*

Using nursery trees, attendees will learn to grade trees according to the new edition of the Grades and Standards. There are no "tricks" or shortcuts, and grading can be a rapid process. Learn the details.

INDOOR SESSION

11:30 - 12:00 What's Changed: Old vs. New - *Michael Marshall*

Review updates to the entire 2015 document and interact with all attendees and speakers to decipher how the grading process has changed for the better.

12:00 - 12:45 LUNCH (provided)

INDOOR SESSION

12:45 - 1:15 Planting Specifications and Details - *Dr. Ed Gilman*

There are new planting details and specifications available on the web that incorporate the latest research and practices into a very user friendly package. Easily import details (dwg. files) into your designs. Whether you are a landscape architect downloading the dwg. files, a municipal urban forester, or other specifier of trees and planting projects using the pdf versions, you will enjoy these nationally reviewed FREE files – 78 of them! These are relevant across Florida and dwg. files can be edited by you (a first for these types of online resources)! From soils, to planting, to preservation, to irrigation, attendees will learn where to find these invaluable resources and start using them tomorrow.

OUTDOOR SESSION

1:15 - 3:15 Rotate Between 3 Outdoor Stations

- The 7 Steps in the New Grades and Standards - *Michael Marshall*

Attendees grade trees with interaction from the speaker. You will leave with a good understanding of the new streamlined grading process. You will be surprised at its simplicity.

- Inspecting and Handling Trees Upon Delivery - *Russell Adams*

Attendees learn from a contractor who has received thousands of trees on job sites. What is acceptable? How can you make the process smooth with no surprises? How can we settle disputes?

- Tree Roots and the New Standard - *Dr. Ed Gilman*

We focus on grading roots on nursery trees. What is acceptable and what is not? How can growers efficiently produce finished container and field grown trees with compliant root systems? Attendees learn to quickly grades trees for roots.

INDOOR SESSION

3:15 - 4:00 Grading Palms - *Russell Adams*

Attendees will learn how Grades and Standards for palms has changed dramatically from the last edition. The new criteria for palm grading will require designers, contractors, state and local governments and growers to reconsider their notion of what constitutes an acceptable palm or desirable palm.

4:00 SEMINAR ENDS, sign for your CEUs



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LA - Provider #0004488, Course #0009775 6.5 (optional)

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

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

ISA & RPG Members & Guests \$145 each x _____ = \$ _____
(Members may register up to 5 guests at the member rate)

Non-members **\$165** each x _____ = \$ _____

6th registration is FREE! \$0 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 \$185/person.
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Register online and save \$10! 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, MasterCard, Discover

Card Number _____

Expiration Date _____

Security Code (3 or 4 digits) _____

Exact name on card _____

Card billing address _____

Card billing City/State/Zip _____

Register on-line, via mail or via fax
(late registration begins 4 days before the workshop)

Florida Chapter ISA
7853 South Leewynn Court
Sarasota, FL 34240



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Designed for:

Growers - Installers - Landscape Architects - Landscape Inspectors - Contractors - Urban Foresters - Municipal Managers