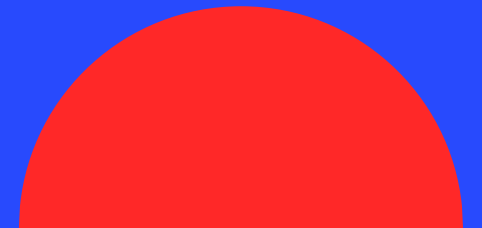
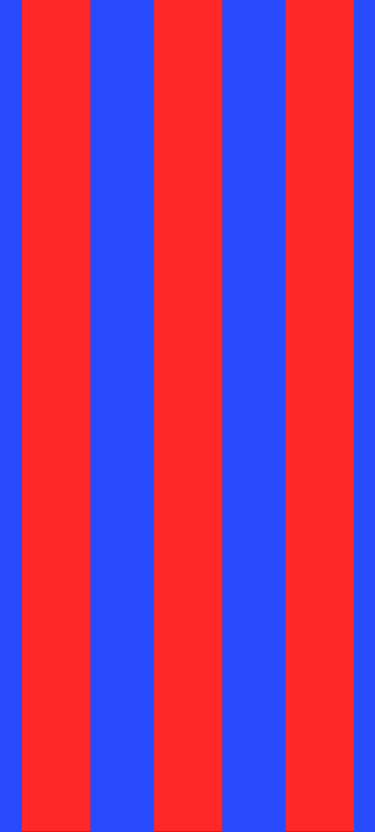
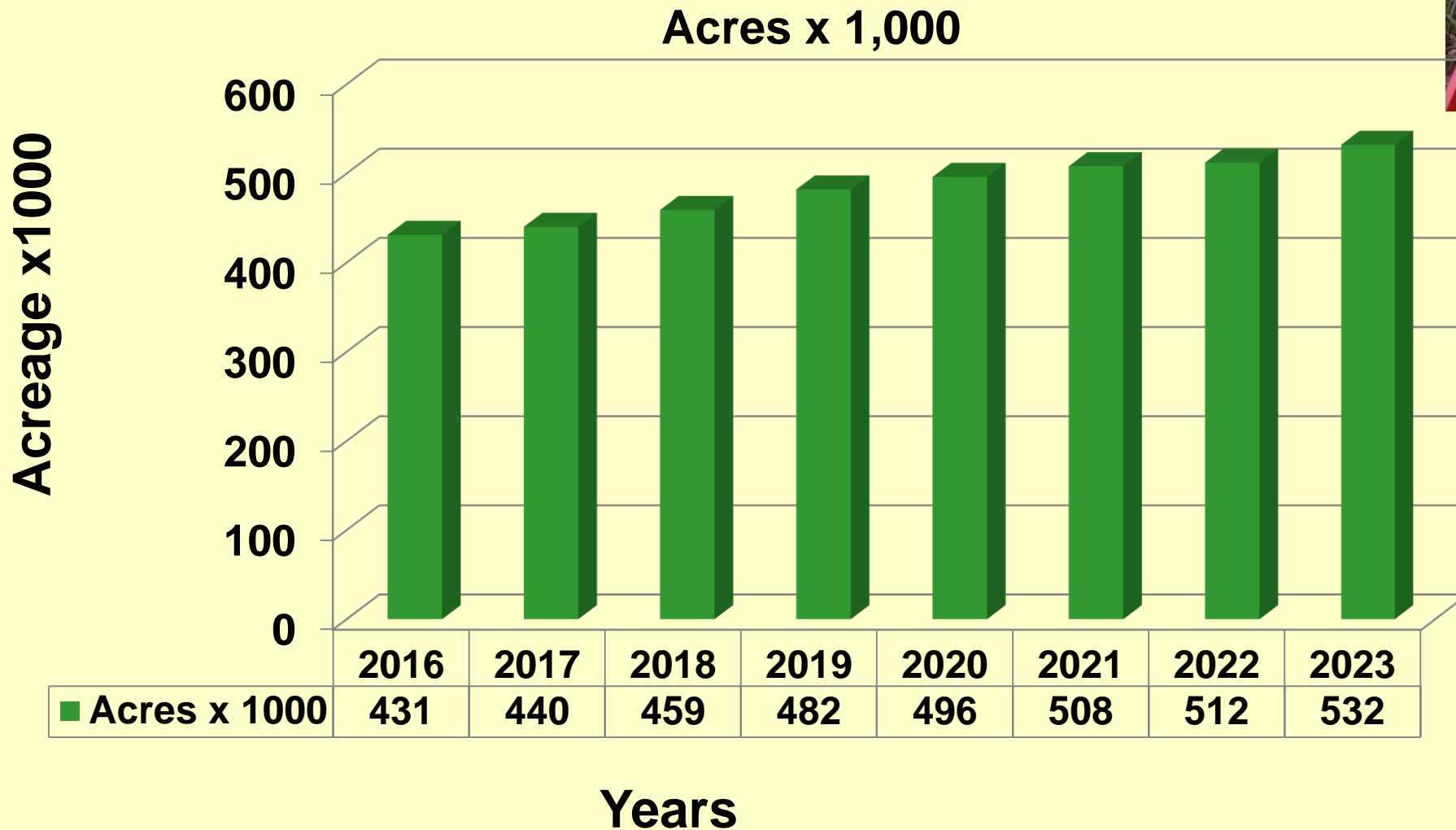


