

IRWIN COUNTY EXTENSION AGRICULTURE NEWS - Vol. 33 Mon. Sep. 26, 2022

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In this issue: Recent/Upcoming, Hurricane Ian Update, Hurricane Preparedness and Recovery, Upcoming Events, Defoliation/Harvest Update, Peanut Row Crop Update Irwin County 4-H Club Fundraiser

Recent/Upcoming

The sunshine last week was a blessing for the most part, however some areas of the county could use or could have used a shower of rain. Now we are soon to deal with Ian. According to Dr. Scott Monfort, UGA Peanut Agronomist, "Only dig the risky fields from disease, poor stem strength, or over mature with nuts coming loose in hull. If vines are healthy leave them in the ground until the storm passes." Also note those low-lying fields and make your decision on what to do prior to the hurricane. According to Dr. Camp Hand, UGA Cotton Agronomist, "If your crop has been defoliated in the last week, pick it ASAP particularly if you have a variety prone to "falling out". If not, hold off defoliating until the storm passes." In talking with a farmer and also calling Dr. Monfort we are seeing lower grades and lower yields than expected. Many peanut samples have been run - we are just over 175. We've been checking peanuts in the field, at the office and looking at many cotton fields to determine defoliation timing (more information below). Don't forget now is a good time to pull those nematode samples. Contact your Irwin County Extension Office for more information – we will do our best to keep you informed this week!



Howard Swanson Jr - Skip Row Cotton



David Wilson and Brian Dill – Plowing up some good-looking peanuts – a beautiful scene to me



Jeffery Ross, Jackson Ross, Craig Daniels at office Picking peanuts



Facebook UGA Extension Irwin County - video

Hurricane Ian Update

Knox

A lot has changed since Friday! As of 5 am this morning, Ian became a hurricane as it moved into more favorable conditions. It is expected to become a major hurricane by tonight when it is expected to cross over western Cuba on its way to the Eastern Gulf. From there it will move north to near Tampa, where the models this morning are showing it is likely to slow down there before moving on. That is good news for us, since it gives us more time to prepare, but potentially devastating for Tampa, since they will be under hurricane force winds and could see a storm surge of up to 8 feet.

After Tampa, the hurricane models split into two potential paths. The forecast cone this morning is a compromise between the two paths, so that may not be where Ian actually goes. You will experience different impacts depending on which path is the one Ian actually takes. If it takes the eastern track (right half of cone), we will see the strongest winds near the coast and western GA may not see much rain at all, but rain, winds, and storm surge in coastal areas will be significant. If it takes the western track (left half of cone), most of Georgia will be near or to the east of Ian's center, and that means high winds, heavy rain, isolated tornadoes over a wide part of the state. Winds could reach up to 60 mph and potentially higher if Ian does not weaken as expected after it leaves Tampa. Rainfall is likely to be several inches in areas near and to the east of the center and less farther west and north except in the mountains.

The timing of the storm impacts also depends on the ultimate path of Ian, so forecast changes are likely. At this time, it seems likely that SE GA will see the first impacts as wind and rain come to that region as early as Wednesday. More likely, impacts will begin overnight on Wednesday into Thursday, although if Ian stalls near Tampa, you could have a little time on Thursday morning in south GA to get last minute outdoor work done, although I would not count on it. In north GA, impacts will start later on Thursday. We

could see Ian affecting the state most of the day on Friday as it moves through, with impacts ending from south to north over time on Saturday.

Now is the time to get ready if you have not already. Make sure your vehicles are fueled up, especially if you might need them to evacuate if you live in a vulnerable location. Make sure you have food and water stored for your families, pets, and livestock to cover several days. Be prepared for power outages caused by high winds knocking over trees and poles that could last for up to a few days if you are in the direct path of the storm. If you have a generator, make sure you know how to use it correctly before the storm starts--Extension has some excellent resources available to cover this. Take any loose items inside so they don't become projectiles in the strong winds. Make sure your electronics are all charged so you can use them after the storm. Move your cars, machinery, and animals out of low-lying areas that are likely to flood.



