

UF/IFAS

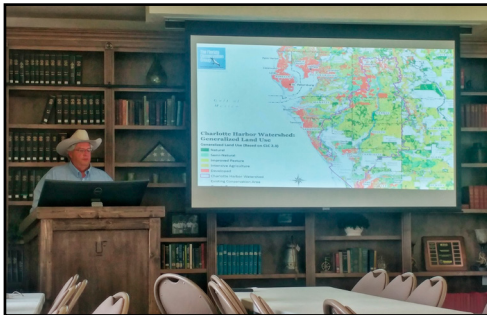
Range Cattle Research & Education Center NEWS

3401 Experiment Station • Ona, FL 33865
863.735.1314 • rcrec-ona.ifas.ufl.edu

summer 2018

IN THIS ISSUE

Interested in learning more about us, but unable to visit in person? Attend an upcoming webinar!



Presentation view in the Grazinglands Education Building at the Center.



Presentation as viewed by webinar.

Webinars are presentations broadcasted over the internet in real time. We use GoToWebinar for hosting and recording our presentations. Primarily, a device with internet and sound is all you need to participate. [Click here to watch a short video](#) to learn more about the process, including: registering, connecting, tips on viewing a webinar and how to ask a question, ending the webinar, providing feedback, and where you can access the recordings and a PDF for each of our past presentations.

The second Tuesday of each month we host an informative 'Ona Highlight' by webinar. These informative presentations are held in the Grazinglands Education Building. They begin at 11:00 a.m. and last about 45 minutes.

Recent recordings:

Ona Highlight with Guest Presenter Jim Strickland
"Conservation easements from a rancher's perspective" - 8/14/2018

Ona Beef Cattle and Forage Economics Program Highlight with Chris Prevatt
"Marketing 2018 Feeder Calves" - 07/10/2018

Ona Highlight with guest presenter Mario Binelli of the UF Animal Science Dept.
"Beef Cattle Reproductive Challenges in Florida" - 6/12/2018

Ona Weed Science Program Highlight with Brent Sellers
"Smutgrass Down Under: Our recent exposure to smutgrass management in Australia" - 5/16/2018

Past webinars (recordings and slides) are available on the RCREC website, go to the "[Virtual Classroom](#)."

Featured Article **1**

Braford Offer - Nov. 8 **2**

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Faculty & Student News **4**

Use of Drones in Research Recent Publications **5**

Click on the images below to check us out on:



UF UNIVERSITY of FLORIDA
IFAS

Webinars continued...

Upcoming Ona Highlights

- Sept. 11 Ona Forage Agronomy Highlight with Joao Vendramini
Dr. Vendramini is a forage agronomist who specializes in forage management
"Nitrogen Use Efficiency of Limpograss"

- Oct. 9 Ona Graduate Student Highlight with Wes Anderson
Wes is a Ph.D. Candidate advised by Raoul Boughton in the RCREC Rangeland Wildlife
and Ecosystems Program
He will be presenting, "Impacts of wild pigs on wetlands and aquatic communities across
a Florida Rangeland"

- Nov. 13 Ona Highlight Guest Presenter - Betsey Boughton
Dr. Boughton is the Program Director at the MacArthur Agro-ecology Research Center.
She will be presenting, "Archbold-UF LTAR project - Manipulating fire and grazing to enhance
the delivery of ecosystem services from subtropical humid grasslands."

You may attend in person (call to register: 863-735-1314) or by webinar. Visit <http://rcrec-ona.ifas.ufl.edu/events.shtml> to register online.

Annual UF/IFAS Braford Heifer Offering

On November 8th at the Adams Ranch 2018 Bull & Heifer Auction, located at 26003 Orange Ave, Fort Pierce, two UF/IFAS Range Cattle REC Braford heifers will be offered. The original Braford herd at Ona was donated to the Center in the '80s by Bud Adams. The buyer will have the opportunity to select two yearling heifers from a group of 8 previously retained as replacements. Proceeds from this heifer sale will be matched by the Adams Ranch and the full amount added to the Adams Ranch Endowment.