2023 Sugarcane Crop Overview

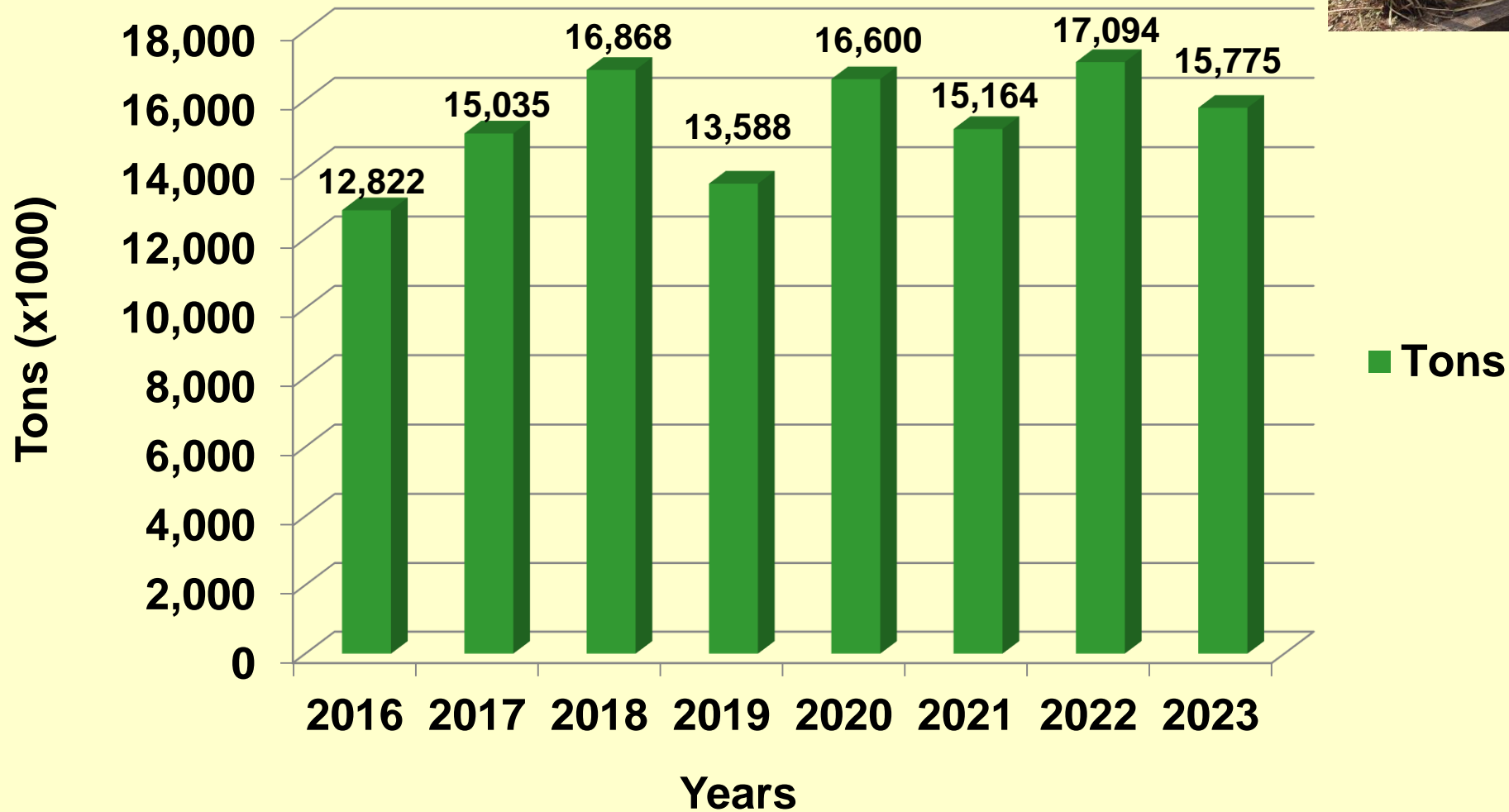
**Kenneth Gravois
LSU AgCenter**



