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IRWIN COUNTY EXTENSION AGRICULTURE NEWS - Vol. 7 Fri. Mar. 4, 2022

Phillip Edwards Irwin County Extension Coordinator

In this issue: Recent, Meetings/Events, Better Beef Systems Extravaganza, Cotton Trust Protocol, TM Hobbs and GA Peanut Achievement Club, Peanut Efficiency Award, Important Links and Information, Corn Planting, Oats and Wheat, Grass Herbicides for Pre-Plant Burndown Current US Drought Monitor and Aquifer Levels in Tifton

Recent



A great turn out for our Extension Cotton Meeting



Irwin County Junior Market Hog Show



Thanks to Irwin Farm Bureau and Wesley for great meals at the show



Good fun visiting at the Ga Jr Livestock Show



Nace Tucker and Chloe Paulk in Senior Showmanship



State Hog Show Wednesday lunch tradition



4-H and FFA members supporting each other in and out of the show ring

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
Extension Pecan Meeting	Tue Mar 8, 2022 8:30 am (New Time)	Morehead Country Store
USDA FSA ARC/PLC... Election Deadline for 2022	March 15, 2022	
Better Beef Systems Extravaganza	Tue Apr 5, 2022 8:00 am	UGA Animal Science Farm Tifton

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.** We will continue to recognize all of our sponsors and provide a complete listing of all of our sponsors in future newsletters and at our meetings and any other opportunities to recognize your contributions to our efforts to support agriculture. Your support is greatly appreciated.

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

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!

The poster features a black and white photo of a cow in a field. Text on the poster includes: "Better Beef Systems Extravaganza", "A Beef and Forage Field Day", "G BEEF", "SHOWCASING:", "#BetterBeef #BetterGrazing #BetterBurps", "Tuesday, April 5, 2022 - 8:00 a.m.", "UGA Tifton Animal Science Farm", "Topics Covered" (listing sustainability, feeding, alfalfa, precision agriculture, bull development, and management strategies), and "Registration fee: \$10 (lunch and refreshments included)". At the bottom, it says "For registration and more information contact your local extension office, Dr. Francine Henry (334-366-5338 - francine.henry@uga.edu), or visit <https://extension.uga.edu/betterbeef>".

Cotton Trust Protocol

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

TM Hobbs Irwin County High Peanut Yield Award and Georgia Peanut Achievement Club

There are 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. Peanut farmers please take a look at your peanut total acres, total yield and begin getting this information together. We are early in this process but we will be ready to get to work assisting you with these applications. Please consider applying for the GA Peanut Achievement Club. 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 get all of your weight tickets. 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

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.

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>

Corn Planting Ethredge

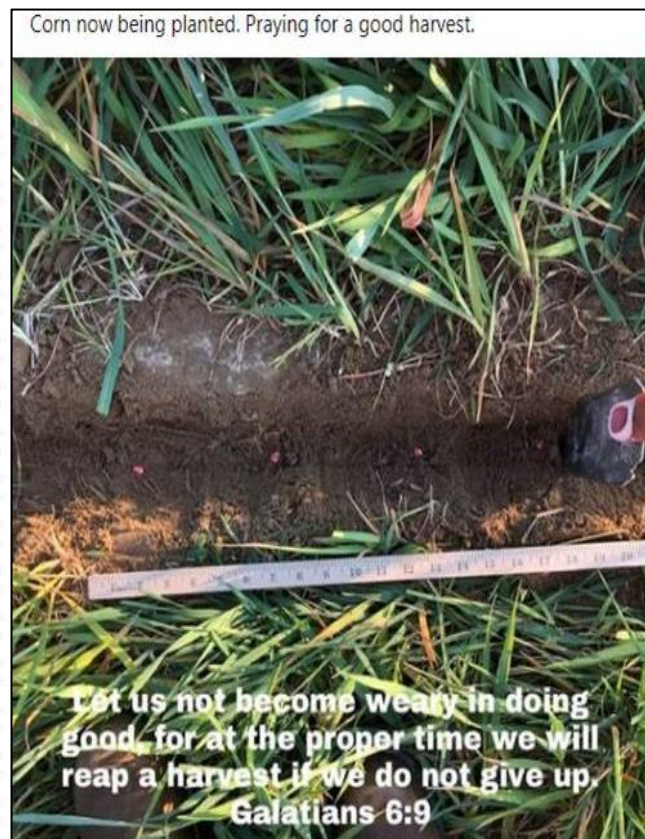
Corn planting getting going now although moisture is short in some areas and some preplant watering is having to happen. Lots of ways to do it but grower here using pop up fertilizer 2x2 (2 inches over and 2 inches below the seed) and Velum in furrow for nematode suppression.