The Adams Ranch Endowment was established in 2015 to support teaching, research, and extension activities associated with the natural resources on southern Florida grazinglands. For endowment information, or to contribute, [click here](#) or visit 'Give' on our website.

To register for the Adams Ranch field day on 11/7 and sale on 11/8 visit their website at <http://www.adamsranch.com/> or call them at 772-461-6321.



UF IFAS Extension
UNIVERSITY OF FLORIDA

WINTER SUPPLEMENTATION SEMINAR



Come out to learn how to prepare your herd for the coming winter months!

DR. ARTHINGTON: IMPORTANCE OF TRACE MINERALS
DR. HERSOM: MOLASSES COMPOSITION
DR. PHILIPPE MORIEL: BODY CONDITION SCORING

<p>SEPTEMBER 20, 2018 3:00-6:00 PM Sponsored Dinner</p>	<p>REGISTER: Call 863-402-6540 OR visit: https://www.eventbrite.com/e/winter-supplementation-seminar-tickets-44641812864</p>	<p>HIGHLANDS COUNTY EXTENSION OFFICE 4509 George Blvd. Sebring, FL 33875</p>
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THE SOUTH FLORIDA BEEF FORAGE PROGRAM

RSVP by 09/18/2018
University of Florida:
An Equal Opportunity Institution



Register by 9/18 to attend this free event on Sept. 20 form 3:00 - 6:00 PM in Sebring.

[Click here to register now](#) or call 863-402-6540 for more information.

Connect with us



Joao with Cary Lightsey

Listen or download the latest **Joe What? Podcasts:**

- Cary Lightsey, Co-owner of Lightsey Cattle Company in Lake Wales, Florida. Cary shares how he, his brother Layne, and their families manage their cow-calf operation including their breeding program, feeding and supplementation programs, pasture management, and how backgrounding cattle has reduced their death loss. He also shares a little on how they have diversified into hunting trips, citrus, and seed operations. (run

time: 22.13 min.)

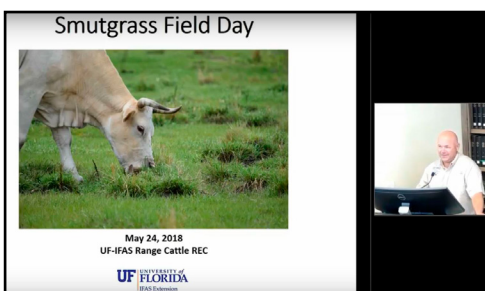
- Cliff Coddington, manager of Longino Ranch in Sidell, Florida. As a conservation easement the ranch will never be developed. Cliff shares about their use and management of rangelands, their timber operation, use of controlled burns and other land management techniques, and how they manage their cattle on range. (Run time: 13.40 min.)

- Ed Jennings, County Extension Director and Extension Agent IV, M.S. in Levy County. They discuss cattle management practices, stockering and finishing cattle in Florida, the importance of soil testing, and some of the current challenges facing Florida's beef producers. (Run time: 15.04 min.)

These monthly podcasts can be found at: <http://ufifasrcrec.podbean.com>.

Smutgrass Management in Pastures: An Update on Current Research

Click the titles to view the videos.



[Welcome and Introduction](#)

- Brent Sellers

[Smutgrass Basics](#)

- Jose Luiz Dias

[Smutgrass Grazing Study](#)

- Aaron Stam and Lindsey Wiggins

[Smutgrass Control in Pastures](#)

- Brent Sellers

Upcoming Events

Ona Agronomy Highlight with Joao Vendramini
- Sept. 11, 11:00 a.m.

Webinar, register at: <https://register.gotowebrinar.com/register/8826500406587269121>

Winter Supplementation Seminar

- Sept. 20, 3:00 - 6:00 PM

Highlands County Extension Office, 4509 George Blvd, Sebring

View the flyer, [click here](#).