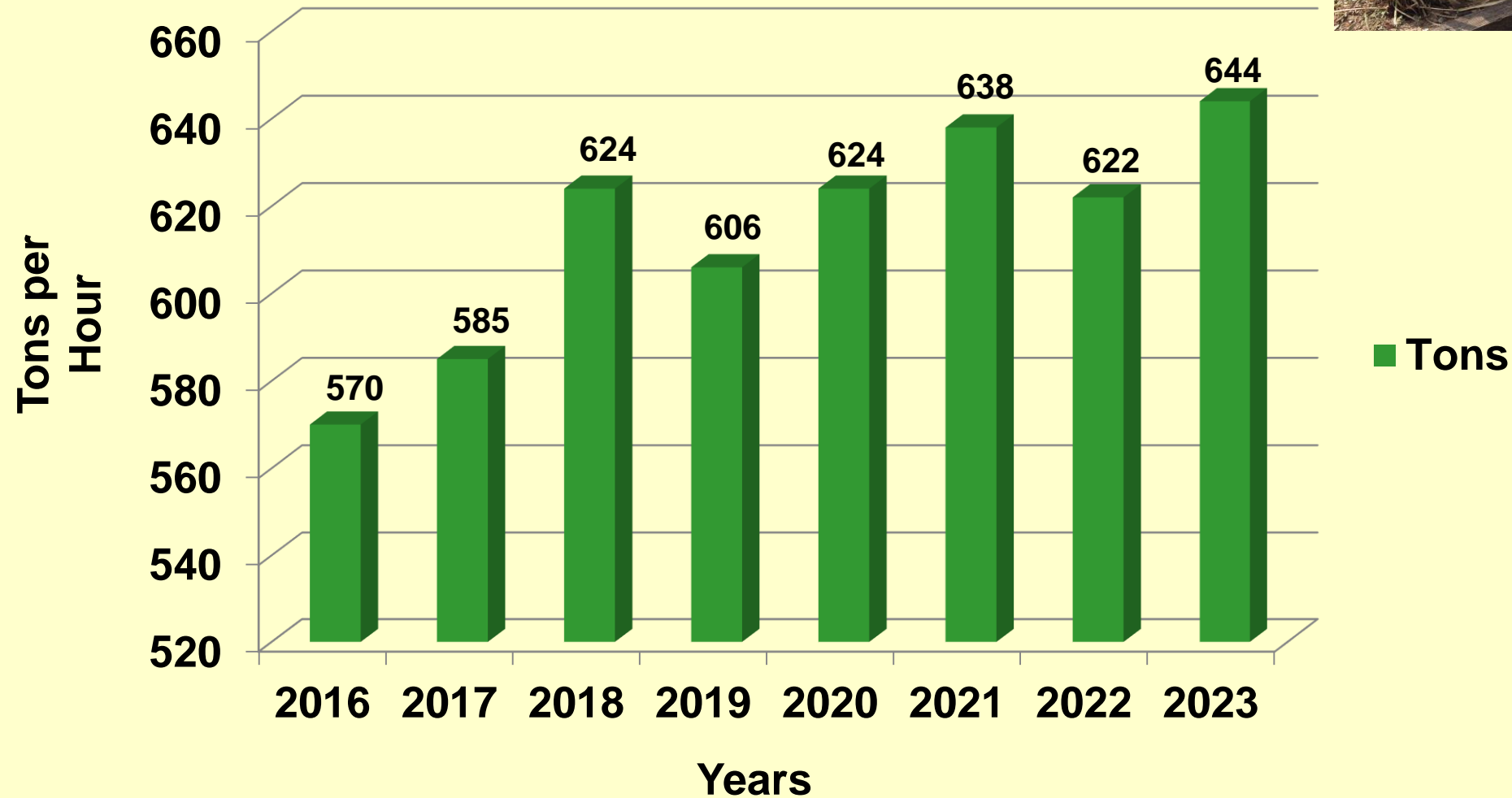
Sugarcane Acreage



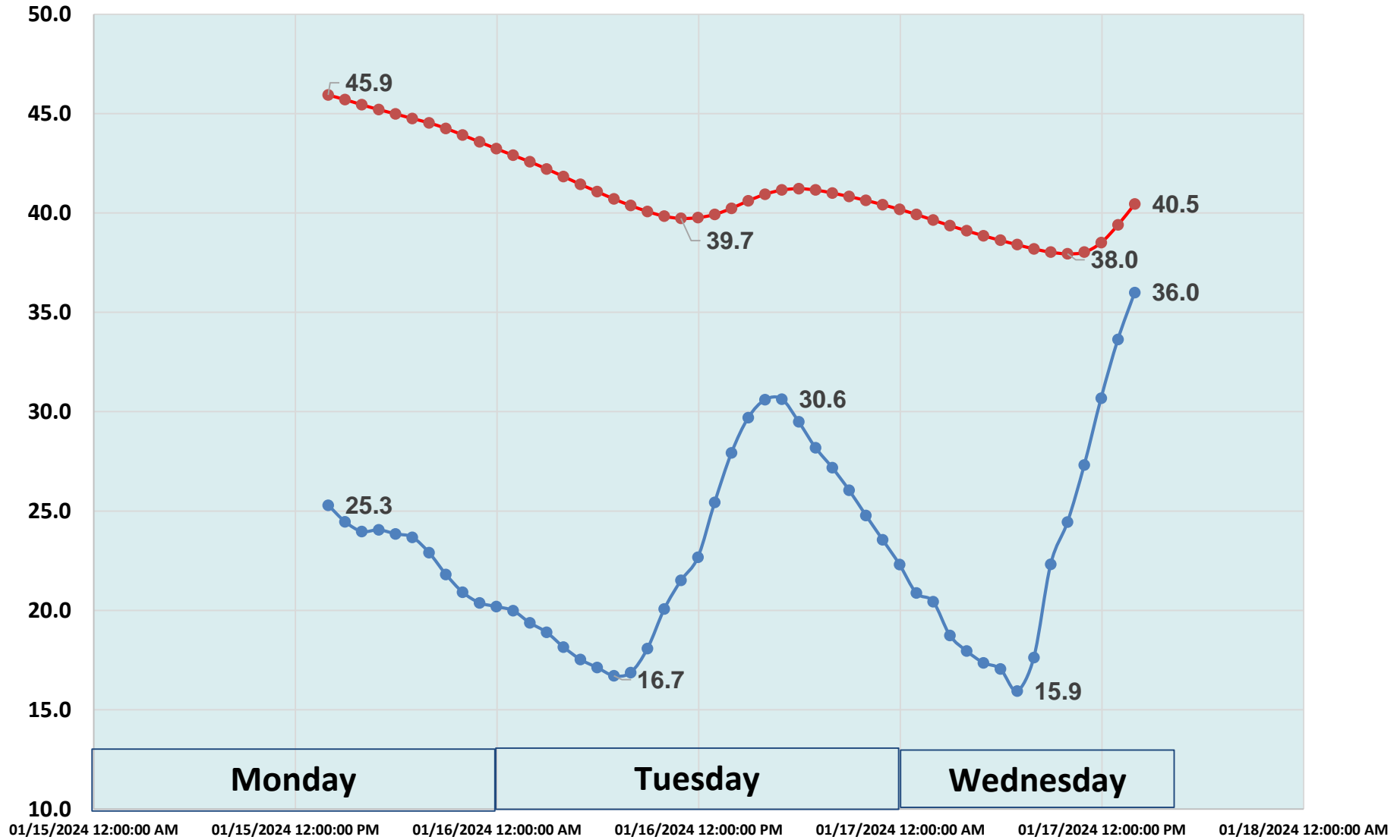
Sugarcane Tonnage



Milling Capacity