Oat and rye mix cover crop was sprayed with glyphosate and atrazine a few days ago, would have been better done a few weeks ago but they got things together and soils warmed well, a little ahead of expectations. Killing cover crop early also helps with moisture retention as a growing cover will continue taking up water.

This is on a 30 inch row spacing with seed spaced about 5.8 inches apart in the row for a plant population of 36,000 seeds per acre. This chart from the UGA Corn Production Guide is useful for looking up plant pop.

Table 4. Approximate plant populations based on row-spacing and plant spacing within a row.

Within row Plant Spacing (in.)	Row Width (in.)				
	20	30	36	38	40
4.5			38,700	36,700	34,800
4.7			37,100	35,100	33,400
5.0		41,800	34,800	33,000	31,400
5.3		39,400	32,900	31,100	29,600
5.5		38,000	31,700	30,000	28,500
5.7		36,700	30,600	29,000	27,500
6.0		34,800	29,000	27,500	26,100
6.2		33,700	28,100	26,600	25,300
6.5		32,200	26,800	25,400	24,100
6.8		30,700	25,600	24,300	23,100
7.0		29,900	24,900	23,600	22,400
7.3		28,600	23,900	22,600	21,500
7.5		27,900	23,200	22,000	20,900
7.8	40,200	26,800	22,300	21,200	20,100
8.0	39,200	26,200	21,800	20,600	19,600
8.3	37,800	25,200	21,000	19,900	18,900
8.5	36,900	24,600	20,500	19,400	18,400
8.8	35,600	23,800	19,800	18,800	
9.0	34,800	23,200	19,400	18,300	
9.3	33,700	22,500	18,700	18,700	
9.5	33,000	22,000	18,300		
10.0	31,400	20,900			
10.3	30,500	20,300			
10.5	29,900	19,900			
10.7	29,300	19,500			
11.0	28,500	19,000			
11.5	27,300	18,200			
12.0	26,100				
12.5	25,100				
13.0	23,200				
13.5	23,200				
14.0					



It takes about 100 GDUs (Growing Degree Units, or Heat Units), for corn to emerge, so it will depend on how warm it is the next several days. Looks like it'll be warm so we should be able to 🎵🎵 "Watch my corn pop up in rows" 🎵🎵, pretty quickly. Apologies to Tim McGraw....

Oats and Wheat Ethredge

Small Grains are looking better now but aphids are resurging. I spoke with Dr. Buntin, UGA Entomology, and he says that later in the season, we can stand more aphids, see excerpt below from UGA Pest Control Handbook showing the thresholds. Later infestations can cause later Barley Yellow Dwarf transmission but it's not as bad an effect on yield this late. Most small grains are in Stem elongation now so we can stand up to an average of 2 aphids per stem at this point. I looked at some early planted grain oats yesterday which will shoot the flag leaf next week.

Inspect fields 25–35 days after planting, full tiller, and heading. Yield-reducing transmission of Barley Yellow Dwarf virus can occur during first two periods; transmission at heading is too late to reduce yield.