Key Messages for Hurricane Ian

Advisory 14: 11:00 AM EDT Mon Sep 26, 2022



1. Life-threatening storm surge, hurricane-force winds, flash floods and possible mudslides are expected in portions of western Cuba beginning this evening and continuing into Tuesday. Devastating wind damage is possible where the core of Ian moves across western Cuba. Efforts to protect life and property should be rushed to completion.

2. Life-threatening storm surge is possible along much of the Florida west coast, with the highest risk from Fort Myers to the Tampa Bay region. Residents in these areas should listen to advice given by local officials.

3. Hurricane-force winds are possible in the hurricane watch area in west-central Florida beginning Wednesday morning with tropical storm conditions possible by late Tuesday. Residents in this area should ensure that they have their hurricane plan in place.

4. Heavy rainfall will increase across the Florida Keys and south Florida Tuesday, spreading to central and northern Florida Wednesday and Thursday, potentially causing flash, urban and small stream flooding. Significant prolonged river flooding is likely across central Florida.

For more information go to hurricanes.gov

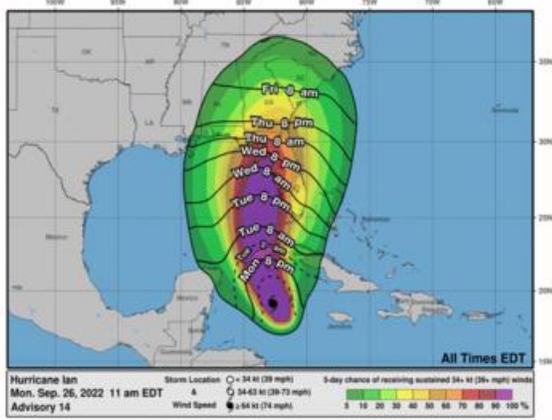


Hurricane Ian
Monday September 26, 2022
11 AM EDT Advisory 14
NWS National Hurricane Center

Current information: x
Center location 19.1 N 82.7 W
Maximum sustained wind 80 mph
Movement NW at 13 mph

Forecast positions:
● Tropical Cyclone ○ Post-Potential TC
S 39-73 mph H 74-110 mph M > 110 mph

Potential track area: Day 1-3 Day 4-5
Watches: Hurricane Trop Stm
Warnings: Hurricane Trop Stm
Current wind extent: Hurricane Trop Stm



Most Likely Arrival Time of Tropical-Storm-Force Winds

Hurricane Ian
Mon, Sep. 26, 2022 11 am EDT
Advisory 14

Storm Location ○ = 34 kt (39 mph)
● = 34-43 kt (39-73 mph)
● = 44-64 kt (50-74 mph)
● = 65-84 kt (75-97 mph)
● = 85-110 kt (98-126 mph)
● = 111-130 kt (127-150 mph)
● = 131-155 kt (151-177 mph)
● = 156-175 kt (178-200 mph)
● = 176-200 kt (201-230 mph)

5-day chance of receiving sustained 34+ kt (39 mph) winds

All Times EDT

Hurricane Preparedness and Recovery Knox

As you get ready for Ian later this week, I want to draw your attention to a great set of resource guides for hurricane preparation and recovery for the Southeast that have been published by the USDA Southeast Regional Climate Hub in the past couple of years. There is a guide for each state but also separate guides for each commodity, including beekeeping, forage, commercial nurseries, pine forests, plus our big commodity crops and many others. You can find them all at [Hurricane Preparation and Recovery Commodity Guides | USDA Climate Hubs](#).

Upcoming Events

- **Water for SW GA's Future: An Informational Program for Local Leaders** Tue Sept 27, 2022 from 9 am-4 pm at Stripling Irrigation Park Camilla, GA (see details from previous newsletter here: <https://extension.uga.edu/county-offices/irwin/agriculture-and-natural-resources/newsletters.html>)
- **GA National Fair Oct. 6-16, 2022** Note: there is a clear bag policy for all fairgoers this year.
- **The Sunbelt Ag Expo - Tuesday October 18- Thursday October 20, 2022** at Spence Field in Moultrie, GA

● **Ag Best Management Practices Related to Water Conservation Survey** (See attachment) Additional printed copies available at our office (estimated time to fill out this survey 10 – minutes)

