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**IRWIN COUNTY EXTENSION AGRICULTURE NEWS - Vol. 11 Mon. Mar. 28, 2022**

**Phillip Edwards Irwin County Extension Coordinator**

*In this issue: Recent, Meetings/Events, Thank You Sponsors, Peanut Awards, IMPORTANT - Using Pesticides Wisely Training, Small Grains Irrigation, Row Crop Disease Update, GA Corn Blog, Wheat Disease, Precision Ag Update, Got Chickens, Better Beef Systems Extravaganza, GA HERD Sale, Cotton Trust Protocol, Ag Pest Clean Day, Important Links and Info*

**Recent**

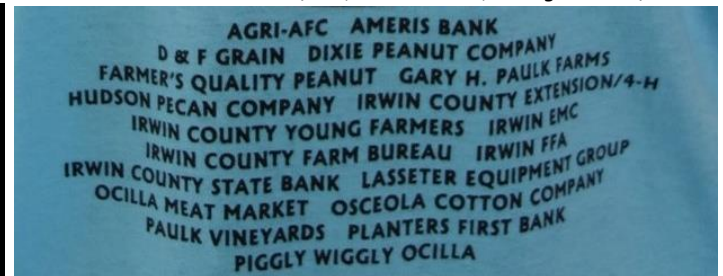
*Wheat Heading - Anthesis across the field is the recommended time of application of fungicide fusarium head blight. A good way to see if once you see anthesis on the field edge (usually shows up here first) then wait from 2-5 days to make your fungicide application. Be scouting your wheat. The following are fungicides recommended for control of FHB: a. metconazole (Caramba), propiconazole (Tilt), prothioconazole (Proline), tebuconazole (Folicur), prothioconazole + tebuconazole (Prosaro), pydiflumetofen + propiconazole (Miravis Ace) More information on FHB can be found in the extension publication C1066 <https://extension.uga.edu/publications/detail.html?number=C1066> or on p. 51 of the 2021-2022 Wheat Prod. Guide and p. 365 of the GA Pest Management Handbook 2022.*

**The 2022 Ag Awareness Day was Dedicated to Betty Metts**



Betty Metts with Irwin Co. Farm Bureau was honored at Ag Day. This event is coordinated Irwin Extension/4-H, Farm Bureau, Young Farmers/FFA

- |                        |                      |
|------------------------|----------------------|
| Adama                  | CASE Farm            |
| GA Bee Supply          | GA Cotton Commission |
| GA Forestry Commission | GA Peanut Commission |
| Hudson Pecan           | Irwin 4-H            |
| Irwin EMC              | Irwin FFA            |
| Lasseter Equipment     | Osceola Cotton Gin   |
| Paulk Vineyards        | UGA CAES             |
| USDA NRCS              |                      |



Thank you to all of the exhibitors for sharing your knowledge with our 5<sup>th</sup> graders

Thank you to the many sponsors for your contributions to this annual event

**Meetings/Events – Please call if you have any questions and to sign up for these meetings in BOLD – WATCH FOR UPDATES, ADDITIONS AND REVISIONS. All of the times are correct. Pesticide credits for meetings in BOLD.**

Meeting/Events	Date	Location
Precision Ag Tech Workshop	Mar 31, 2022	Albany (more info below)
Peanut Achievement Club Awards Due	Fri Apr 1, 2022	Contact Irwin County Extension Office
<b>Using Pest Wisely Training Certification</b>	<b>Mon Apr 4, 2022 11:15-Noon</b>	<b>CASE Farm (Stay for noon meal), (more info below)</b>
<b>Peanut and Cotton Insect Update</b>	<b>Monday Apr 4, 2022 Noon</b>	<b>CASE Farm - Gay's Seafood served</b>
Backyard Poultry Flock Zoom	Tue Apr 5, 2022 12-1	(see flyer below)
Better Beef Systems Extravaganza	Tue Apr 5, 2022 8:00 am	UGA Animal Science Farm Tifton
<b>Beef Cattle Update</b>	<b>Tue Apr 7, 2022 6:00 pm</b>	<b>Morehead Store</b>
HERD Sale	Tue Apr 19, 2022	UGA Bull Test Station Irwinville
GA Pesticide Clean Day	Tue May 3, 2022	GA National Fairgrounds Perry

**Thank You to our Meeting Sponsors - Americot, Bayer, Chaney Bush Irrigation, Corteva/Pioneer, D and F Grain, Dixie Peanut, Farmers Quality Peanut, Hudson Pecan, Irwinville Ag Services, Nutrien, Osceola Cotton Co., Morehead Pecan, Plant Food Systems, Savage, Shann Peanut, and South Central Gin. Your support is greatly appreciated.**

**Peanut Award Opportunities**

Georgia Peanut Achievement Club, TM Hobbs High Yield Peanut Award Applications for the Georgia Peanut achievement Club have arrived. Please look over your results for 2021 and consider entering. All entries are appreciated and will be forwarded to Dr.

