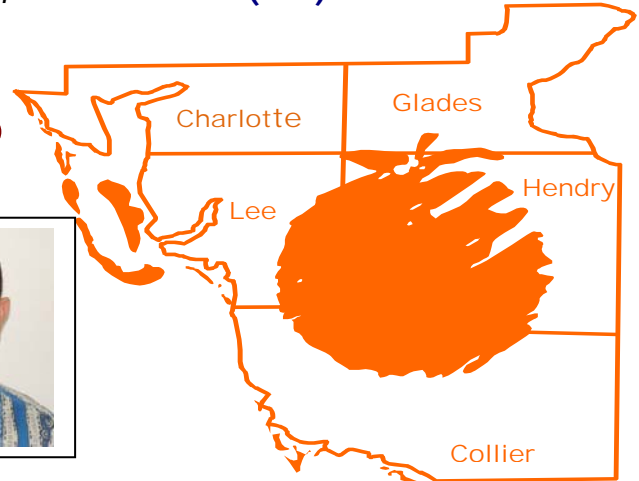


Flatwoods Citrus



Vol. 17, No. 10

October 2014

Dr. Mongi Zekri
Multi-County Citrus Agent, SW Florida



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Previous issues of the Flatwoods Citrus newsletter can be found at:

<http://citrusagents.ifas.ufl.edu/agents/zekri/index.htm>

<http://irrec.ifas.ufl.edu/flcitrus/>

I M P O R T A N T E V E N T S

UF/IFAS Citrus Field Day-Immokalee IFAS Center

Date & time: Thursday, October 30, 2014, **9:00 AM – 12:00 Noon**

Location: UF-IFAS Southwest Florida Research and Education Center, Immokalee

Program Coordinators: Mongi Zekri and Julie Carson

Sponsor: Frank Miele, Magna-Bon

Field Day Agenda

9:00 AM

Visit field trials:

1. Rehabilitation of HLB trees with pruning and nutritional treatments (Dr. Bob Rouse)
2. Field trial to evaluate citrus canker and nutritional treatments on young grapefruit trees (Dr. Pam Roberts)
3. Five-year-old HLB trees receiving commercially available nutrition treatments (Dr. Rouse)
4. Young rootstock trials (Dr. Rouse)
5. HLB Hamlin trees after seven years of Boyd nutritional treatments (Dr. Rouse)
6. UV reflective mulch and compost for HLB protection and rapid growth of young citrus trees (Dr. Phil Stansly, Dr. Monica Ozores-Hampton, Dr. Kelly Morgan and Scott Croxton)

11:15 AM

Break

11:30 AM

Economics of HLB management (Dr. Fritz Roka)

12:00 PM

Lunch

2 CEUs for Certified Crop Advisors (CCAs)

2 CEUs for Pesticide License Renewal

Pre-registration is required. No registration fee and lunch is free Thanks to **Frank Miele** with **Magna-Bon**. To reserve a seat, call 863 674 4092, or send an e-mail to Dr. Mongi Zekri at: maz@ufl.edu

2015 International Research Conference on Huanglongbing (HLB)

Mark your calendar and plan to attend the 4th International Research Conference on HLB
in Orlando, Florida USA
February 9-13, 2015

Visit the IRCHLB website for more information - [Click here for IRCHLB website](http://flicitrusmutual.com/hlb-conference/register.aspx)
<http://flicitrusmutual.com/hlb-conference/register.aspx>



Annual Certified Pile Burners Course in SW Florida

Registration fee: \$50

The \$50 fee covers the training sessions, a booklet with all the presentations in color, other handouts, refreshments, and lunch

Pre-registration is required to attend, and class size is limited to the first 50 people.

PRE-REGISTRATION WILL NOT BE ACCEPTED WITHOUT PAYMENT OF THE REGISTRATION FEE

Date & time: Thursday, 5 February 2015, 7:30 AM – 4:30 PM.

Location: Immokalee IFAS Center

The Florida Division of Forestry and University of Florida Cooperative Extension Service will be conducting a Certified Pile Burners Course that will show you how to burn piles ***legally, safely and efficiently.***

Information on registration and detailed information are available in this newsletter issue and online: <http://www.freshfromflorida.com/Divisions-Offices/Florida-Forest-Service/Education/For-the-Community/Withlacoochee-Training-Center-WTC/Class-Schedule>



Special Thanks to sponsors of the "Flatwoods Citrus" newsletter for their generous contribution and support. If you would like to be among them, please contact me at 863 674 4092 or maz@ufl.edu



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EL NIÑO/SOUTHERN OSCILLATION (ENSO) DIAGNOSTIC DISCUSSION

issued by

**CLIMATE PREDICTION CENTER/NCEP/NWS
and the International Research Institute for Climate and Society**

9 October 2014

ENSO Alert System Status: **El Niño Watch**

Synopsis: El Niño is favored to begin in the next 1-2 months and last into the Northern Hemisphere spring 2015.