Aphid treatment thresholds are:

- Seedlings (2/row ft)
- 6–10 inch plants (6/row ft)
- Stem elongation (2/stem)
- Flag leaf (5/flag)
- Heading (10/head to include flag)
- Soft/Hard Dough stages (Do not treat)



Consultant Scott Brown in Colquitt County saw just a little Rust disease in Oats yesterday. We need to be on the lookout but delay fungicide sprays until at least the flagleaf is out as it's the most important to protect, if possible. Here's an old photo of Oat Rust on the right.

Grass Herbicides for Pre-Plant Burndown?? Culpepper, Prostko

Thinking about using a grass herbicide such as Select Max (clethodim) for pre-plant burndown? Have you seen any data suggesting this is a wise decision?

Interestingly, there is a lot of buzz about using grass herbicides to burndown small grain cover crops and annual ryegrass because of the glyphosate price/shortage issues. Most of the conversations also include tank-mixing the grass herbicide with either 2,4-D or dicamba and applying as a March/April burndown.

Prior to making the effort and spending a significant amount of money, it might be wise to review the grass herbicide label itself for the level of control the product potentially offers. Additionally, you may find value in the data we generated in 2021 (Figure 1). A couple of important clarification notes regarding this research are as follows: 1) the application was made on February 28 (2021) when conditions were cooler; 2) we did not tank-mix with dicamba or 2,4-D, which could negatively influence grass control (*i.e.* antagonism); and 3) this is data from only one location.

When considering your burndown treatment for 2022, a significant amount of research suggests that the value of glyphosate may be at its maximum for the pre-plant burndown application if grasses are present in the field. Thus, we would encourage staying with the burndown program that you know is successful if anyway feasible. Planting into weed-free fields, with the potential lack of some postemergence herbicides this year, will be extremely important.

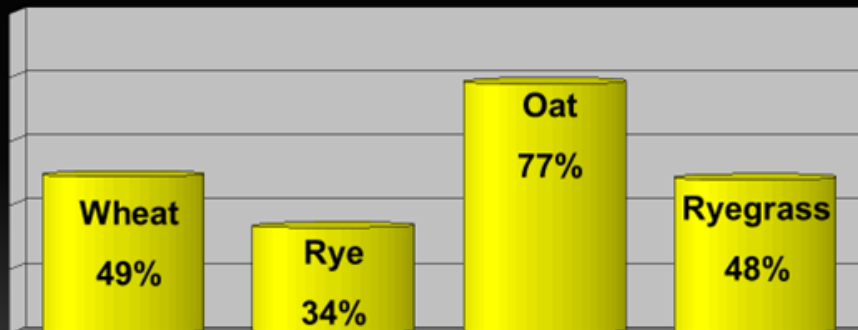
Once grassy weeds, as well as other broadleaf weeds are mature, Gramoxone (paraquat) + diuron + COC (cotton) or Gramoxone + Valor + 2,4-D amine + COC (peanut) are fantastic options (small grains must have seed heads). It appears, at least currently, that most of our winter weeds are maturing at a faster rate than in the past so these treatments may be very timely options.

Tillage is also a very effective option as you well know, just be cognizant implementing steps to avoid soil erosion.

Another possible negative. If Select Max is used prior to planting field corn, the plant-back restriction would be 30 days. The rate needed for burndown control (marginal) is much higher than the rate needed for volunteer corn control thus warrants a longer restriction.