Monfort. So, in Irwin we have two awards the TM Hobbs Irwin County High Yield Peanut Award and the Georgia Peanut Achievement Club Award and our peanut farmers are encouraged to apply. From these award applications we will also recognize the high winner in the county and they will be named the TM Hobbs High Yield Peanut Award winner. There is no acre requirement for the TM Hobbs Award. You will need to have a copy of the FSA 578 form showing all your peanut acres and also bring all of your weight tickets. Call ahead and come to our office and we will assist you with this application. Fifteen winners will be chosen for the GA Peanut Achievement Club. One statewide winner in each of the three acreage categories (100-299.9 acres), 300-699.9 acres), and (700 or more acres). There will also be one district winner from each of the four districts in each of these categories (100-299.9 acres), 300-699.9 acres), and (700 or more acres). In the first two categories, you need to average 4000 pounds per acre or more. If you are in the third category (700 acres and above) you will need to average 3500 pounds per acre or more. Take a look at your total acres, yield, and please consider applying. We have had numerous winners from Irwin County in years past. Our most recent winners of this award were Chip Dorminy and Bucky Tyler.

**Farm Press Peanut Efficiency Award** We have this application on hand here at our office. Peanut growers who consistently produce high-yielding, high-quality crops are deserving of special recognition. Farm Press, in cooperation with the Southern Peanut Growers Conference, has established the Peanut Efficiency Award. Farm Press will present Peanut Efficiency Awards to growers in three major U.S. peanut producing regions. Awards will be based on production efficiency, honoring those growers who produce the highest yields at the lowest cost per acre. Four regional winners are honored and if you're interested you will be in the Lower Southeast Region. Armond Morris was the regional recipient of this award in 2021. The Southern Peanut Growers Conference is set for July 21-23, 2022.

**Using Pesticides Wisely (UPW) Training – GA 2022**

The Using Pesticides Wisely training will be offered at the Irwin County Extension office individually so simply call and we will set up a time for you to go through the 1-hour training. A UPW Training is set for Monday April 4 at 11:15 at the CASE Farm followed by a Peanut and Cotton Insect Update. If you do not attend then you will have to come to the office to be trained prior to April 15<sup>th</sup>.

**IMPORTANT: If you attended the Ext. Weed Management Meeting on Feb. 3 at Morehead Store (116 of you did) then your training obligation has been met for applying Engenia, Tavium, and XtendiMax in 2022. ALL applicators of Engenia, Tavium, & XtendiMax herbicides must have a private pesticide license; ALL applicators driving a tractor/sprayer applying these herbicides must attend a UPW Training during 2022 prior to using these products. Must be trained by April 15, 2022.**

**Irrigating Wheat and other Small grains**

We know that small grains yield better with a dry sunny spring but we can benefit from irrigation at times, especially during grain fill. Dr. Wes Porter, UGA, says he normally recommends ET replacement on small grains and this time of year we are at or above .10" to .15" per day putting us at 0.75 to 1" per week. And this follows the Univ. of Florida small grains crop water use curve in the 2<sup>nd</sup> slide below as well. You can get the ET rates from your local UGA weather station.

We need to avoid watering during bloom to keep from making Fusarium Head scab disease worse. Then, follow the ET rates or as a rough guide: 0.75 to 1 inch a week if we don't get it from rain or snow, lol.

Stop watering when we get to the hard dough stage if we have moisture.