During September 2014, above-average sea surface temperatures (SST) continued across much of the equatorial Pacific. The weekly Niño indices were relatively unchanged from the beginning of the month, with values ranging from +0.3°C (Niño-3.4) to +1.1°C (Niño-1+2) at the end of the month. The change in subsurface heat content anomalies (averaged between 180°-100°W) was also minimal due to the persistence of above-average temperatures at depth across the central and eastern Pacific. Equatorial low-level winds were largely near average for the month, though brief periods of westerly wind anomalies continue to arise. Upper-level winds were also close to average for the month. The Southern Oscillation Index has remained negative, and rainfall was near average around the Date Line, with a mix of positive and negative anomalies over Indonesia and Papua New Guinea. The lack of coherent atmospheric and oceanic features indicates the continuation of ENSO-neutral.

Most models predict El Niño to develop during October-December 2014 and to continue into early 2015. The consensus of forecasters indicates a 2-in-3 chance of El Niño during the November 2014 - January 2015 season. This El Niño will likely remain weak (3-month values of the Niño-3.4 index between 0.5°C and 0.9°C) throughout its duration. In summary, El Niño is favored to begin in the next 1-2 months and last into the Northern Hemisphere spring 2015 (click [CPC/IRI consensus forecast](#) for the chance of each outcome).

This discussion is a consolidated effort of the National Oceanic and Atmospheric Administration (NOAA), NOAA's National Weather Service, and their funded institutions. Oceanic and atmospheric conditions are updated weekly on the Climate Prediction Center web site ([El Niño/La Niña Current Conditions and Expert Discussions](#)). Forecasts are also updated monthly in the [Forecast Forum](#) of CPC's Climate Diagnostics Bulletin. Additional perspectives and analysis are also available in an [ENSO blog](#). The next ENSO Diagnostics Discussion is scheduled for 6 November 2014. To receive an e-mail notification when the monthly ENSO Diagnostic Discussions are released, please send an e-mail message to: ncep.list.enso-update@noaa.gov.

Climate Prediction Center
National Centers for Environmental Prediction
NOAA/National Weather Service
College Park, MD 20740

WATER WATCH

Keeping an Eye on Water Resources

District-Wide Conditions for September 19, 2014

The South Florida Water Management District (SFWMD) is issuing the following briefing:

Rainfall was widespread across the entire District during the past 7 days. Heavy rains are expected today, with a prediction of more than an inch District-wide. Overall, water levels continue to rise due to daily showers and thunderstorms.

Late August through October is generally characterized by highly variable rainfall mainly as a result of tropical activity and cold fronts.

Water Levels in Key Locations (September 19)		
Location	Today's level	Water Supply Floor
WCA-1	16.96 feet	14.00 feet
WCA-2A	13.75 feet	10.50 feet
WCA-3A	10.42 feet	7.50 feet

Water Conservation

- South Florida is under the District's Year-Round Landscape Irrigation Rule that limits residential and business landscape irrigation to two or three days per week.
 - To determine watering days and times in your area, contact your local government or visit www.sfwmd.gov/2days.
- Permitted water users such as nurseries, agriculture, golf courses and utilities can find water use conditions in their permits online at www.sfwmd.gov/ePermitting.
- For tips and information about water conservation, visit www.savewaterfl.com.

Lake Okeechobee Operations

- The U.S. Army Corps of Engineers manages Lake Okeechobee water levels based on its regulation schedule and the best available science and data provided by its staff and a variety of partners, including SFWMD.
 - SFWMD makes an operational recommendation each week based on conditions. The most recent Operational Position Statement is available at www.sfwmd.gov/opsreports.

Lake Okeechobee Levels	
Today (Sept. 19)	14.61 feet
Historical Average for Today	14.62 feet
This Date One Year Ago	15.61 feet

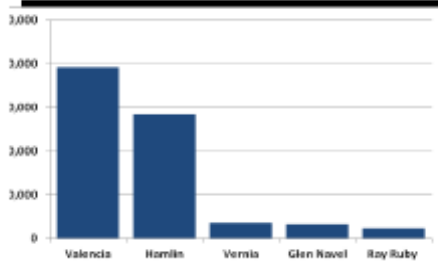
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Media inquiries can be directed to:

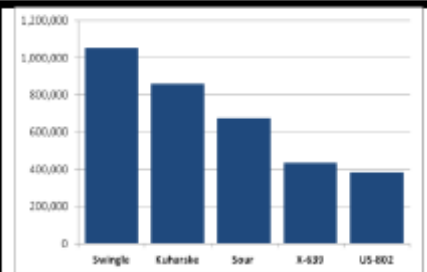
Gabe Margasak

South Florida Water Management District

Office: (561) 682-2800 or Cell: (561) 670-1245



2014 Most Popular Cultivars



Top 20 Varieties

Rank	Variety	Propagations
1	Valencia	1,957,583
2	Hamlin	1,422,838
3	Vernia	173,188
4	Glen Navel	153,274
5	Ray Ruby Grapefruit	117,717
6	Midsweet	90,322
7	Cara Cara Navel	62,304
8	Ruby Red Grapefruit	56,957
9	US Early Pride	56,676
10	Orri Mandarin	49,147
11	Tango	43,345
12	Minneola Tangelo	42,780
13	Sunburst	38,850
14	Murcott	35,482
15	Persian Lime	27,244
16	Meyer Lemon	27,218
17	Valencia Rohde Red	23,972
18	Flame Grapefruit	18,870
19	Hirado Buntan	18,375
20	Summerfield Navel	16,201