Defoliation/Harvest Update Hand

I will be contacting some of you today as we will be making before and after cotton small scale harvesting as we did with Michael. I hope this hurricane doesn't even come our way, but this data will be important if we do experience hurricane damage (see below). If you are like me, you have been keeping an eye on the weather forecast a little closer than normal since last Tuesday. Now, will this storm be Hurricane Michael 2.0? Lord I hope not. There are still a lot of uncertainties in the forecast, but we still need to be prepared and make sure that our growers are as well. With that being said, I will not be sending out my usual rates this week because the recommendation will be to **stop defoliating cotton until the storm has passed (in roughly one week)**. If growers have cotton in the field that has been defoliated and they feel comfortable running a picker through, I would advise them to get as much as they could. For example, I have some that was defoliated last Tuesday (9/20) that I plan to pick on this Tuesday (9/27). All of the bolls aren't open, but the leaves are off and I'm going to try and get what I can. If growers have cotton defoliated and are trying to prioritize what to get, there are certain varieties that will likely be more affected than others. For example, if your growers have AR 9831 B3XF or DP 2127 B3XF, those varieties tend to be less "storm proof" and losses will likely be more severe. Information on a variety's storm tolerance should be available on the respective seed companies' website. If you get questions about this and can't find the information you need let me know and I will be happy to help.

What we will do in the next several days here in Irwin County – to document possible Ian Damage

Now, we need to start thinking about potential yield losses from this storm. Hopefully the losses are minimal, but we need to have hard numbers when growers start asking us to help with insurance if losses occur. So, if you have cotton in your county at risk during this storm, here is what I need you to do to help quantify yield losses:

- 1. Find 1-2 fields in your county that are defoliated and get the grower's permission to use that field. (The more locations the better!!!!!! You can do more than 2 if you feel so inclined. If you can't find a defoliated field in your county find one that is nearly 100% open and the leaves haven't been knocked off yet... I guarantee there are some out there like that).*
- 2. Pick 10 ft of row in these fields before the storm hits – Pick an area that is not on the edge and not next to a treeline. Walk into the field a little way to get a good representative sample. Save the cotton you pick.*
- 3. One the storm passes, Monday of next week go back to the same field and pick another 10 ft of row using the same criteria above. Save the cotton you pick.*

Once you have done this, I will come get the cotton you have picked before and after the storm to gin and get an estimate of yield and quality losses from the storm. This will assist you guys greatly when growers begin to ask for help on insurance.

Row Crop Disease Update (Peanut) Kemerait



general wilt and decline



Diplodia collar rot often with plants with TSWV



Dead taproot associated with late season TSWV. White mold typically does NOT kill the taproot.



CBR – red brick fruiting structures

Late-season symptoms of peanut affected by tomato spotted wilt disease can be confusing. The stunting and common foliar “ring spots” and “oak leaves” often associated with tomato spotted wilt may be much evident, replaced by a general yellowing and wilt, possibly with tip dieback, of plants scattered across a field.

The general wilt can be confusing and many times growers will be concerned that they are seeing an explosion of white mold and a failure of a white mold program. Although white mold can be observed on plants also affected by tomato spotted wilt, the late-season symptoms described above a very often the result of spotted wilt alone.

Irwin County 4-H Club Coke Product Fundraiser

See a 4-H member or call our office to order 468-7409 Deadline to purchase Oct 5th. Pickup date is October 25th.

Case of 24 20 oz drinks \$24

Coke, Coke Zero, Diet Coke, Pibb Extra, Pibb Zero, Mellow Yellow, Fanta Orange, Fanta Grape, Sprite, Sprite Zero, Cherry Coke, Dasani, Minute Maid Lemonade, Minute Maid Fruit Punch, Minute Maid Peach

Case of 24 20 oz drinks \$25

Powerade Fruit Punch

Case of 24 20 oz drinks \$26

Smartwater

As always for more information contact your Irwin County Extension Office.

*Thank You, God Bless You,
Phillip Edwards - Irwin County Agent*



The mention of trade names in this newsletter does not imply endorsement by the Georgia Extension Service, nor criticism of similar ones not mentioned.

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