**Irrigation of Small Grains**

- Do better with a dry spring – Sunshine
- Can benefit from water during Grain fill especially
- 1:1 with ET rates is ok( per Dr. Wes Porter)
- Try not to water during bloom

Water just before that at Flag leaf and continue after blooming – 0.75 to 1 inch a week with checkbook method

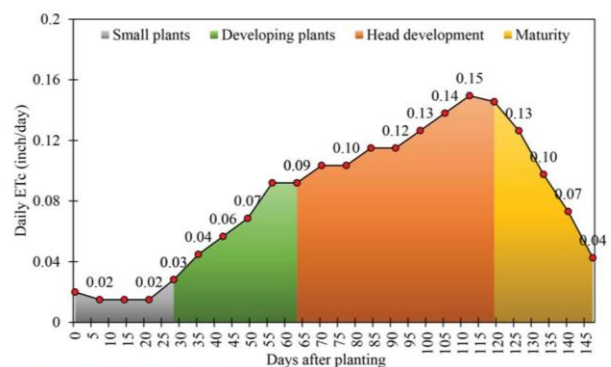


Figure 13. Small grains crop water use (inches/day).  
 Credits: Wes Sharma, UF/IFAS  
**0.75 to 1 inch per week during Grain Fill**  
 CROP WATER USE AND IRRIGATION SCHEDULING GUIDE FOR NORTH FLORIDA<sup>1</sup>

**Row Crop Disease Update Kemerait**

Planting field corn is well-underway along the Coastal Plain of Georgia, though not yet in full-swing in northern parts of the state. Decisions to be made in my arena now by corn growers include a) use of nematocides and b) whether or not to use Xyway LRF, marketed by FMC of "season long control" of disease to included northern and southern corn leaf blights and gray leaf spot.

For use of nematicides, from results from my studies:

1. Under moderate threat from root-knot nematodes, I expect similar yield gains from Counter 20G (5-5.5 lb/A) to Propulse (8.0 fl oz/A) to Velum (3.0 fl oz/A). Yield increases would be in the neighborhood of 10-20 bu/A.
2. Where threat is from sting and stubby root nematodes, the potential for yield improvement may be as high as 65 bu/A. In such situations, Counter 20G (5.5 lb/A) is some better than Propulse (8 fl oz/A) which is some better than Velum (3 fl oz/A).
3. Remember: No ALS herbicides with Counter 20G; do not mix starter fertilizers with Velum or Propulse.

Xyway LRF (flutriafol) is NOT to be placed directly in-furrow on the seed. According to our colleagues at FMC, Xyway LRF is best applied in a "2 X 2" pattern (2 inches to the side of the seed furrow and 2 inches deep). Dr. Bruce Stripling says where 2 X 2 is NOT practical, perhaps because of a rock soil, a "2 X 0" can be used where Xyway LRF is dribbled at the max rate, 15.2 fl oz/A, on the soil surface.

These recommendations are from FMC; I have not had a trial where I can TRULY judge the season-long benefit of Xyway for diseases like northern and southern corn leaf blights. My suggestion to growers is that if they choose to use Xyway LRF, consider leaving a couple of passes "untreated" to see what difference the fungicide made in terms of disease control and yield.

## GA Corn Growers Association Blog Lee

Use the link here: <https://georgiacornrowersblog.com/2022/03/26/a-good-reason-to-know-corn-physiology%ef%bf%bc/>

## 2022 Wheat Disease and Fungicide Update Ethredge, Martinez-Espinoza

1. **Foliar Diseases** – Recent weather patterns in the southern US can contribute to the dispersal and establishment of wheat diseases. Critical wheat growth stages are quickly approaching; therefore, scouting of wheat fields should commence or increase if already occurring. Protecting the flag leaf from foliar diseases is critically important for yield preservation. The decision whether or not to apply a fungicide should be made by carefully weighing variety planted, yield potential, and if current environmental conditions are conducive for disease development at each specific site. Just this week, 3-15-22, Stripe rust has been found in a couple of southwest Georgia counties so we need to be looking closely for it. When seen from a distance it often looks like a dry area, that just looks odd. Here's some images from the UGA Stripe Rust brochure. [https://secure.caes.uga.edu/extension/publications/files/pdf/C%20960\\_4.PDF](https://secure.caes.uga.edu/extension/publications/files/pdf/C%20960_4.PDF)



Figure 4a. Mature symptoms of stripe rust. Infected plant tissue becomes brown and dry.



Figure 4b. Mature symptoms of stripe rust. Infected plant tissue becomes brown and dry.

Current Extension recommendations are to apply a fungicide anytime stripe or leaf rust is found in a field and when other foliar diseases (powdery mildew, stagonospora leaf/glume blotch, tan spot) are progressing up the plant and reach two leaves below the flag leaf. Bear in mind that Powdery mildew tends to diminish as temperatures consistently reach above 75°F and RH falls below 85%. Below are the fungicides available for control of foliar diseases.