Top 20 Clones

Rank	Clone	Propagations
1	Hamlin 4-1	1,253,755
2	Valencia 14-19	1,244,849
3	Valencia 55-4	367,592
4	Valencia 14-31	313,702
5	Vernia 15	169,164
6	Glen Navel 11	152,459
7	Ray Ruby Gft	117,717
8	Hamlin 8-5	95,191
9	Midsweet	90,302
10	Hamlin 8-4	69,286
11	Cara Cara Navel	62,304
12	Ruby Red Gft	56,957
13	Early Pride ®(NV)	56,676
14	Orri ®(ISR)	49,147
15	Tango ®(NV)	43,345
16	Minneola	42,780
17	Sunburst	38,850
18	Murcott	35,482
19	Persian Lime	27,244
20	Meyer Le	27,218

Top 20 Rootstocks

Rank	Rootstock	Propagations
1	Swingle	1,052,152
2	Kuharske	860,228
3	Sour Orange	675,928
4	X-639	434,530
5	US-802	384,342
6	US-812	289,234
7	US-897	263,589
8	Cleopatra	177,742
9	Carrizo	171,593
10	Volkamer	81,646
11	US-942	74,516
12	C-35 Citrange	61,867
13	Research Stock	30,670
14	Unknown	29,436
15	Rough Lemon	27,553
16	Kinkoji	22,701
17	Flying Dragon	19,159
18	Pon trifoliata	12,769
19	Sun Chu Sha	10,110
20	UF-2	3,899

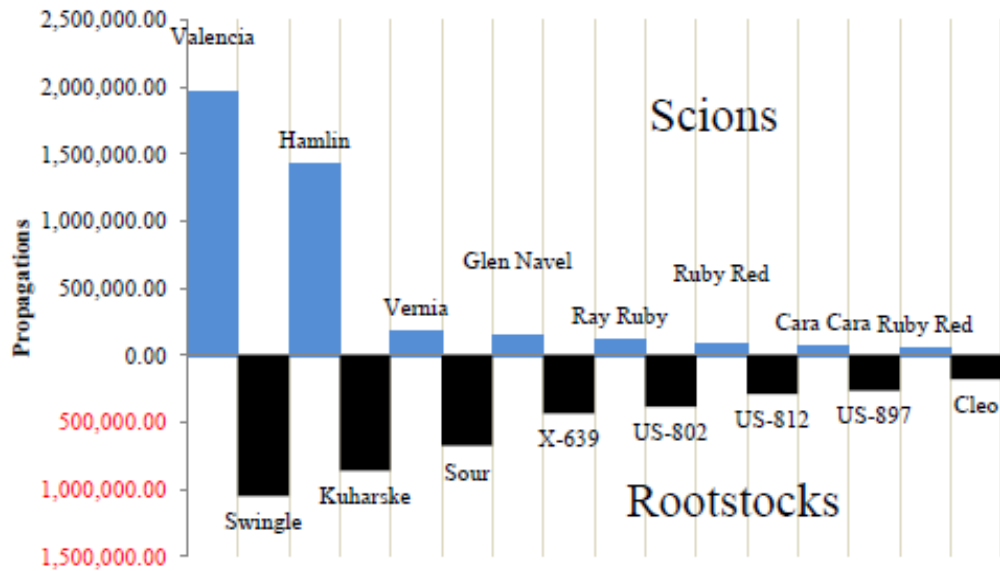
Dooryard Citrus Varieties

4 nurseries reported making dooryard propagations

The 124,157 dooryard propagations reported represent 2.6% of total nursery propagations. Other nurseries are propagating obvious dooryard varieties, but reporting the propagations as commercial. In those cases the propagations are not listed below, but they are tallied as commercial.

