

C.M. Stripling Irrigation Research Park

Monthly Newsletter

April 2023



Left:
Corn already
emerging in
the Access
field.

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College of Agricultural &
Environmental Sciences
UNIVERSITY OF GEORGIA

From the Sr. Agriculture Specialist

B. J. Washington

Well, Spring has sprung and the GNATS are back!! March was rather mild at SIRP with the highest temperature being 85.1 on the 26th however, there was a low temperature of 30.1 on the 20th. Winter's last grab! We also received 3.66 inches of rainfall over eleven events.

Alas, field work has commenced! Which means the SIRP staff has been able to get out of the meeting rooms, office, and shop, and back in the fields! We have been busy with spraying for cover crop termination, spreading of fertilizer, tillage, and planting of this year's corn crop. Doctors Kemerait, Porter, and Sintim corn plots are up and growing nicely. I was also able to attend the superintendent and farm manager meeting at Jekyll in early March. It is always good for us to be able to get together and exchange ideas and discuss the happenings at each REC, and to get information from our upper administration and others within the university so that we may all be successful.

I would also like to congratulate J. Dorsey on his retirement and wish you all the best in your future endeavors.

Finally, I would like to welcome back "The Man, The Myth, The Legend", Mr. Calvin Perry! Mr. Calvin has rejoined the SIRP staff after a brief hiatus. He is a retire/rehire, working on a part time basis; however, one might be surprised at how much I can get out of him in two and one-half days a week! Welcome back and we look forward to your guidance as the search continues for the new superintendent here at SIRP.

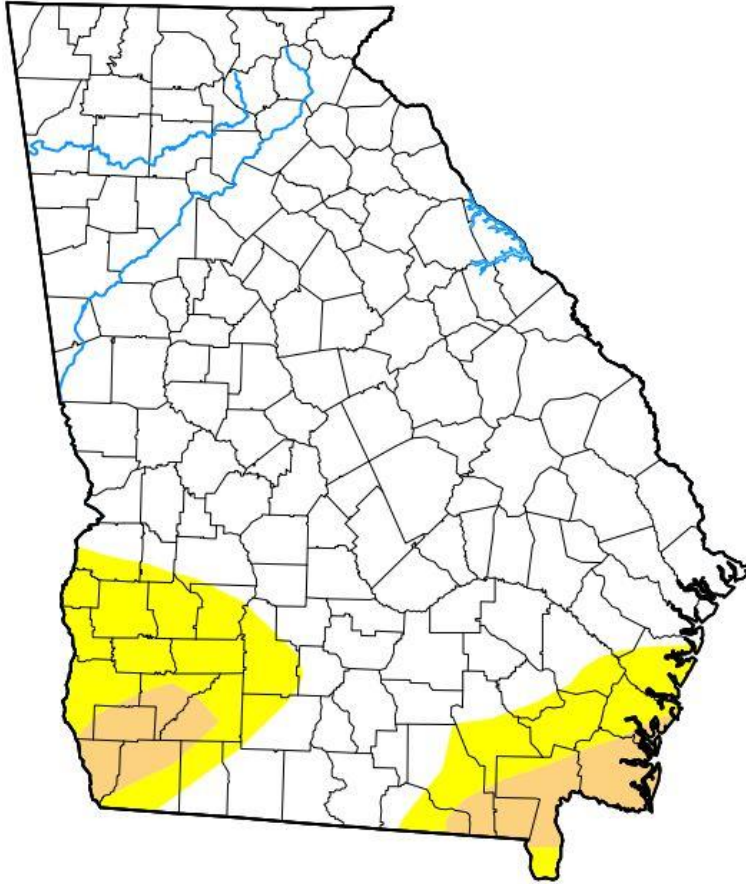
As always thanks for your support to SIRP and UGA!