Dean Lee Air and Soil Temperature

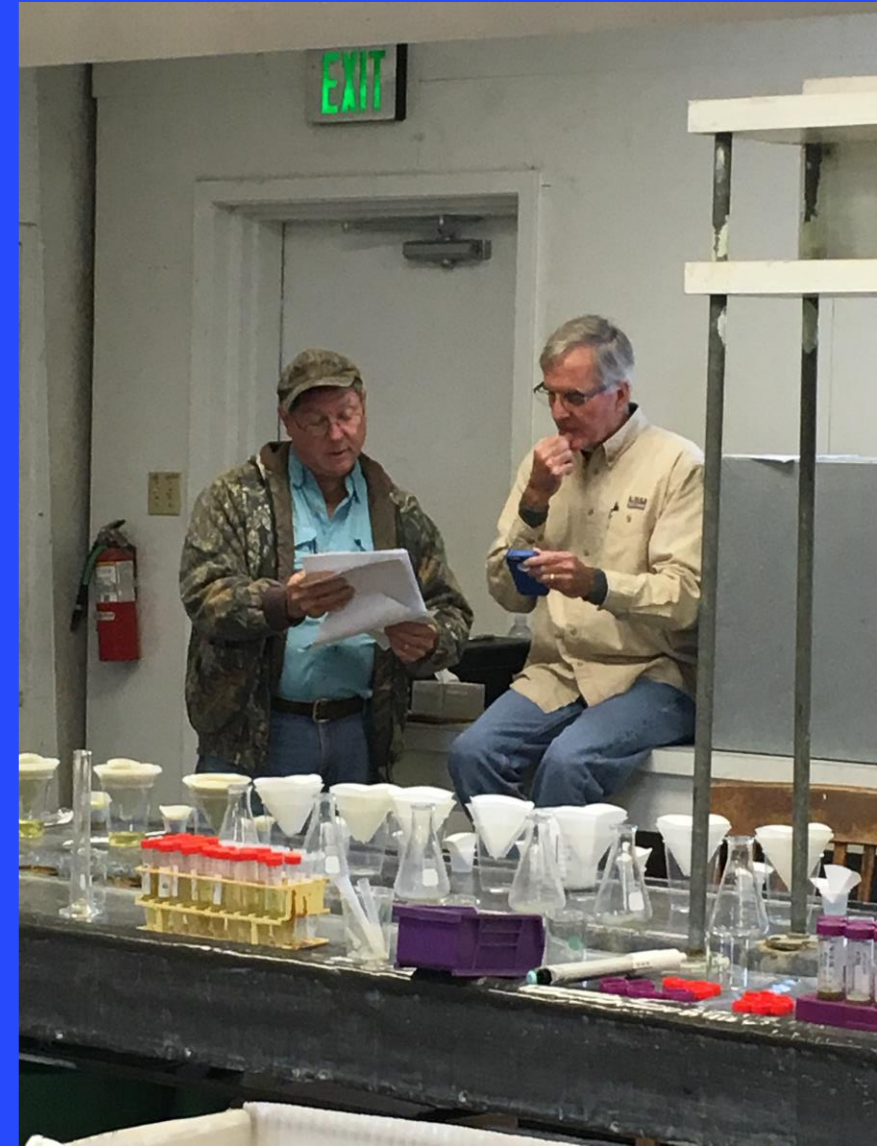


—●— Air Temp (F) —●— Soil Temp (F)