Salad Tree	15,920	Calamondin	2,268	Valencia Rohde	200	Earlygold	30
Summerfield	13,944	Dancy Tangerine	1,722	Finger Lime Giant	200	Nules Clementine	24
Meyer Lemon	9,942	Ponkan	1,606	Xie Shan Satsuma	150	Nova	24
Minneola	7,303	Red Lime	1,557	Changsha	122	Yuzu	18
Cara Cara	6,178	Sanguinelli Sweet	1,522	Hirado Buntan	110	Kishu Seedless	12
Ray Ruby	5,440	Ponderosa Lemon	1,512	Lee	100	Ichang Lemon	11
Meiwa	5,143	Eureka Lemon	1,512	Wekiwa Tangelo	54	Bud Blood Orange	10
Persian Lime	4,956	Ortanique	1,512	Sugar Belle	50	Tarocco Blood Orange	10
Hamlin	4,904	Centennial Var	1,512	Rangpur Lime	49	Marsh Grapefruit	10
Valencia	4,776	W Murcott	1,512	Robinson	44	Duncan Grapefruit	10
Sunburst	4,656	Long Fruit	1,512	Page	42	Thomasville	6
Owari Satsuma	4,656	Temple	856	Orlando Tangelo	42	Marumi Kumquat	6
Ruby Red	3,944	Ambersweet	846	Harvey Lemon	38	Nansho Daidai Orange	5
Lakeland	3,900	Glen Owari	704	Parson Brown	36	Sour Orange	5
Kaffir Lime	3,279	Glen Navel	355	Flame Grapefruit	36		
Key Lime	3,024	Marisol	200	Ugli Tangelo	30		
							Total 124,127

Top Scions and Rootstocks



Rootstock Use Percent by Citrus Type

	Grapefruit	Kumquat	Lemon	Lime	Mandarin	Pummelo	Sweet	Other
Carrizo	1.5	0.0	0.0	0.0	0.1	0.2	4.2	3.6
C-35	0.0	0.0	0.0	0.0	1.1	0.0	1.4	3.9
Cleopatra	0.1	3.8	0.6	0.1	14.3	0.2	3.1	0.1
Kinkoji	0.0	6.6	0.0	0.0	1.8	19.4	0.1	10.9
Kuharske	1.6	31.3	24.4	37.0	6.7	4.8	20.2	8.6
Rough Lemon	0.1	0.0	0.7	1.0	0.2	1.2	0.6	0.0
Sour Orange	83.2	8.1	12.9	17.4	25.2	12.8	9.0	42.2
Sun Chu Sha	0.0	0.0	0.0	0.0	0.3	0.0	0.2	0.0
Swingle	5.6	0.4	18.6	32.5	14.6	13.3	24.3	6.7
US-802	2.4	0.0	0.0	0.0	8.5	0.2	8.8	0.2
US-812	2.0	0.0	0.8	0.0	2.3	0.0	7.0	0.1
US-852	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
US-897	0.7	0.0	3.6	2.9	6.9	28.8	5.7	2.2
US-942	0.2	0.2	0.4	0.1	0.9	0.4	1.8	0.8
Volkamer	0.0	46.0	33.9	6.0	1.4	10.5	1.1	10.8
X-639	0.3	0.0	0.0	0.0	6.3	2.2	10.4	2.6
Other Stocks	2.4	3.6	4.2	3.0	9.4	5.8	1.9	7.0



CITRUS OCTOBER FORECAST MATURITY TEST RESULTS AND FRUIT SIZE

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October 10, 2014

Florida All Orange Production Up 3 Percent from Last Season
Florida Non-Valencia Orange Production Down 2 Percent
Florida Valencia Orange Production Up 9 Percent
Florida All Grapefruit Production Down 4 Percent
Florida All Tangerine Production Down 3 Percent
Florida Tangelo Production Up 2 Percent
Florida FCOJ Yield 1.60 Gallons per Box

2014-2015 SEASON FORECAST DATES

November 10, 2014 December 10, 2014

Citrus Production by Type and State – United States

Crop and State	Production ¹			Forecasted Production ¹
	2011-2012 (1,000 boxes)	2012-2013 (1,000 boxes)	2013-2014 (1,000 boxes)	2014-2015 (1,000 boxes)
Non-Valencia Oranges ²				
Florida.....	74,200	67,100	53,300	52,000
California.....	45,500	42,500	39,000	40,500
Texas.....	1,108	1,499	1,400	1,627
United States.....	120,808	111,099	93,700	94,127
Valencia Oranges				
Florida.....	72,500	66,500	51,300	56,000
California.....	12,500	12,000	11,000	10,000
Texas.....	311	289	376	345
United States.....	85,311	78,789	62,676	66,345
All Oranges				
Florida.....	146,700	133,600	104,600	108,000
California.....	58,500	54,500	50,000	50,500
Texas.....	1,419	1,788	1,776	1,972
United States.....	206,119	189,888	156,376	160,472
Grapefruit				
Florida-All.....	18,850	18,350	15,650	15,000
White.....	5,350	5,250	4,150	4,000
Colored.....	13,500	13,100	11,500	11,000
California.....	4,000	4,500	4,000	4,000
Texas.....	4,800	6,100	5,700	5,750
United States.....	27,650	28,950	25,350	24,750
Lemons				
California.....	20,500	21,000	19,000	19,000
Arizona.....	750	1,800	1,800	2,000
United States.....	21,250	22,800	20,800	21,000
Tangelos				
Florida.....	1,150	1,000	880	900
Tangerines				
Florida-All.....	4,290	3,280	2,900	2,800
Early ³	2,330	1,910	1,750	1,700
Honey.....	1,960	1,370	1,150	1,100
California ⁴	10,800	13,000	14,500	16,000
Arizona ⁴	200	200	200	220
United States.....	15,290	16,480	17,600	19,020

¹ Net pounds per box: oranges in California-80, Florida-90, Texas-85; grapefruit in California-80, Florida-85, Texas-80; lemons-80, tangelos-90; tangerines and mandarins in Arizona and California-80, Florida-95.