Drought Conditions

U.S. Drought Monitor Georgia

March 28, 2023
(Released Thursday, Mar. 30, 2023)
Valid 8 a.m. EDT



Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	82.69	17.31	5.00	0.00	0.00	0.00
Last Week 03-21-2023	82.69	17.31	5.07	0.00	0.00	0.00
3 Months Ago 12-27-2022	46.36	53.64	27.82	4.81	0.00	0.00
Start of Calendar Year 01-03-2023	46.36	53.64	28.04	4.81	0.00	0.00
Start of Water Year 09-27-2022	76.20	23.80	0.00	0.00	0.00	0.00
One Year Ago 03-29-2022	43.84	56.16	32.14	0.00	0.00	0.00

Intensity:

- None
- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

Author:

Curtis Riganti
National Drought Mitigation Center



droughtmonitor.unl.edu

Drought Monitor map for Georgia as of March 28, 2023. Dry conditions exist across the lower part of the state. Currently, 17% of GA is abnormally dry, 5% is in moderate drought and 0% is under severe drought conditions. For more info:

<https://droughtmonitor.unl.edu/CurrentMap/StateDroughtMonitor.aspx?GA>



Events

Past events

March 14	FRSWCD mtg.
March 15	Pecan Update (Mitchell Co. Ag Center)

Upcoming events

April 11	FRSWCD mtg.
May 9	FRSWCD mtg.
May 18 - 19	Integrative Precision Ag Conference (Athens)
May 29	Memorial Day
June 6 - 7	4H2O Camp
June 13	FRSWCD mtg.



In The News

[Trees For The Future: Developing Climate-Adapted Pecans](#)

[Global Fertilizer Market Update](#)

[Georgia Agriculture Awareness Week Celebrates Farmers](#)

[UGA Water Efficiency Team Dedicated to Helping Producers](#)

[Titanic robots make farming more sustainable](#)

[Researchers find clue to help plants grow with low phosphorus levels](#)

[USDA-NRCS in Georgia Extends Signup for IRA-Funded Conservation Programs](#)

[Producers, Public Invited to April Meeting of Federal Advisory Committee for Urban Agriculture and Innovative Production](#)

[FFA: Agriculture teaches essential work ethic and connectivity](#)

[9 stories to read for 2023 planting](#)

Videos / Podcasts:

[Peterson Farm Bros. give a Def Leppard classic a farm twist](#)

[Peanut Farmers Urged to Prepare for Planting Season](#)



At the Park



J & B Irrigation installing VRI upgrade controls in the Newton Lateral, Camilla Lateral & the VRI fields.



At the Park

Right:
Strip-tilling in the
Access field

Below:
Marking alleys in
the Access field.



At the Park



Dr. Sintim's crew calibrating and applying dry fertilizer in the Access field.



At the Park

Right:
Strip-tilling &
planting corn in the
Access field.



Below:
Strip-tilling in the
Lindsay Lateral
field.



At the Park

Superintendents' meeting in Jekyll.

Right: Dr. Harsha Thippareddi and 4-H Director Richard Chewing showing the size of a whale skull.



Below: Touring the reptile and amphibian room at Camp Jekyll



Trivia/Puns/Riddles

What year was the very first model of the iPhone released? 2007

What was Twitter's original name? twttr

What is the symbol for potassium? K

What animals are pearls found in? Oysters

How many films did Sean Connery play James Bond in? Seven

In what year was Broadway established? 1750

What is the longest-running Broadway show? The Phantom of the Opera

Which company owns Bugatti, Lamborghini, Audi, Porsche, and Ducati?
Volkswagen

What or who is the Ford Mustang named after? A fighter plane from WWII

What is the name of the home of the Greek Gods? Olympus

According to the commercial, "what is the fabric of our lives"? Cotton

The American designer born in 1939 as Ralph Lifshitz is better known as what?
Ralph Lauren

What are the surnames of the father-son duos who both served as US presidents?
Adams and Bush

Which animal symbolizes good luck? Ladybug

What classic video game requires you to eat all the dots throughout a maze?
Pac-Man



Ag Facts

One pound of wool can make 10 miles of yarn. There are 150 yards (450 feet) of wool yarn in a baseball.

Most soybeans grown in the U.S. go toward feeding livestock, but they're also used in the production of other goods like crayons. One acre of soybeans can produce 82,368 crayons.