- a. **Triazoles** – metconazole (Caramba), propiconazole (Tilt, Popimax), prothioconazole (Proline), prothioconazole + tebuconazole (Prosaro), and tebuconazole containing products (Folicur, others)
- b. **Strobilurins** – azoxystrobin (Quadris, Equation, Satori), fluxastrobin (Evito), picoxystrobin (Aproach), pyraclostrobin (Headline)
- c. **Mixed mode of action** – benzoyindiflupyr + propiconazole + azoxystrobin (Trivapro), cyproconazole + picoxystrobin (Aproach Prima), fluoxapyroxad + pyraclostrobin (Priaxor), fluoxapyroxad + pyraclostrobin + propiconazole (Nexicor), flutriafol + fluoxastrobin (Fortix, Preemptor), fluxastrobin + tebuconazole (Evito T), flutriafol + azoxystrobin (Topguard), pydiflumetofen + propiconazole (Miravis Ace), propiconazole + azoxystrobin (Quilt, QuiltXcel), azoxystrobin + cyproconazole (Azure Xtra), propiconazole + trifloxystrobin (Stratego), prothioconazole + trifloxystrobin (Stratego YLD, Delaro 325), pyraclostrobin + metconazole (Twinline, Multiva), tebuconazole + trifloxystrobin (Absolute, Absolute Maxx), and tebuconazole + azoxystrobin (Custodia)



A complete list of products, rates, timings, restrictions, etc. can be found on pages 49-52 of the 2021-2022 Wheat Production Guide <https://grains.caes.uga.edu/content/dam/caes-subsite/grains/docs/wheat/Wheat-Production-Guide-2021.pdf> and pages 363-365 of the 2022 Georgia Pest Management Guide. **The section in the Wheat Production Guide contains a wheat fungicide efficacy table developed by the North Central Extension and Research Committee (NCERA-184).**

2. **Fusarium Head Blight/Head Scab** – Fusarium Head Blight requires humid/wet weather coinciding with wheat at **flowering** growth stages for infection to occur. There are no symptoms or signs to scout for, therefore, we rely on weather conditions and predictions. The FHB risk tool <http://www.wheatscab.psu.edu> is now live and available. The platform has been re-designed with new features added so it is important to familiarize yourself with the content again. The application window for chemical control is very tight and must occur during anthesis/flowering. The following are fungicides recommended for control of FHB:

- a. metconazole (Caramba), propiconazole (Tilt), prothioconazole (Proline), tebuconazole (Folicur), prothioconazole + tebuconazole (Prosaro), pydiflumetofen + propiconazole (Miravis Ace)

More information on FHB can be found in the extension publication C1066 <https://extension.uga.edu/publications/detail.html?number=C1066> or on page 51 of the 2021-2022 Wheat Production Guide and page 365 of the Georgia Pest Management Handbook 2022.

### Precision Ag Technology Workshop

Register using QR Code or use this link

<https://events.attend.com/f/1383794504#/reg/0/> Learn more about precision planting, precision soil mapping and soil sampling, sustainability, and economics and decision making. Free and lunch is provided.

#### Schedule:

- 9:00 – 9:15 Welcome
- 9:20 – 10: 05 Concurrent Sections 1 – Topic 1, Topic 2, Topic 3
- 10: 15 – 11:00 Concurrent Sections 2 – Topic 1, Topic 2, Topic 3
- 11:10 – 11: 55 Concurrent Sections 3 – Topic 1, Topic 2, Topic 3
- 12:00 – 12:30 Lunch
- 12:30 – 1:30 Economics and Decision-Making Keynote and Raffle Drawing
- 1:30 End



March 29, 2022

Statesboro  
Joe Kennedy Conference Center of  
Ogeechee Technical College  
1 Joe Kennedy Blvd  
Statesboro, GA 30458

Register online:



March 31, 2022

Albany  
Merry Acres Inn & Event Center  
1500 Dawson Rd  
Albany, GA 31707

Register online:



### Got Chickens – or Other Poultry?

If so consider logging into this webinar at:

<https://fvsuag.zoom.us/j/9483794504>

where you can find out more about starting a layer flock, layer production: egg quality and egg candling, biosecurity: steps to protecting your flock.



## POULTRY FARMING: BACKYARD STYLE

Tuesday,  
April 5, 2022  
Noon – 1 p.m.

