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| IFAS EXTENSION | | Horticulture |

Growing Green • Spending Smart • Raising Families • Building Communities through Education

Commercial Landscape Horticulture Ornamentals and Turf Newsletter

January 2005



**2005 CLASS SCHEDULE &
registration is on page 3 & 4!**

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Spotted oleander caterpillar (*Empyreuma affinis*)



The entry into Bay Colony in Pelican Bay following Hurricane Charley was littered with blown over Satinleaf trees. Photo F. Kitchener

Big Wind Charley Friday August 13

Fortunately, for Collier County, Hurricane Charley primarily put a whippin' on our landscapes. I asked my advisory committee members for their observations to help evaluate future tree selection and from a design standpoint, planting and pruning practices that would minimize tree breakage and property damage. Trees we should

avoid or not go overboard with in large scale plantings. Black olive came in as one of the most commonly blown over, the species, not the 'Shady Lady' cultivar which fared pretty well. Others that were broken or blown over included: buttonwood, glaucous cassia, Hong Kong orchid, jacaranda, West Indies mahogany, *Ficus benjamina* that hadn't been crown (canopy) reduced and tabebuia (yellow & pink flowering). As urban forest managers, we need to avoid planting these types of trees especially in confined areas or shallow soils where roots can't anchor or spread out. Many of the blow overs were trees that were stuck between a sidewalk and a curb, not much root support potential there. Near the beaches, coconut palm canopies took a beating, but the cabbage palms did not look too bad. See: Dr. Ed Gilman's web site for lots more: <http://hort.ifas.ufl.edu/woody/maturetreecare/stormdamage.htm> and cabling information: <http://collier.ifas.ufl.edu/Horticulture/Commercial%20Hort04.htm>

I am interested in reports of palm and tree pruning style and associated damage from these high winds. I also question the use of

palm bud treatments to prevent secondary rot and palmetto weevil invasion of storm damaged palms. The benefits of these treatments have not been scientifically proven. Palmetto weevil doesn't (or very rarely) attack coconut palms according to U.F. researcher, Dr. Robin Giblin-Davis.

Future of Atrazine

Regarding the fate of Atrazine for the green industry. Atrazine on turfgrass will not be lost...yet. There will be changes on the label. All atrazine products with greater than 4% active ingredient (a.i.) will be restricted use. This means the small container liquid products with up to 43% a.i. currently available to residential users will no longer be available to them after supplies are exhausted. Commercial applicators (lawn care applicators) will have additional PPE requirements for the handler. Occupational exposure risk was identified as a reason for the changes. There will be a limit on the number of applications and total amount applied per season for liquid formulations. Granular products will need to be watered in. For the residential risk assessment the risk identified was for children who may play on the lawn before the sprays have dried. So applicators will need to continue to inform customers to keep children and pets off grass until dry. For atrazine products that are currently classified as restricted use (RUP), these changes are supposed to be effective by Nov. 15, 2004. Some products may be out as early as Oct. 5. EPA is requiring the RUP products on dealer shelves to be sticker labeled and to have supplemental labels with the new requirements.

Palm Lethal Yellowing Disease (PLY) is still active in the downtown and north Naples areas and Isles of Capri. In August, Marco Island implemented a suppression ordinance. Since then, 2 coconut palms have been confirmed to have the disease, one on Scott Dr. and the other off N. Barfield. Report suspicious PLY palms on Marco Island to the Environmental Specialist, Nancy Richie (389-5003). Please report suspicious palms that are in the county, but are outside of the city limits, to me. Inside the city limits, report



Screwpine or Pandanus is also susceptible to palm lethal yellowing disease. This plant was lab confirmed to be infected and removed.

palms to Joe Boscaglia, 213-7123. Please don't call if it is a queen palm, as this is one disease they do not get! And if the coconut still has fruit I don't usually consider it a high probability of being infected. For pictures of LY symptoms see:

<http://collier.ifas.ufl.edu/Horticulture/LethalYellowing2003.htm>.