Register online by 9/18 for this free program: <https://www.eventbrite.com/e/winter-supplementation-seminar-tickets-44641812864>

Ona Graduate Student Highlight with Wes Anderson

- Oct. 9, 11:00 a.m.

Topic: "Impacts of wild pigs on wetlands and aquatic communities across a Florida Rangeland"

Webinar, register at: <https://register.gotowebrinar.com/register/5433305268689294849>

Ona Highlight Guest Presenter - Betsey Boughton

- Nov. 13, 11:00 a.m.

Presenting, "Archbold-UF LTAR project - Manipulating fire and grazing to enhance the delivery of ecosystem services from subtropical humid grasslands."

Webinar, register at: <https://register.gotowebrinar.com/register/4517413182263599361>

Alvin C. Warnick Reproductive Management School

- Nov. 6 - 8

Longino Ranch, 2611 Turpentine Still Rd, Sidell - \$350 Register, by October 19, space limited

View the flyer, [click here](#).

[Click here for registration information.](#)

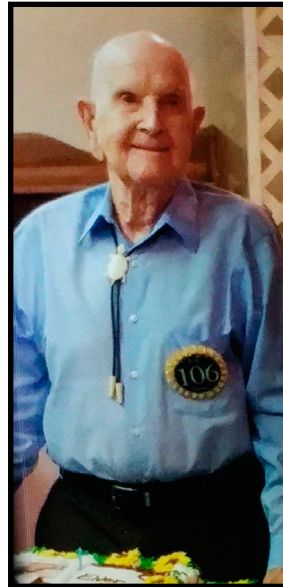
JOB OPENING

Farm assistant - Short term employment, 40 hours per week (Monday - Friday). Work will primarily include building and repairing fence, building maintenance, tractor and farm equipment operation. Farm or ranch experience is preferred. To apply, complete the application [here](#) and call 863-735-1314. Salary \$10.00/hour. Location: 3401 Experiment Station, Ona

Faculty News

'Cattlemen's College,' offered at the Florida Cattlemen's Convention in Davenport on June 21, was well attended. This years' speakers and their topics: Philippe Moriel – Nutrition of Beef Females, Raoul Boughton – Florida Calf Loss, and Chris Prevatt – Beef Cattle Market Outlook.

Recently, Joao Vendramini and Maria Silveira were featured in the Southeast Hay Contest Video series, "Massey Ferguson – A Cut Above the Rest Video Series – Season 2 Intro". Check it out on YouTube, [click here](#).



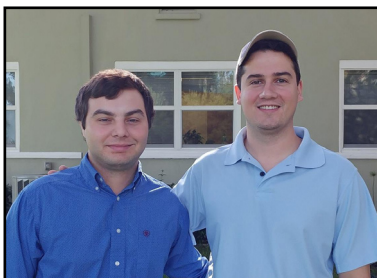
On July 29 Professor Emeritus Elver Hodges, UF/IFAS RCREC Agronomist from 1941 - 1982, celebrated his 106th birthday with family and friends. Dr. Hodges resides in Wauchula. To learn more about his life and work, [click here](#).



Student News

This summer Matheus Betelli Piccolo completed his MS in Animal Science and returned to Brazil. During his studies, Matheus was advised by Philippe Moriel. The title of his thesis, 'Use of bovine somatotropin to hasten puberty achievement of Bos Indicus-influenced beef heifers.'

Matheus with Philippe Moriel



Allison Smith, a MS student working with Raoul Boughton, won a UF IFAS Wildlife photo contest with this picture of her research subject, burrowing owls in southern Florida. These owls are an interesting case of wildlife living in cities and human-impacted areas. They are most common in Cape Coral, Marco Island, and improved ranch lands.



Use of Drones in Rangeland Monitoring

Pictured left: Presenters from the program "Using Drones for Rangeland Monitoring" and "UF Safety and Compliance Orientation for UAS/Drones" held at the RCREC on July 10. From left: John Rouse/UF Office of UAS Programs, Wes Anderson/WEC PhD Student, Vivienne Sclater and Kevin Main/Archbold Biological Station.