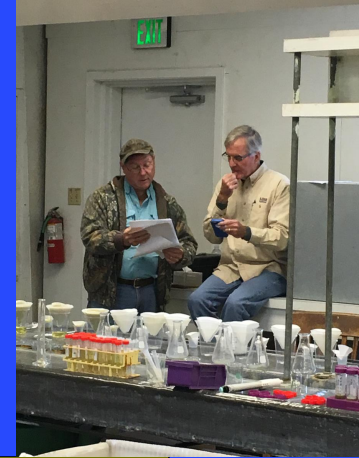
Cloudy Sample Polysaccharides

Ho 12-615

HoCP 14-885



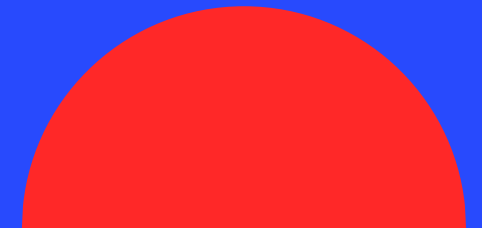
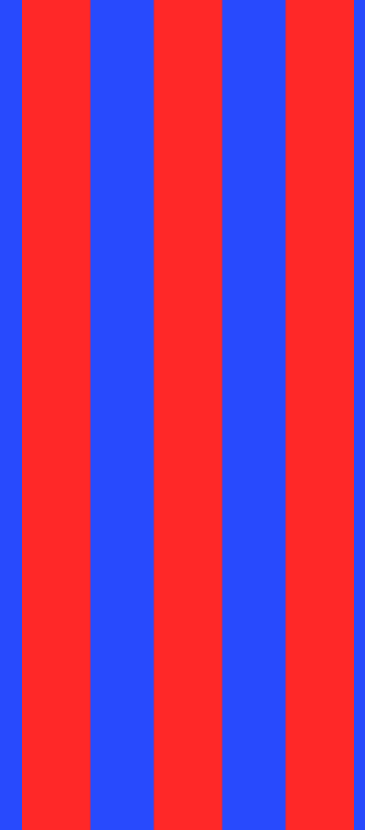
pH and Titratable Acidity First Sampling Compared to Last Sampling



Variety	pH Decrease	pH Rank	Titratable Acidity Increase (ml 0.1 N NaOH)	Rank
L01-299	0.93	2	11.5	4
HoCP04-838	0.72	1	8.1	2
HoCP09-804	0.94	3	9.1	3
Ho12-615	1.17	7	15.4	8
Ho13-739	0.95	4	7.0	1
HoCP14-885	1.19	8	14.9	7
L15-306	1.12	6	13.9	6
HoL15-508	1.60	9	22.2	9
Ho17-738	1.02	5	11.9	5

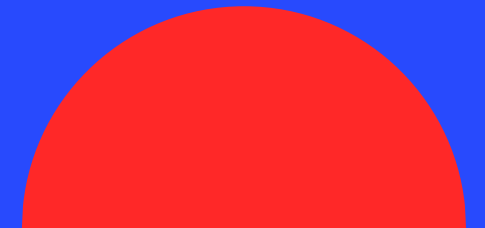
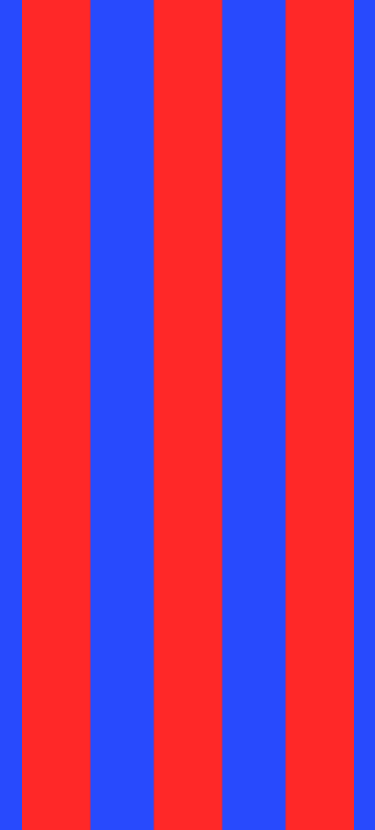
Cold Tolerance Ratings

Variety	Cold Tolerance Category
HoCP96-540	GOOD
L01-299	MODERATE - GOOD
HoCP04-838	GOOD
HoCP09-804	MODERATE
L11-183	MODERATE
L12-201	POOR
Ho12-615	POOR
Ho13-739	MODERATE
L14-267	MODERATE
HoCP14-885	POOR
L15-306	MODERATE
HoL15-508	MODERATE
Ho17-738	??