#### Speaker:

Claudia Dunkley, PhD  
Extension Poultry Scientist, University of Georgia

#### Moderator:

Joshua Dawson  
FVSU County Extension Agent, Lowndes County

#### Topics:

- ▶ Starting a Layer Flock
- ▶ Layer Production: Egg Quality and Egg Candling
- ▶ Biosecurity: Steps to Protecting Your Flock

Register for this virtual meeting at this link:  
<https://fvsuag-update-poultry-farming-20220405>

For more information, contact:  
Kamilah Woodham  
478-825-4329  
kamilah.woodham@fvsu.edu

Watch the simulcast: **LIVE**  
[facebook.com/pg/FVSUCAFST/videos](https://facebook.com/pg/FVSUCAFST/videos)



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## Better Beef Systems Extravaganza "A Beef and Forage Field Day"

Sponsored by the Georgia Commodity Commission for Beef

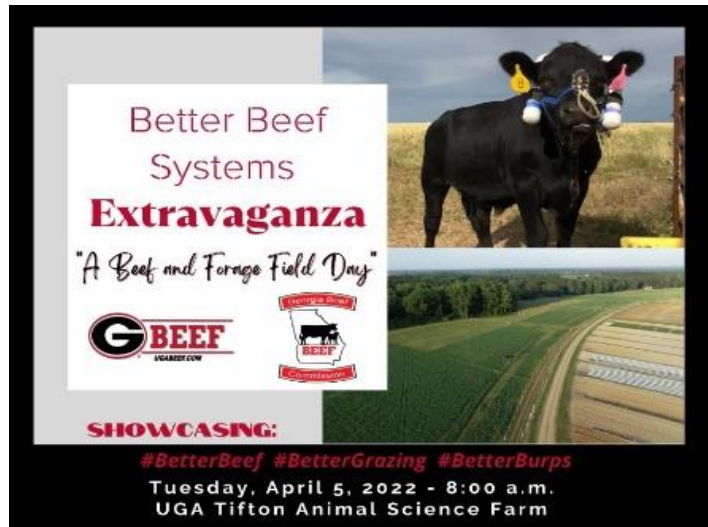
Event Date: Tuesday, April 5th, 2022 @ 8:00 a.m.

Location: UGA Animal Science Farm, Tifton

Online Registration at [https://estore.uga.edu/C27063\\_ustores/web/store\\_main.jsp?STOREID=487&SINGLESTORE=true](https://estore.uga.edu/C27063_ustores/web/store_main.jsp?STOREID=487&SINGLESTORE=true)

Topics Covered

- Sustainability in Beef Production Systems
- Feeding cattle in Georgia
- Alfalfa in the South
- Precision Agriculture in Hay Fields
- Bull Development
- Management Strategies
- And more!

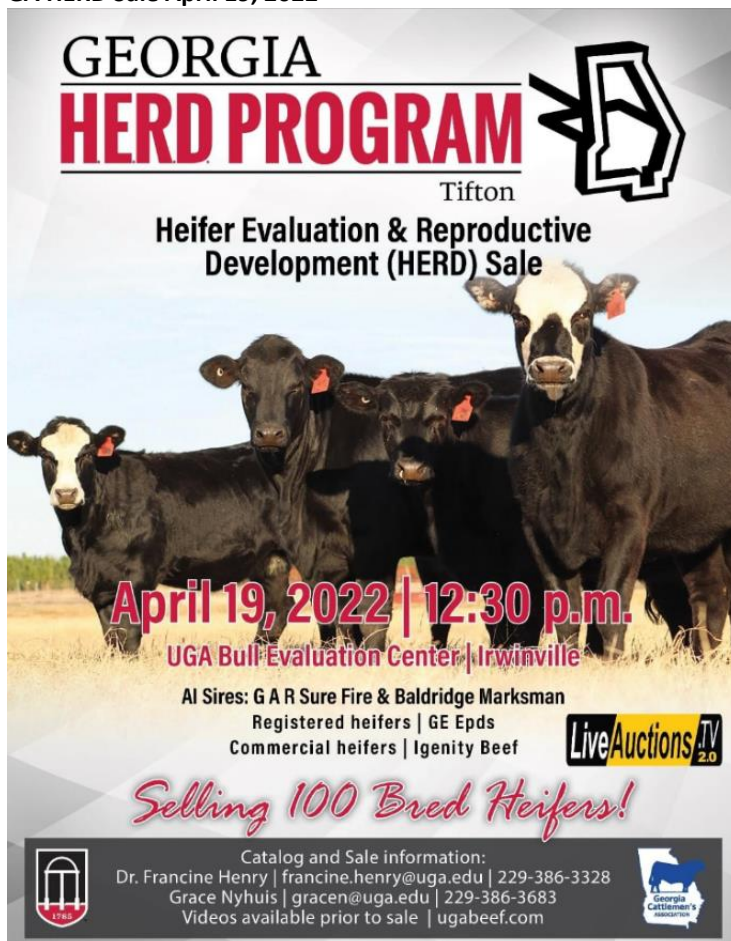


Better Beef  
Systems  
**Extravaganza**  
*"A Beef and Forage Field Day"*

**G BEEF**  
COMMISSION

**SHOWCASING:**  
*#BetterBeef #BetterGrazing #BetterBurps*  
Tuesday, April 5, 2022 - 8:00 a.m.  
UGA Tifton Animal Science Farm