This informative program was hosted at the Center and organized by Raoul Boughton of the Rangeland Wildlife and Ecosystems program. Research work and tools shared in Wes's presentation were developed by Dr. Boughton. Data processing and drone operation credits go to Bethany Wight. To view these recordings visit the UF/IFAS Range Cattle REC virtual classroom at: <http://rcrec-ona.ifas.ufl.edu/> or click on the titles below.

[Safety and Compliance Orientation for Unmanned Aircraft Systems/Drones](#) - John Rouse of the University of Florida Office of Unmanned Aircraft System Programs
([click here for a PDF of the PowerPoint](#))

[Drone Research for Disturbance and Habitat Monitoring](#) - Wes Anderson/WEC PhD Student, Vivienne Sclater and Kevin Main/Archbold Biological Station
([click here for a PDF of the PowerPoint](#))

Recent Publications

Alencar, N.M., Vendramini, J.M.B., dos Santos, A.C., Silveira, M.L., Dubeux, Jr., J.C.B., Sousa, L.F., and Neiva, J.N.M. (2018) Herbage Characteristics of Pinto Peanut and Paslisadegrass Established as Monoculture or Mixed Swards. *Crop Science*, 58:2131-2137

Filho, C. V. S., Cavazzana, J. F., Heinrichs, R., Vendramini, J. M. B. Lima, G. C., and Moreira A. (2018) The impact of Organic Biofertilizer Application in Dairy Cattle Manure on Chemical Properties of the Soil and the Growth and Nutritional Status of Urochroa Grass. *Communications in Soil Science and Plant Analysis*, 49:358-370.

Pearsaul, D.G., Leon, R.G., Sellers, B.A., and Silveira, M.L. (2018) Evaluation of Verticutting and Herbicides for Tropical Signalgrass (*Urochloa subquadriflora*) Control in Turf. *Weed Technology*, <https://doi.org/10.1017/wet.2018.25>

Prince, C.M., MacDonald, G.E., Ferrell, J.A., and Sellers, B.A. (2018) Impact of Soil pH on Cogongrass (*Imperata cylindrica*) and Bahiagrass (*Paspalum notatum*) Competition. *Weed Technology*, 32:336-341

Sanchez, J.M.D., Vendramini, J.M.B., Silveira, M.L., Sollenberger, L.E., Dubeux, Jr., J.C.B., Moriel, P., Kuwahara, F.A., Cecato, U., Yarborough, J.K., Soares Filho, C.V., and de Oliveira, F.C.L. (2018) Genotype and Regrowth Interval Effects on In Situ Disappearance of Rhizoma Peanut. *Crop Science*, 58:2174-2181

Sanchez, J. M. D., Vendramini, J. M. B., Sollenberger, L. E., Silveira, M. L., Dubeux Jr., J. C. B., Moriel, P., Kuwahara, F. A., Cecato, U., Yarborough, J. K., Filho, C. V. S., and de Oliveira, F. C. L. (2018) Forage Characteristics of Bermudagrass Pastures Overseeded with Pinto Peanut and Grazed at Different Stubble Heights. *Crop Science*, 58:1-9

Shepard, E.M., Sollenberger, L.E., Kohmann, M.M., da Silva, L.S., Dubeux, J.C.B., and Vendramini, J.M.B. (2018) Phenotypic Plasticity and Other Forage Responses to Grazing Management of Ecoturf Rhizoma Peanut. *Crop Science*, 58:2164-2173

Vendramini, J. M. B. and Moriel, P. (2018) Forage Management and Concentrate Supplementation Effects on Performance of Beef Calves. *Animal Production Science*, doi.org/10.1071/AN17797

E NEWS AVAILABLE

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ABOUT THIS NEWSLETTER

This newsletter is a publication of the UF/IFAS Range Cattle Research and Education Center (RCREC) located in South Central Florida in the heart of Florida's cattle country. Our goal is to keep you up to date on RCREC happenings, publications, research, faculty & student news, upcoming events and bring you beneficial information you can use in your beef cattle or forage operation.

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