Doug's Bugs and Pests

Some new pests that have been observed include *Mylocherus undatus* or the Sri Lanka weevil. This day feeding weevil adult does a lot of chewing on a broad range of hosts including: Duranta, hibiscus, crape myrtle, citrus, loquat, and tropical almond. Damage potential of the larval stage is not known at this time. See more info including tips on how to distinguish this species from similar looking weevils at: <http://www.doacs.state.fl.us/pi/enpp/ento/weevil-pest-alert.htm>



2005 Classes at the Extension Office :

Registration form is also on- line at:

<http://collier.ifas.ufl.edu/Horticulture/Commercial%20Hort04.htm>

Classes will be held in the Collier County University of Florida Extension Education and Training Center at 14700 Immokalee Road; Naples, Florida. To attend you must register (see enclosed Registration Form) and have your check in **3 days before** the class, **no refunds**. Please call (239) 353-4244, if any questions. FAX, 239-353-7127.

Pre-registration is required for each class! Make a COPY of this page and the registration & mail a COPY of both pages to us.

Pesticide Training.

- \$15 Friday February 11 from 1 to 5 PM.** , 4 CEU's (includes 2 general standards or core CEU's). O&T and L&O and Limited Commercial Landscape and Limited Governmental & Private, L&O card-holder training, private applicator core.
- \$15 Thursday, March 3 from 1:00 to 5:00 PM.**
ORNAMENTAL & TURF Test Preparation for individuals who apply or supervise the application of restricted use pesticides at county and city parks, golf courses and cemeteries. No CEU's due to specific nature of this training.

4 Limited Commercial Landscape ("Roundup") Certificate Trainings. Lunch is provided.

The test application forms will be reviewed each Wednesday before the Thursday class. Call Bureau of Entomology and Pest Control office to get the test application packets, 850-921-4177 or call us as we have some packets. These packets have insurance & employment verification forms that must be done before taking the test, so get them early, ASAP if you want to take the test on Thursday. The test may be taken later, within one year of taking the class. CEU's offered **only** for current LCLSC "Roundup" certificate holders.

2 English sessions:

- \$25 Thursday, March 24** test application papers reviewed; class & optional test are on Friday March 25 (7:30 AM to 6:30 PM).
- \$25 A second session** will be held Wed. **September 21** (forms reviewed) **and** the 8 hour class & optional test are on Thursday Sept. 22 (7:30 AM to 6:30 PM).

2 Spanish sessions:

If you have any questions please call our Extension Hispanic Educator, Cesar Asuaje in the Palm Beach County University of Florida at

- \$25 April 27 & 28** application papers reviewed Wednesday April 27 **and** the 8 hour class & optional test are on Thursday, April 28(7:30 AM to 6:30 PM).
- \$25 A second session** will be held on **August 31 & Sept. 1, 2005**. Test application forms reviewed on Wednesday August 31 and the class and optional test are on Thursday September 1 (7:30 AM to 6:30 PM).

Future Landscape Classes on pruning, fertilizing and plant ID will be sent out in flyers and also posted on our web site.

Don't forget to put Ed Gilman's class on your 2005 calendar:

- \$25** Friday November 18, 2005 from 9 AM to 4PM
PROPER PRUNING & SITE DESIGN AND SELECTING, PLANTING AND MAINTAINING TREES. Internationally recognized expert, the gator-guru, **Dr. Ed Gilman** will be teaching! Landscape architects and urban foresters, county designers, homeowners are welcome. Cost is \$25 and includes lunch. CEUs (6) for FNGLA and ISA approved.

For an individual participant, check which training session(s) you want to attend and complete the requested information below (**PLEASE PRINT**).