² Navel and miscellaneous varieties in California. Early (including Navel) and midseason varieties in Florida and Texas. Includes small quantities of tangerines in Texas and Temples in Florida.

³ Fallglo and Sunburst varieties.

⁴ Includes tangelos and tangors.

All Oranges 108.0 Million Boxes

The 2014-2015 Florida all orange forecast released today by the USDA Agricultural Statistics Board is 108.0 million boxes, 3 percent more than last season's production. The total includes 52.0 million boxes of non-Valencia oranges (early, midseason, Navel, and Temple varieties) and 56.0 million boxes of Valencia oranges. The Navel orange forecast is 1.5 million boxes, 3 percent of the non-Valencia total.

The estimated number of bearing trees for all oranges is 54.9 million, down 2 percent from the previous season. Trees planted in 2011 and earlier are considered bearing this season. Field work for the latest Commercial Citrus Inventory was completed in July 2014. Attrition rates were applied to the results to determine the number of bearing trees which are used to weight and expand objective count data in the forecast model.

Citrus growing conditions were ideal from the start of the citrus bloom in March to the beginning of the 2014-2015 harvest season. Seasonal temperatures coupled with above average rainfall continued throughout early spring. Dry conditions in late May were quickly eliminated by adequate rainfall in early June. Sunshine and seasonal precipitation returned and continued throughout the summer months. By the start of the harvest season, dry seasonal conditions returned in the western part of the state, while the remaining citrus producing areas experienced adequate rainfall.

An 8 year regression has been used for comparison purposes. For those previous 8 seasons, average actual production is 140.1 million boxes. The initial forecast has deviated from final production by an average of 6 percent with 7 seasons above and 1 below, with differences ranging from 1 percent below to 20 percent above.

The procedures used in this forecast are the same as used in past seasons. The methodology is described on page 5 of this report. All references to "average", "minimum", and "maximum" refer to the previous 8 seasons. Average fruit per tree includes regular bloom and the first late bloom.

Non-Valencia Oranges 52.0 Million Boxes

The non-Valencia forecast of 52.0 million boxes is 2 percent lower than last season's production. The estimated number of bearing trees (excluding Navels) is 22.7 million, down 2 percent from the previous season. The estimated fruit per tree for early-midseason oranges is 890, a decrease of 3 percent from last season. Projected fruit size is close to the minimum, requiring an estimated 284 pieces of fruit to fill a 90-pound box. Projected droppage is well above average at 20 percent.

Based on fruit population, the prorated forecast shows a decrease of 900 thousand boxes in the Southern area compared to last season. The Indian River area shows a decrease of 400 thousand boxes. The combined other areas are forecasted to be the same as last season.

The Navel forecast of 1.5 million boxes is 22 percent lower than last season's production. If realized, this will be the lowest production since forecasting Navels as a separate variety. The estimated number of bearing trees is 970 thousand, down less than 1 percent from the previous season. The estimated fruit per tree is 295, a decrease of 32 percent from last season. Projected fruit size is above average, requiring an estimated 138 pieces of fruit to fill a 90-pound box. Projected droppage is close to the maximum at 27 percent.

Valencia Oranges 56.0 Million Boxes

The Valencia forecast of 56.0 million boxes is 9 percent higher than last season's production. The estimated number of bearing trees is 31.2 million, down 2 percent from the previous season. The estimated fruit per tree is 624, an increase of 2 percent from last season. Projected fruit size is well below average, requiring an estimated 235 pieces of fruit to fill a 90-pound box. Projected droppage is close to the maximum at 28 percent.

Based on fruit population, the prorated forecast shows a decrease of 500 thousand boxes in the Southern area compared to last season. The forecast shows an increase in the Indian River of 600 thousand boxes. The combined other areas show an increase of 4,600 boxes.

FCOJ Yield 1.60 Gallons per Box

The projection for frozen concentrated orange juice (FCOJ) is 1.60 gallons per box of 42° Brix concentrate. Last season's final yield for all oranges was 1.569080 gallons per box, as reported by the Florida Department of Citrus. Projections for the components will be published in January. Record yields were set in 2007-2008 for all oranges at 1.672737 gallons per box and the late category (Valencias) at 1.790343 gallons per box. The record for the early-midseason category is 1.597195 gallons per box which occurred in 2008-2009. All projections of yield assume the processing relationships this season will be similar to those of the past several seasons.