Figure 1. Select Max Control of Cover Crops and Ryegrass. TyTy, 2021.*

Select Max Rate = 16 oz/A

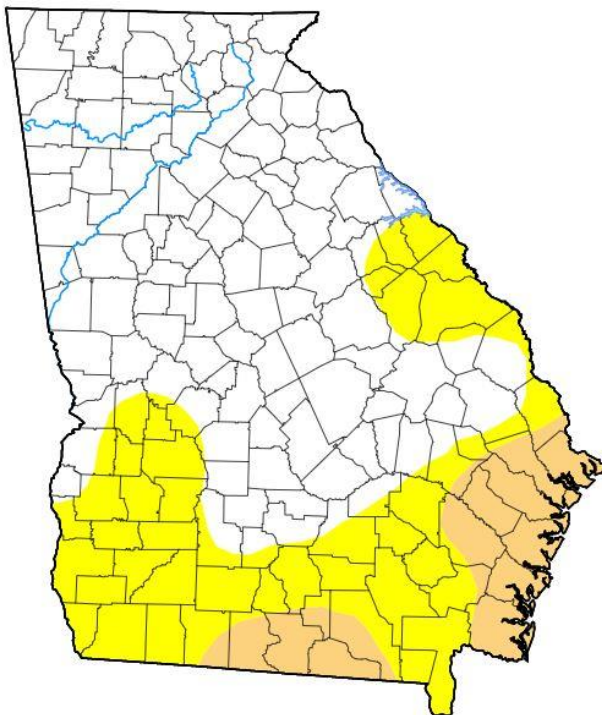


*Cover crops and ryegrass ranged from 4 to 6 tillers and 9 to 15 inches when treated on Feb 28, 2021. Evaluations shared are 37 days after application.

Current US Drought Monitor and Aquifer Levels in Tifton

Georgia

[Home](#) > Georgia



Map released: Thurs. March 3, 2022

Data valid: March 1, 2022 at 7 a.m. EST

Intensity

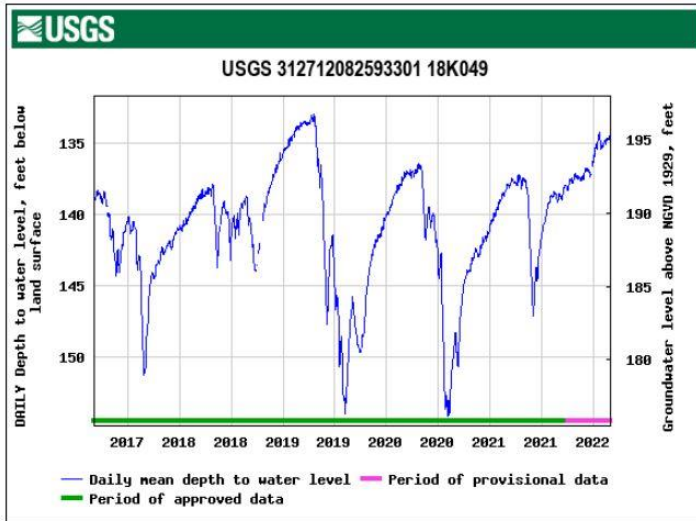


Authors

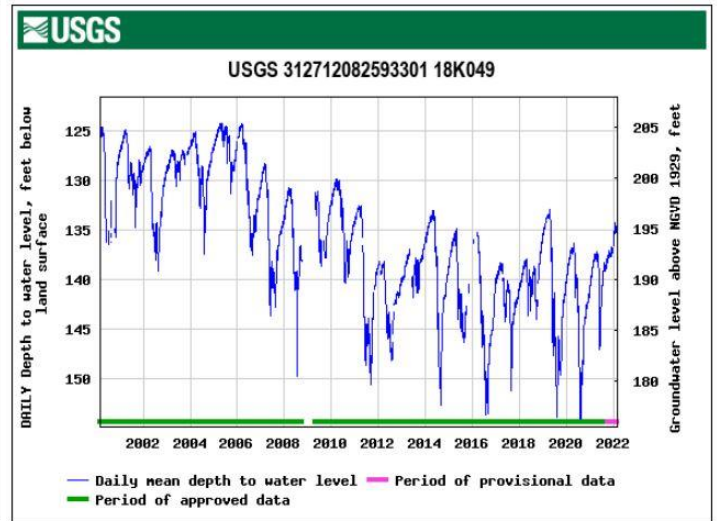
United States and Puerto Rico Author(s):
Brad Rippey, U.S. Department of Agriculture

Pacific Islands and Virgin Islands Author(s):
Ahira Sanchez-Lugo, NOAA/NCEI

*The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying **text summary** for forecast statements.*



Recent Trend



2000-2022

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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