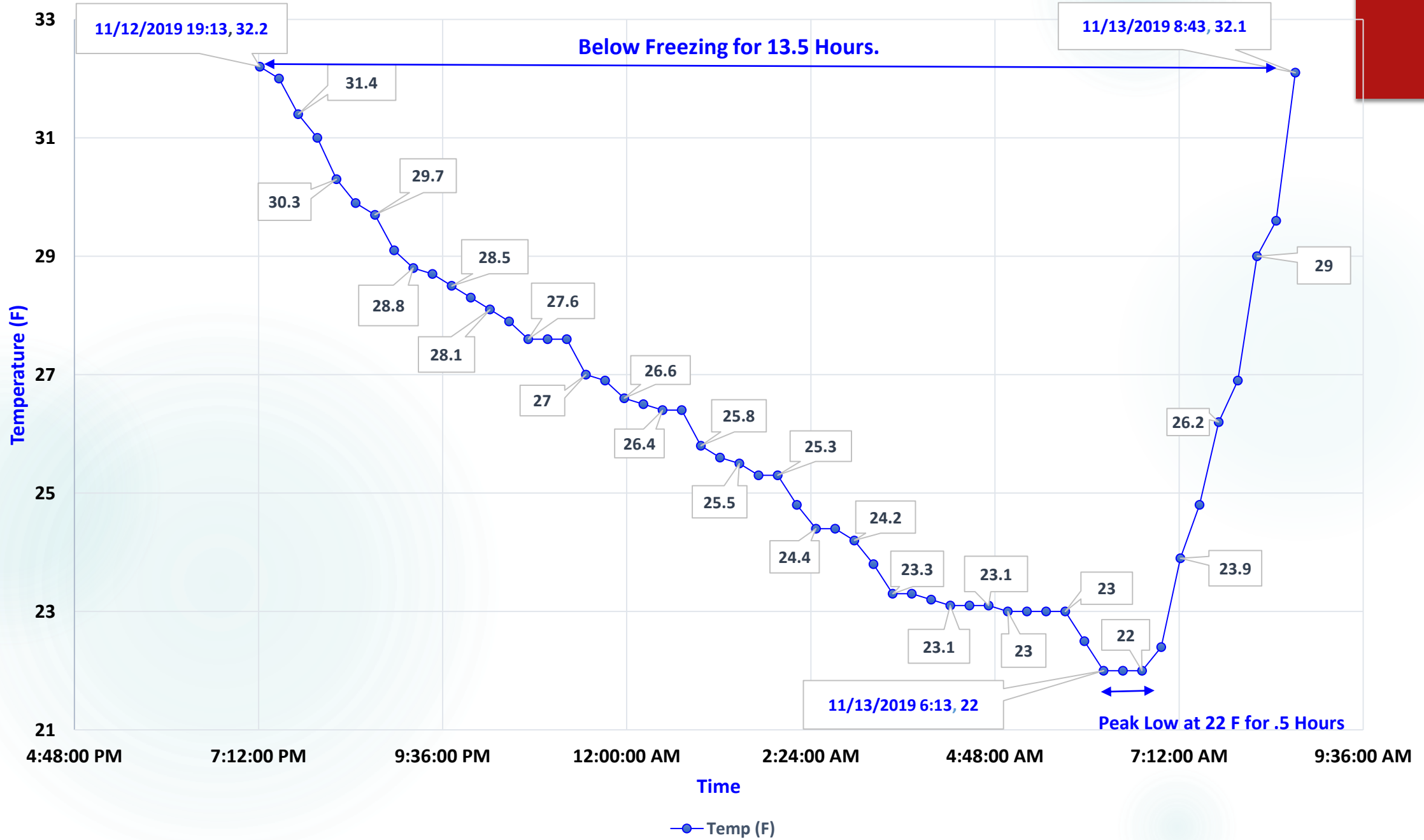


Cold Tolerance Results 2019

Variety	Cold Tolerance Category
HoCP96-540	GOOD
L01-299	MODERATE
HoCP04-838	GOOD
HoCP09-804	MODERATE
L11-183	MODERATE
L12-201	POOR
Ho12-615	POOR
Ho13-739	MODERATE
L14-267	MODERATE
HoCP14-885	MODERATE
L15-306	MODERATE
HoL15-508	MODERATE
Ho15-971	MODERATE



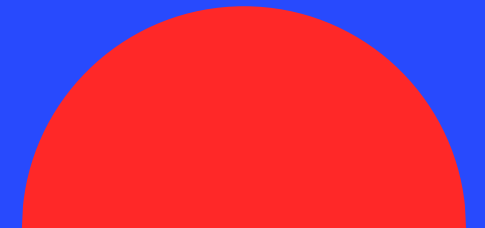
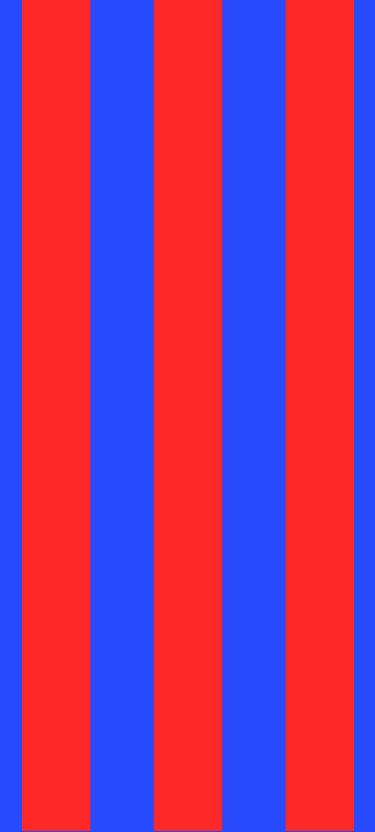
Duration of 11/13/2019 Freeze



