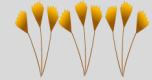


LEE COUNTY

MOSQUITO/HYACINTH CONTROL DISTRICTS



September, 2015



September 10th: 4:45 pm Evening Board Mtg.

September 17th: 4:45 pm Evening Board Mtg.

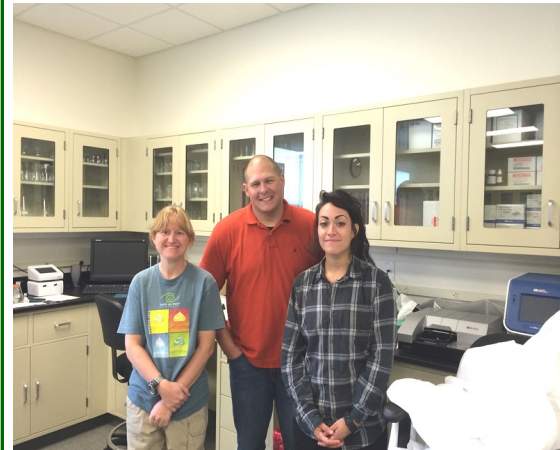
September 29th: All Supervisors' Meeting 2:30 pm

September 30th: Safety Meeting 7:30 am, Bailey Bldg.

As we end up our fiscal year, "Bids" for our products are now on our official website as of August 19, 2015. A big thank you to Lynn Schiegner for coordinating this project and another big thank you to Shelly Redovan who entered all of the info onto our web site: www.lcmcd.org. The "Bids" will be accepted until October 16 at 1 pm at our districts.

Hyacinth Control got off to an early start with our season and surprisingly enough; the most troublesome plant species has been spatterdock (*Nuphar advena*). This aquatic macrophyte is a beneficial indigenous water lily that is aesthetically pleasing and has an abundance of positive attributes associated with it. This aquatic plant provides an excellent foraging habitat for waterfowl; also it is utilized as desired structural environment for the recruitment of juvenile fish species and acts as a superb filter for nutrient uptake from the benthic hydrosol. Unfortunately though, it does have some tendencies to be invasive when conditions are favorable for it to grow at an excessive rate. Our District has been called to help control spatterdock throughout the counties public waterways such as Lakes Park, the Cape Coral canal system and Rutenberg Park. Hyacinth Control has had some relative success with systematic aquatic treatments with emphasis implied upon control, not eradication.

Residents, once informed of the benefits associated with this species are less reluctant for it to be eliminated. Education is our best tool to help illustrate how and why the District performs an intricate role for our aquatic plant management program. Look forward to next month's informative newsletter on efforts to control muskgrass (*Chara spp.*) another endemic macrophyte prevalent through out region.



Pictured above are three (3) Navy Entomologists who are visiting us and observing our procedures/techniques for all phases of mosquito control.

Lt. Wendy Helmey-Hartman

HM1 Casey Clark

HM3 Stephanie Solache

August, 2015 was a record-setting month for service requests for mosquito control through the switchboard.

Thanks to Linda and Deborah for their "back-up help" taking overflow calls!

2015 Field Activity

ACRES TREATED	GROUND ADULTICIDING	AERIAL ADULTICIDING	GROUND LARVICIDING	AERIAL LARVICIDING	SERVICE REQUESTS
January	7,697.7	0.0	15.3	0.0	72.0
February	0.0	0.0	8.9	127.1	25.0
March	12,718.4	0.0	11.4	862.4	121.0
April	15,206.4	0.0	11.5	570.2	119.0
May	27,582.1	0.0	64.4	9,255.8	240.0
June	126,786.4	106,848.6	190.1	9,695.7	666.0
July	134,791.8	376,448.7	280.0	9,525.6	445.0
August	136,135.1	571,385.1	263.1	3,029.2	2,098.0
September					
October					
November					
December					
Y-T-D Totals					

The 98th meeting of the Florida Entomological Society occurred in Ft. Myers this month. The meeting was held at the Sanibel Harbour Marriott. Why is this news? On Tuesday, August 4th, a session entitled "Mosquito Control in Florida" was held. It was organized by Dr. Rui-De Xue, Director of Anastasia Mosquito Control District of St. Johns County. In this session, Adriane Tambasco of DACS gave over-views of mosquito programs in Florida. Mark Latham, Director of Manatee Mosquito Control District discussed and talked about aerial applications to control mosquitoes in Florida. An over-view of Lee County's Program was covered by Executive Director T. Wayne Gale along with coverage of our disease surveillance program by Jim Burgess.

Neil Wilkinson also was present and did a great job of describing Lee County's Comprehensive Education Outreach Program. Trapping studies of Florida Tabanidae was covered by Dan Kline of USDA and our session ended with a discussion about a new smart mosquito counter and ID device.

Florida Mosquito Control Association is proud to announce the 2016 Personnel Exchange Program with Australia. Much of Florida and Australia have similarities in their mosquito control problems and programs. Because of these similarities, there are benefits in facilitating an exchange of information and experience between these two countries by allowing appropriate personnel to participate in a short-term overseas program. This program was initially developed in 1993 first allowing several Australians to participate in this fashion in Florida mosquito control programs. In the 1990s. Several Florida mosquito control employees traveled to Australia as part of this program as well.

For 2016, the Florida Mosquito Control Association has budgeted up to \$4000 to support this program for operational level employees.



Michael Thomas & Kara Tyler-Julian trimming Beautiful Island's landing zone. Photo taken by Rita.



Rachel Morreale and Mike Nichols laid out the procedures for helicopter swath- path droplet testing for our visiting Navy Entomologists.