## GA HERD Sale April 19, 2022



**GEORGIA  
HERD PROGRAM**

Tifton

**Heifer Evaluation & Reproductive  
Development (HERD) Sale**

**April 19, 2022 | 12:30 p.m.**  
UGA Bull Evaluation Center, Irwinville

AI Sires: G A R Sure Fire & Baldrige Marksman  
Registered heifers | GE Epds  
Commercial heifers | Igenity Beef

**LiveAuctions TV 2.0**

*Selling 100 Bred Heifers!*

Catalog and Sale information:  
Dr. Francine Henry | francine.henry@uga.edu | 229-386-3328  
Grace Nyhuis | gracen@uga.edu | 229-386-3683  
Videos available prior to sale | ugabeef.com



## Cotton Trust Protocol

Please see the attachment to this email or go to <https://trustuscotton.org/> to find out more.



**Trust in a Smarter Cotton Future**

The U.S. Cotton Trust Protocol® sets a new standard for more sustainably grown cotton.

It brings quantifiable and verifiable goals and measurement to sustainable cotton production and drives continuous improvement in key sustainability metrics.

[Join Now >](#)



## Georgia Pesticide Clean Day Tue May 2, 2022 GA Nat'l Fairgrounds

# Pesticide Clean Day Collection Event 2022

When: Tuesday May 3, 2022  
9:00AM-3:00PM

Where: Georgia National  
Fairgrounds  
401 Larry Miller Pkwy (west gate)  
Perry, GA 31069

ACCEPTABLE MATERIALS  
INSECTICIDES  
GROWTH REGULATORS  
FUNGICIDES  
HARVEST AID CHEMICALS  
NEMATOCIDES  
BACTERICIDES  
HERBICIDES  
MISCELLANEOUS PESTICIDES

**Pre-registration by APRIL 28 is  
MANDATORY**

Please email/mail/fax registration forms to:  
Rick Hayes Georgia Clean Day 2022  
19 MLK Jr. Dr. SW, Room 410, Atlanta, GA 30334  
Email: [ricky.hayes@agr.georgia.gov](mailto:ricky.hayes@agr.georgia.gov)  
Fax number: 404-657-8378

## Important Links and Information

- **2022 UGA Corn Production Guide (NEW)** <https://grains.caes.uga.edu/content/dam/caes-subsite/grains/docs/corn/2022-Corn-Production-Guide.pdf>
- See link for 2022 crop budget information - <https://agecon.uga.edu/extension/budgets.html>
- UGA Statewide Variety Trial Link <https://swvt.uga.edu/>
- UGA Irwin County Extension Webpage <https://extension.uga.edu/county-offices/irwin.html>
- Irwin County Extension Agriculture Newsletters – you can find all of our past newsletters by clicking on the link below. <https://extension.uga.edu/county-offices/irwin/agriculture-and-natural-resources/newsletters.html>
- Check your Georgia Private and Commercial Pesticide License credits here <https://agr.georgia.gov/pesticides.aspx>
- Georgia Forages YouTube Channel <https://www.youtube.com/channel/UCL6DgfaB8V2DRnGxzEBxU3w>
- **Like us on Facebook** – Search **UGA Extension – Irwin County, Irwin County 4-H Club**

*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.*

*COLLEGE OF AGRICULTURAL AND ENVIRONMENTAL SCIENCES, COLLEGE OF FAMILY AND CONSUMER SCIENCES, WARNELL SCHOOL OF FOREST RESOURCES, COLLEGE OF VETERINARY SCIENCES  
The University of Georgia and Fort Valley State University, the U. S. Department of Agriculture and counties of the state cooperating, The Cooperative Extension Service offers educational programs, assistance and materials to all people without regard to race, color, religion, sex, national origin, disability, gender identity, sexual orientation or protected veteran status." An equal opportunity/affirmative action organization committed to a diverse work force.*