Seed Cane Source

Field Run vs Sugar Tech

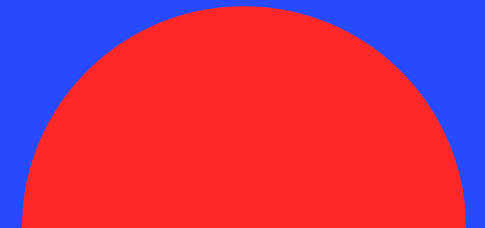
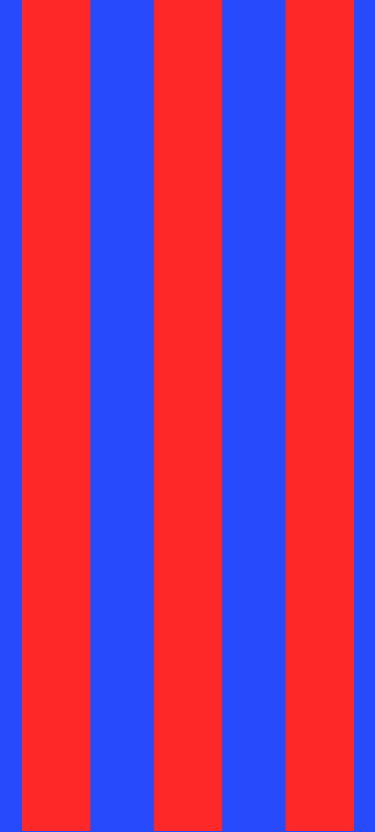
Variety	Sugar/Acre Pr > F (0.05)
L01-299	NS
HoCP04-838	NS
Ho05-961	NS
HoCP09-804	NS
L11-183	NS
L12-201	NS
Ho12-615	NS



Seed Cane Source

Field Run vs Sugar Tech

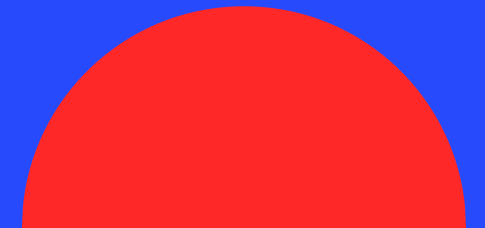
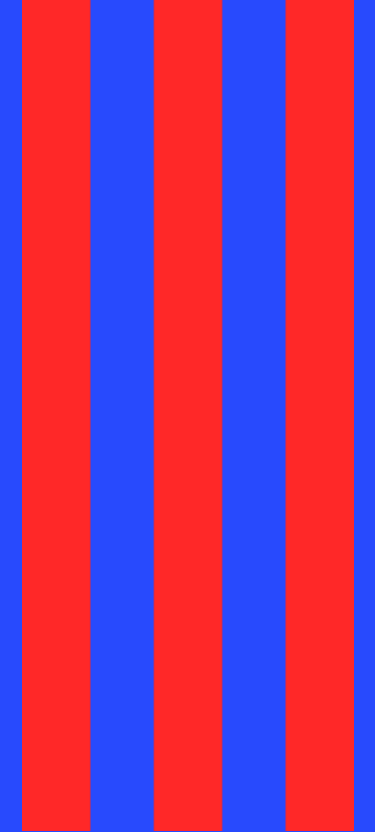
Variety	Stalk Weight Pr > F (0.05)
L01-299	NS
HoCP04-838	NS
Ho05-961	NS
HoCP09-804	NS
L11-183	NS
L12-201	Significant
Ho12-615	Significant



Seed Cane Source

Field Run vs Sugar Tech

Variety	Population Pr > F (0.05)
L01-299	NS
HoCP04-838	NS
Ho05-961	Significant
HoCP09-804	NS
L11-183	NS
L12-201	NS
Ho12-615	NS



By-Product Gypsum

An aerial photograph of an industrial facility, likely a carbon black plant, showing various buildings, storage tanks, and infrastructure. The image is overlaid with a semi-transparent blue filter.

- Cabot Corp. produces carbon black for elastic polymer reinforcement and specialty carbons.
- To reduce sulfur, emissions are treated with lime.
- By-product gypsum is produced in excess and currently trucked long distances to land fills.
- Gypsum is a good source of sulfur, and field application is feasible.



LOUISIANA DEPARTMENT OF AGRICULTURE & FORESTRY
MIKE STRAIN DVM
COMMISSIONER



May 15, 2023

Brooke Tharp
Regional Environmental & Sustainability Manager
Cabot Corporation
P.O. Box 598
Franklin, LA 70522

Agricultural &
Environmental
Sciences
Suite 3000
(225) 925-3770
Fax: 925-3760

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Suite 5000
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Animal Health
& Food Safety
Suite 4000
(225) 925-3962
Fax: 925-4103

Forestry
Suite 6000
(225) 925-4500
Fax: 922-1356

Management
& Finance
Suite 1000
(225) 922-1255
Fax: 925-6012

Soil & Water
Conservation
Suite 7000
(225) 922-1269
Fax: 922-2577

RE: Approval of Best Management Practice – Cabot Corporation – Beneficial Use of Gypsum as Soil Amendment

Brooke Tharp:

The BMP you submitted for beneficial use of gypsum in the manner indicated, has been reviewed by this office. The proposed BMP is acceptable with the condition that the gypsum transport to any storage, staging sites, or end users for land application be submitted as an amendment to the BMP plan. With this assurance and by copy of this letter, with BMP attached, we are notifying DEQ of our approval.

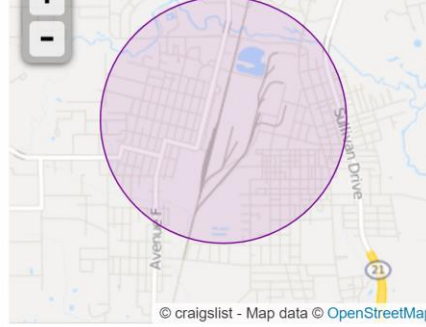
If any changes occur in your gypsum analysis and/or land application recommendations that may warrant revisions or amendments to your BMP plan, please notify this office so that appropriate revisions/amendments may be considered.