Information for the next Certified Pile Burners Course:

The Florida Forest Service and University of Florida Cooperative Extension Service will be conducting a Certified Pile Burners Course on Thursday, February 5, 2015. This course will show you how to burn piles *legally, safely and efficiently*. Most importantly, it could save a life. If you burn piles regularly, don't put off registering for this training. When the weather is dry, certified pile burners will receive priority for authorization to burn. Also, certified pile burners are allowed to burn up to two hours longer per day and get multiple day authorizations. Don't wait. The number of trainings offered and attendance at each training is LIMITED. This training will be held from 8:30 am till 4:30 pm at the Southwest Florida Research and Education Center in Immokalee, Florida. Included are a registration form and program agenda.

Registration is required to attend and class size is limited. To attend please send the following information (see form on next page):

1. Your full name (as wanted on your pile burning certificate).
2. Your mailing address (where you want the certificate mailed).
3. Your Florida Forest Service Customer Number (It is the number that you are required to give the FFS when you call in for your burn permits. If you do not know it please call the local FFS office and ask them to create one for you).
4. Your email address (if you have one) and/or contact phone number.
5. A check made out to: Hendry County 4-H for \$50.00.

The first fifty individuals to provide these five requirements will be registered; there will be a 7-day non refundable fee limit. If you do not make the training and did not contact our office at least one week before the class, you will not receive a refund. There will be a test at the end of the session. You must receive a grade of 70% or higher on the exam and demonstrate a proper pile burn with your local FFS office to become certified. Once you are certified it will be noted with your customer number, thus it is important for us to have the proper number. If you do not have a customer number the FFS office will set one up for you. Fill out the registration form on the next page and return as directed.

Sincerely,

Dr. Mongi Zekri

For Questions Contact: Dr. Mongi Zekri at maz@ufl.edu or 239 595 5494

Registration Form

PRE-REGISTRATION WILL NOT BE ACCEPTED WITHOUT PAYMENT OF THE REGISTRATION FEE

Florida's Certified Pile Burner Program

Thursday, February 5, 2015

Hendry County Extension Office

P.O. Box 68, LaBelle, FL 33975

(239) 595 5494

Please send this form and a check for \$50.00 made payable to:

“Hendry County 4-H”

**Mail to: Dr. Mongi Zekri
Hendry County Extension Office
P. O. Box 68
LaBelle, FL 33975**

The \$50 fee covers the training sessions, a booklet with all the presentations in color, other handouts, refreshments, and lunch

Name

Mailing address

Email address

Phone Number

FFS Customer Number



Florida's Certified Pile Burner Training
Thursday, February 5, 2015
UF-IFAS Southwest Florida Research and Education Center
2685 SR 29, Immokalee, FL 34142
See: <http://www.imok.ufl.edu/> for directions
(239) 595 5494