Horses are the original man's best friend. They have the largest eyes of any land mammal, and their teeth take up more room in their head than their brain. Although the average domesticated horse has a lifespan of 20-25 years, the oldest horse ever recorded was "Old Billy" at 62 years old.

When farm animals go to market for food, no part of that animal goes to waste. There's over 185 uses for a pig ... from brushes to paint, heart valves, fine china, cigarette filters, bullets, desserts, cement, renewable energy, etc.

One bushel of corn produces enough syrup to sweeten 324 cans of soda pop.

Soybeans are used to make fortune cookies, pizza dough and ink for newspapers.

Beef fat, called tallow, is an ingredient in soaps, cosmetics, candles, shortenings, and chewing gum.

It takes the hide of 3.8 steers to make 72 footballs.

Insulin is made from a pig's adrenal gland and helps people with diabetes lower their blood sugar.

Like snowflakes, no two cows have exactly the same pattern of spots.

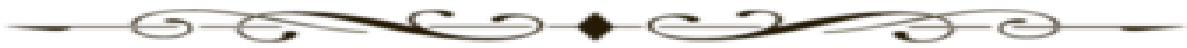
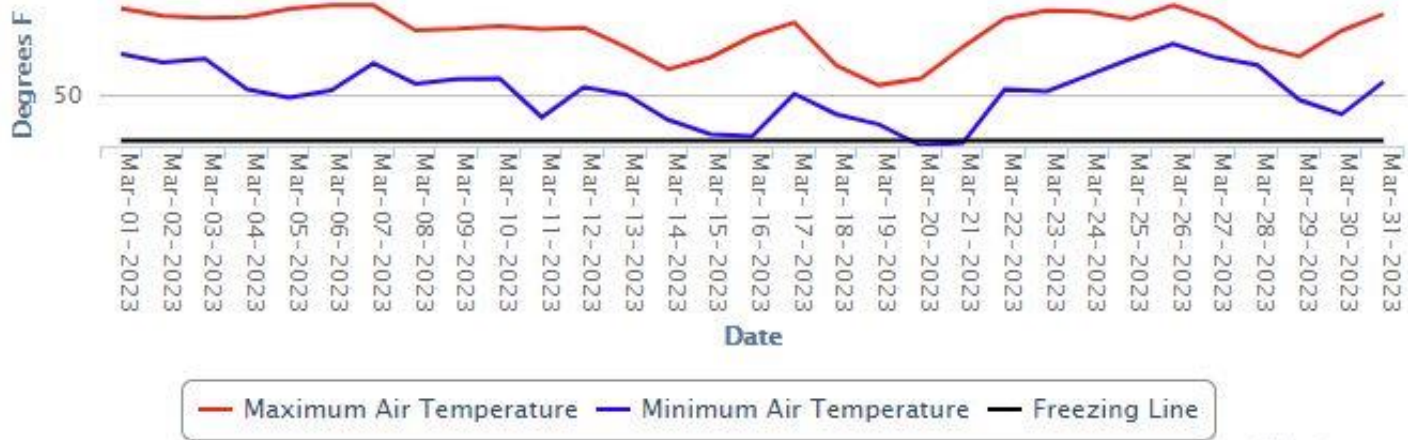
Biotechnology in plant agriculture has come to mean the process of intentionally making a copy of a gene for a desired trait from one plant or organism and using it in another plant. The result is a GMO (genetically modified organism).

Before they reach the market, crops from GM seeds are studied extensively to make sure they are safe for people, animals and the environment. Today's GM products are the most researched and tested agricultural products in history.



SIRP Weather

Maximum Temperature, Minimum Temperature



Daily Cumulative Rainfall



For March, SIRP had 3.66 inches of rainfall, compared to 2.88 inches in February, 4.80 inches in January, and 2.13 inches in December.

To explore weather information, visit www.georgiaweather.net.



Contact Information



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Trivia / Riddle:

Which fruit has more genes than humans?

Answer: Tomatoes

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