Please do not hesitate to contact us if you have any questions or require any assistance in this matter.

Theron Phillips

Agri. Enviro. Spec. Admin. Coordinator
LDAF/Office of Soil and Water Conservation
5825 Florida Blvd. Suite 7000 Baton Rouge, LA. 70806
225-922-1269

cc: Robert Thomas, LDEQ-Solid Waste Division, w/attachments



Biochar



We're going to be stocking an initial inventory of American BioCarbon Bio Char next week at Local Cooling Farms.

The quality of this, made in Louisiana from sugar cane fiber, bio char is in line with professional quality standards.

Go to <https://biochar-us.org/index.php/welcome-biochar-learning-center> for some great information.

On feeding to cattle go to <https://biochar-us.org/biochar-and-livestock>

Our introduction price is \$247.00 per cubic yard (in a supersack tote) picked up from the farm in Bogalusa, La. We can load your open pickup/trailer. Average weight is +- 800 lbs per cubic yard.

Also available by the cubic foot (7.48 gallons) for \$15.00.

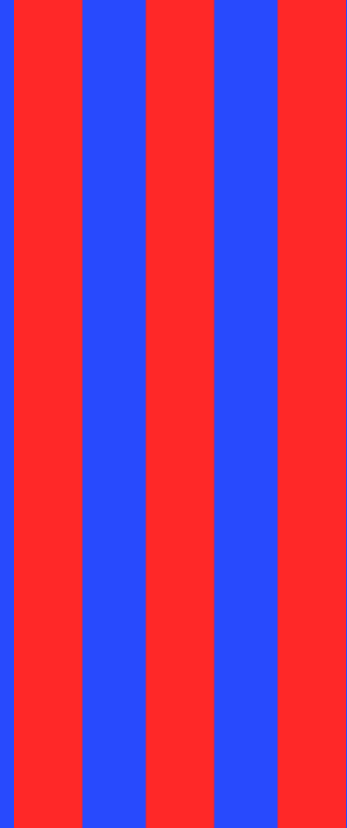


BEST MANAGEMENT PRACTICES FOR BIOCHAR USE IN SUGARCANE



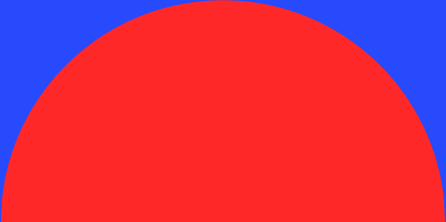
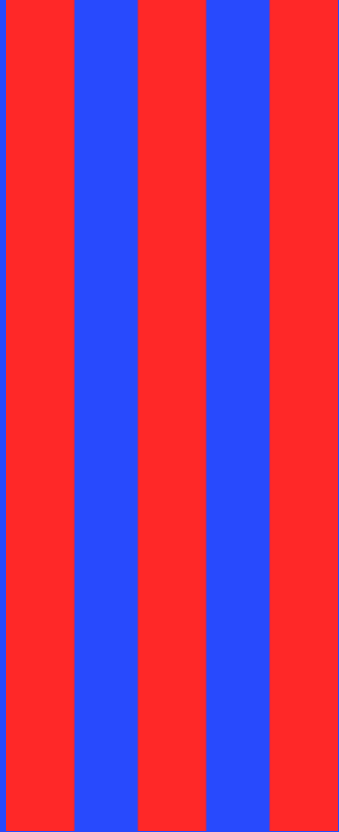
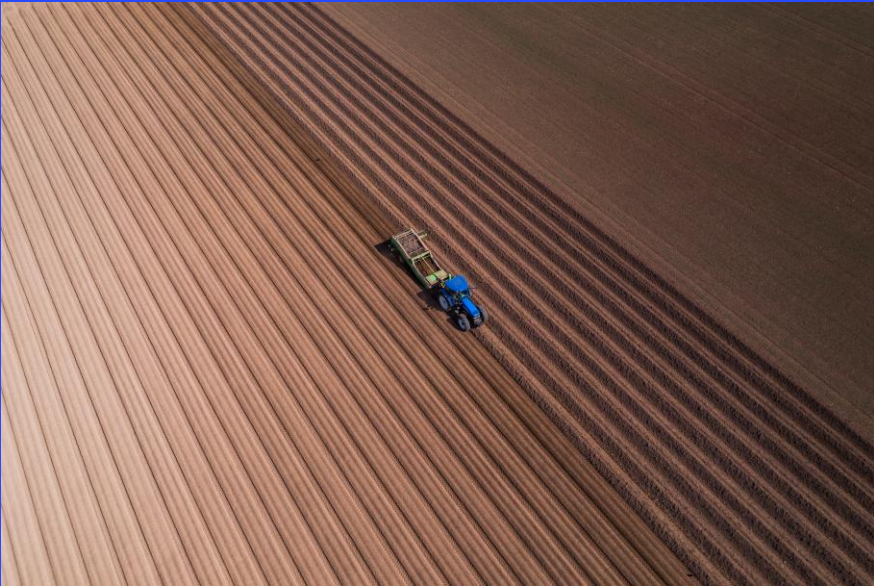


Solar Panels



Sustainable Sugarcane Production

[\(Click here for more information\)](#)



Anonymous

“All of us could take a lesson from the weather. It pays no attention to criticism.”