All Times Are Local

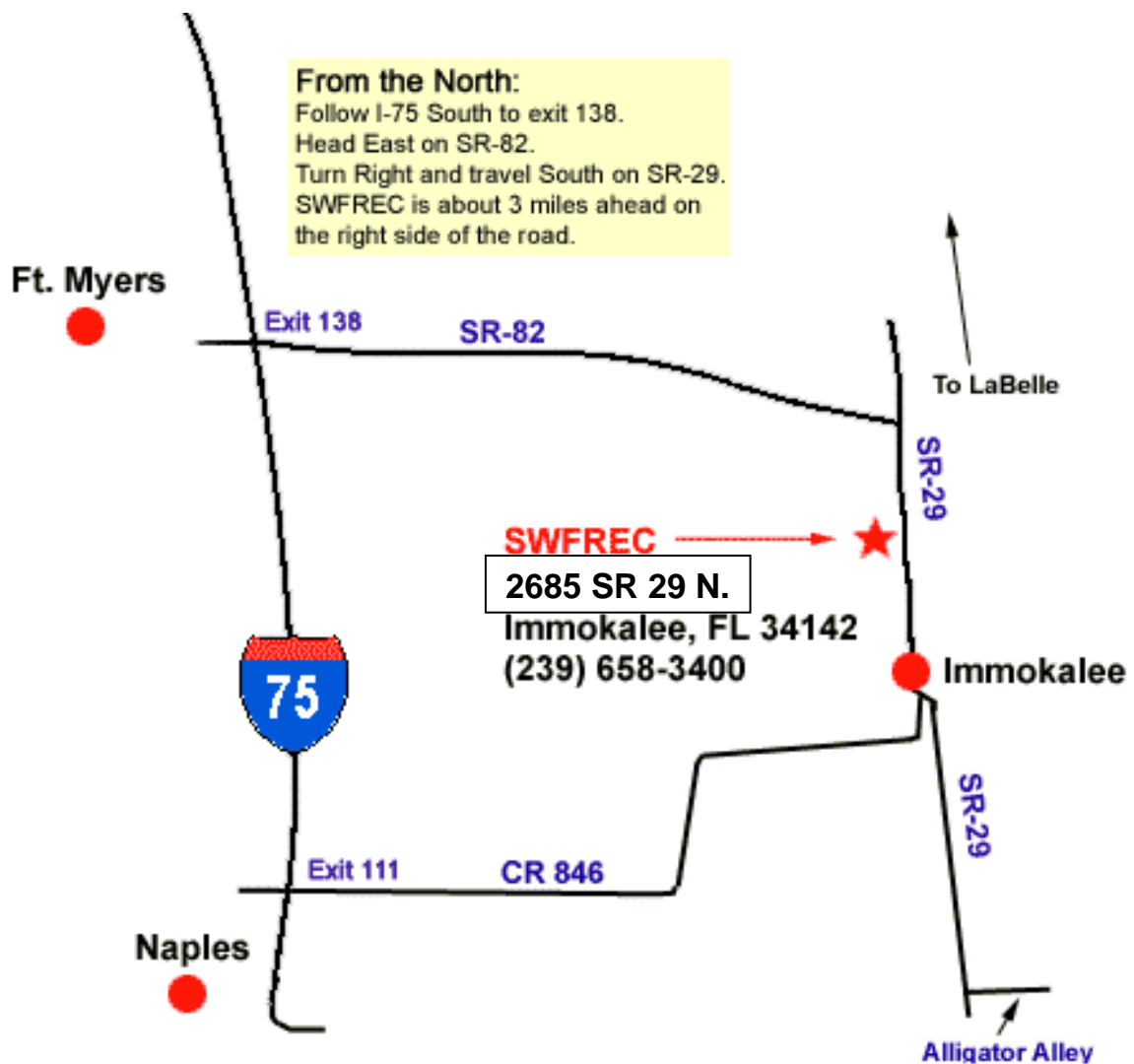
1. Opening Comments and Introduction	08:30 – 09:10
2. Fire Weather	09:10 – 09:50
3. BREAK	09:50 – 10:00
4. Smoke Management	10:00 – 11:20
5. Open Burning Regulations	11:20 – 12:15
6. LUNCH (provided)	12:15 – 01:15
7. Planning and Implementation	01:15 – 02:30
8. Safety	02:30 – 03:10
9. BREAK	03:10 – 03:20
10. Public Relations	03:20 – 04:00
11. Wrap Up & Test	04:00 – 04:30

Please bring a Pencil for the Exam!



Location & Contact Information
UF-IFAS Southwest Florida Research and Education Center
2685 SR 29, Immokalee, FL 34142

See: <http://www.imok.ufl.edu/> for directions
(239) 595 5494



From the North:
Follow I-75 South to exit 138.
Head East on SR-82.
Turn Right and travel South on SR-29.
SWFREC is about 3 miles ahead on
the right side of the road.

From Naples:
From I-75, take exit 111 (CR 846) East.
Turn left onto SR-29 and travel through
Immokalee, staying on SR-29.
SWFREC is about 2 mile North of
Immokalee on the left.

From the East:
Head West on I-75 (Alligator Alley).
Exit on SR-29 (Exit 80) and head North.
Pass through Immokalee, staying on SR-29.
SWFREC is about 2 miles North of
Immokalee on the left.

Florida's Certified Pile Burner Training *Frequently Asked Questions*



Q: Why should I be a certified pile burner?

A: Certified pile burners are trained to burn piles *legally, safely and efficiently*. Most importantly, it could save a life. Also, when the weather is dry, certified pile burners will receive priority for authorization to burn by the Florida Forest Service (FFS). Also, certified pile burners are allowed to burn up to two hours longer per day and get multiple day authorizations.

Q: What is a Pile Burner Customer Number?

A: When you call the FFS for an authorization to burn, you will be assigned a personal customer number. This number references your information so it doesn't need to be gathered each time you call for an authorization. You must have your individual FFS customer number in order to be certified.

Q: Is there a test?

A: Yes, the test is 20 questions and open-book. You must receive a score of at least 70% to pass.

Q: What if I don't pass?

A: Very few people fail the test but if you do, you will be provided another opportunity to take the test at a later date. If you fail the second time, you must re-register and take the training again.

Q: Why do you ask for my email on the application form?

A: Email is the fastest and most convenient method to inform registrants of their registration status. If no email address is provided then all correspondence will be sent through the federal mail. This can take several days to relay messages and this may not be practical if changes are made to the course schedule or for last minute registrations.

Q: How much does it cost to register for the training?

A: Registration for the training is \$50 per person and includes lunch, training materials and testing.

Q: How long does my certification last, and how long do I have to complete the certification from the time I finish the class?

A: As long as the person with the certification uses their number at least 5 times in a period of 5 years their certification will not expire under the current program. You **MUST** complete the certification burn within a year of taking the class.

Q: Will certified burners be notified if their certification expires?