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**REGISTRATION FORM**

**For group participation,** please submit a **separate registration** form for **each** training session. This will make it easier for us to track who wants which class! Check which training session you want and complete the requested information below . **Please print!**

**PARTICIPANT NAME** \_\_\_\_\_  
**COMPANY NAME (if applicable)** \_\_\_\_\_  
**COMPANY ADDRESS** \_\_\_\_\_  
CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP CODE \_\_\_\_\_  
**BUSINESS/CELL PHONE** \_\_\_\_\_ **E-MAIL** \_\_\_\_\_

**Names of additional participants:**

\_\_\_\_\_  
\_\_\_\_\_

**TOTAL # of participants:** \_\_\_\_\_ **TOTAL \$ fee(s) enclosed:** \_\_\_\_\_

Please make check payable to: **Collier County Overall Extension**  
MAIL to: Pesticide Training,  
Collier County Extension, 14700 Immokalee Road, Naples, FL 34120-1468

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To earn CEU's online or order do-it-at-home diskettes for O&T CEU's try:
For **2 CEU's general standards (core)** <http://kqioeli.ifas.ufl.edu/environment.htm> **and**
lots of categories and CEU's here: <http://pests.ifas.ufl.edu/software/FL-ceu.htm>

☞ We also have a CD from Dr. John Alleyne with U.F. Pinellas County Extension that has been approved for CEU's and the entire 8 hour Limited Commercial Landscape class requirement. This CD is a do-it yourselfer, but has to be done at the extension office. Call Doug for details.

☞ Find out who has their pesticide certificates and where classes are being offered around the state: <http://www.safepesticideuse.com/safety/default.htm>
Check out our new and improving web site for hot links, future training classes and locally tweaked commercial horticulture fact sheets: <http://collier.ifas.ufl.edu/>

Doug's Bugs and Pests: (continued)



Adults of some common turf attacking grubs are (left to right): Sugarcane beetle, *Tomarus subtropicus*, southern masked chafer, *Cyclocephala immaculata* and a May-June beetle, *Phyllophaga latifrons*. Watching for adult emergence will help you time pesticide applications in areas where damage has occurred in the past.

See: <http://edis.ifas.ufl.edu/LH037>



If you see thinning grass, take a closer look for a relatively recent invader, an armored scale *Duplacionaspis divergens*, which prefers wet and shady areas of the turf. Photo by R. Harris, TG-CL (note the rust disease, too!). Damage potential is not known.

Safari™ registered for cycad aulacaspis scale control!



SOS!...Save our sagos as well as avoid eyesores like these caused by aulacaspis scale !

The new systemic, dinotefuran, from Valent USA Corp. was approved in December by the Florida Department of Agriculture. Product should be available in early 2005. It will be a 20 SG (soluble granule) formulation in a 3 gallon container.



This may be a 2-shot "silver bullet" if it works as good as it did in my trial. Soil drenches in early May and late September should nearly "nuke" this killer scale. Cost should be comparative to Merit® (imidacloprid) insecticide.

☛ **Finally,** see <http://spdn.ifas.ufl.edu> for info on SOD- sudden oak death disease updates.

Alliance of Horticulture Professionals A group that is specifically composed of Limited Commercial Landscape pesticide certificate holders. 1-877-826-9818 maureenh@allhortpros.com or bobk@allhortpros.com .

To become a Florida Certified Landscape Professional or Landscape Contractor or Technician contact: **FNGLA: Florida Nursery, Growers and Landscape Association**, call the local Royal Palm Chapter at 941-574-2214 see, info@fnga.org ; <http://www.fnga.org>

FTGA: Florida Turfgrass Association, call 407-856-5767 or 800-882-6721; turf@ftga.org; <http://www.ftga.org>

FGCSA: Florida Golf Course Superintendents Association, call 941/ 261.1958 awbakos@mindspring.com; <http://www.evergladesgcsa.com/home/home.htm> and <http://www.floridagcsa.com/>

ISA: Become a Certified Arborist: Florida Chapter ISA at (941) 342-0153, floridaisa@aol.com, <http://www.floridaisa.org>.

LMA: Landscape Maintenance Association, call 941-747-6851; Raylena Cather is the President (727-573-5284; richclcs@aol.com). You can also send e-mail to Tom Burish, Executive Director, at lmflorida@aol.com; www.floridalma.org

PLCAA: Professional Lawn Care Association of America, 800-458-3466, plcaa@plcaa.org; www.plcaa.org

2005 REMINDER: Southwest Florida Home and Garden Show on October 29 & 30, at the Collier County Extension Horticulture Learning Center Gardens, 14700 Immokalee Rd., Naples.