A: Yes, notification will be sent out to them to let them know of their upcoming certification expiration date.

Q: Will I be certified at the end of the one day training?

A: No, you will need to follow the written instructions that you will receive from the FFS to become certified. You will need to complete a simple burn plan, have it reviewed and approved locally by the FFS and also have the burn itself reviewed and approved by the FFS.

Q: Is there a minimum age to be a certified pile burner?

A: Yes, you must be at least 18 years old to take the test and be a certified pile burner.

Top 10 Health Benefits of Orange Juice

The Creator blessed us with countless blessings, from which one are the fresh fruits. Every fruit benefits the human beings, thanks to its own nutritional properties. Oranges are one of the most delicious fruits that are equally popular in elder people, adults and children as well. This 'God's gift' not only provides you a wonderful taste but also upsurges the resistance power. The marvelous nutrients, present in oranges, help your body fight against severe diseases such as cardiovascular problems, cancer and gastrointestinal disorders. One can avail the advantages of this fruit in very little time by consuming fresh orange juice. By this way, the nutrients quickly get absorbed in the bloodstream without requiring digestion process. The raw orange and its nectar aids the human body in several ways, here are the top 10 health benefits of orange juice.

1. Maintains the Blood Pressure Levels:

Orange juice is the amazing drink for the patients of high or low blood pressure. Are you interested in finding the reason? Well, this delicious drink contains a significant amount of magnesium which has a wonderful ability to bring back the disturbed blood pressure level to normal range.

2. Promotes the Immune System:

Due to the presence of vitamin C, orange juice acts as a best defender for you against several diseases (such as flu or colds), promoting the immune system.

3. Contains Healing Properties:

One of the top health benefits of orange juice is its healing properties. Oranges contain flavonoids (like naringenin and hesperidin), which are anti-inflammatory stuffs. When you consume this yummy fruit in raw or juice form, the flavonoids work amazingly to treat the arthritis and heal the stiffness and pain.

4. Prevents Cancer:

The latest scientific research has exposed the effectiveness of the orange juice for preventing several types of cancer. Oranges comprise a stuff known as D – limonene that is an efficient agent against skin cancer, breast cancer, mouth cancer, colon cancer and lung cancer. Furthermore, the presence of vitamin C also helps in this regard.

5. Benefits for Treating & Preventing Ulcers:

Ulcers generally appear in the small intestine and stomach. The occurrence of ulcers sometimes becomes a major reason of constipation because in this case, the consumed food particles can't break down properly. The orange juice is very advantageous in treating and preventing ulcers. It also stimulates the digestive system.

6. Prevents Kidney Stones:

The risks of formation of kidney stones can be reduced by taking one serving of orange juice on regular basis. Too much concentration of minerals and chemicals usually result as the development of kidney stones. Orange juice contains citrate, which has an excellent ability to prevent this disorder by decreasing the urine acidity. So the individuals, who are suffering through this terrible condition, should include fresh orange juice in daily diet plan.

7. Assists in Weight Loss:

Many people believe that the regular consumption of orange juice is helpful for cutting down the extra pounds, claiming that this citrus fruit is full of antioxidants, which act efficiently to lose weight.

8. Reduces Risks of Heart Attacks:

Another leading benefit of orange juice is its assistance in prevention of heart disorders. Hesperidin is a plant based substance that protects the arteries from being clogged by improving the health of nearby cells. Oranges contain hesperidin in sufficient amount, thus consumption of one glass freshly squeezed orange juice ensures lower risks of heart attacks.

9. Treats Anaemia:

Anaemia is a condition that generally occurs due to insufficient red blood cells in hemoglobin. Iron deficiency is the leading reason behind this situation. Orange juice provides a good quantity of vitamin C that promotes the absorption of iron into blood stream. That's why most doctors suggest the anaemia patients to consume orange or its juice on regular basis.

10. Makes the Skin beautiful & Young Looking:

The antioxidant properties of orange juice make the skin fresh, beautiful and young-looking by preventing the aging effects. In addition, the antioxidants with the combination of vitamin C protect the skin cells from getting effected by free radicals. Thus, taking one serving of orange juice each day is a best way to maintain the freshness and attraction of skin for long time. Orange juice for skin is a blessing with no disguise at all!

Flatwoods Citrus

If you did not receive the *Flatwoods Citrus* newsletter and would like to be on our mailing list, please check this box and complete the information requested below.

If you wish to be removed from our mailing list, please check this box and complete the information requested below.

Please send: Dr. Mongi Zekri
Multi-County Citrus Agent
Hendry County Extension Office
P.O. Box 68
LaBelle, FL 33975

Subscriber's Name: _____

Company: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone: _____

Fax: _____

E-mail: _____

Racial-Ethnic Background

__ American Indian or native Alaskan

__ Asian American

__ Hispanic

__ White, non-Hispanic

__ Black, non-Hispanic

Gender

__ Female

__ Male