

## IRWIN COUNTY EXTENSION AGRICULTURE NEWS - Vol. 23 Fri. May, 28, 2021

**Phillip Edwards Irwin County Extension Coordinator**

*In this issue: Recent, Upcoming Meetings of Interest, Row Crop Disease, Not the Peanut Burrower Bug, Scout Schools, Beginner Pecan Course, Hay Baleage/Corn Silage and Storage, Irrigating Peanuts and Valor*

### Recent



*We have been assisting in multiple UGA Extension On-Farm Variety Trials this week.*

### Upcoming Meetings of Interest

We are still hosting periodic Using Pesticides Wisely Trainings at our office when requested. Please call a day ahead so we can set up the projector and be ready for you. We will submit your registration so you can receive your 2 hours pesticide credit.

Meeting	Date	Time	Location
Hay and Baleage Virtual Short Course	Fri. May 28, 2021	Today 9-12 am	Virtual (see link Below)
<a href="https://georgiaforages.caes.uga.edu/calendar/event.html?eventid=1762&amp;event=Virtual-Hay-and-Baleage-Shortcourse">https://georgiaforages.caes.uga.edu/calendar/event.html?eventid=1762&amp;event=Virtual-Hay-and-Baleage-Shortcourse</a>			
Cotton, Peanut, Soybean Scout School	Mon. June 7, 2021	9 am -12:30 pm	UGA Tifton Campus Conference Center
Beginners Pecan Course	Tue June 15, 2021	9 am-4 pm	UGA Tifton Campus Conference Center
Corn Silage/Stored Forage Virtual Course	Fri. June 25, 2021	9-12 am	Virtual (see link below)
<a href="https://ugeorgia.ca1.qualtrics.com/.../SV_aav6NAc9QrZDYKW">https://ugeorgia.ca1.qualtrics.com/.../SV_aav6NAc9QrZDYKW</a>			

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### **Row Crop Disease Update                      Kemerait**

A couple updates for you; the kind of updates that keep things interesting this time of year and that are further example of how UGA Extension engagement with our ag community is critical.

1. From our soybean rust sentinel plots (kudzu in these reports), we found soybean rust for the first time in 2021 in Brooks, Turner, and Dooly Counties. This is, I believe, the beginning of a “jail break”. Soybean growers should be aware that when their beans begin blooming there may be an advantage to use of a fungicide.
2. Aspergillus crown rot and very early season white mold showing up. Hot early season conditions favor early development of white mold.

Reminder, conditions are favorable now for white mold, especially in fields with short rotation. Beginning a white-mold program early this year, even if only mixing tebuconazole with chlorothalonil on the first spray, may be a good decision.

### **White-Lined Burrower Bugs                      Abney**

Several folks have contacted me this week about large numbers of white-lined (aka white-margined) burrower bugs. Most of the bugs have been on volunteer peanuts, but some were on cotton seedlings. This insect is not the “peanut burrower bug” and is not considered a pest of peanut. While it can be very abundant early in the season, it is rarely seen in large numbers later in the summer. In the past, most of the white-lined burrower bug calls have come in April, so the bugs seem to be a little late this year. Here is a link to a 2018 UGA Peanut Entomology blog post about the white-lined burrower bug: <https://site.extension.uga.edu/peanutent/2018/04/dont-be-alarmed-by-the-white-lined-burrower-bug/>

### **Cotton, Peanut, and Soybean Insect Scout Schools                      Roberts**

Insect scouting schools will be conducted on June 7, 2021 in Tifton and June 15, 2021 in Midville. Crops to be covered include cotton, peanuts, and soybean. These programs offer basic information on insect pest identification and damage, natural enemies, and scouting procedures. The training will serve as an introduction to insect monitoring for new scouts and as a review for experienced scouts and producers. Program topics include, Bug and Larval Insect Pests, Beneficial Insects, Scouting Procedures, Safety, and an In-Field Review. Each program will begin at 9:00 a.m. and conclude at 12:30 p.m.

The Tifton Scout School on June 7, 2021 will also be offered online using Zoom. Click the link below if you would like to participate in the virtual training.

### **Beginner’s Pecan Course                      Wells**

Good news! The University of Georgia Pecan Team will be holding its Beginner’s Pecan Course on June 15, 2021 in-person at the UGA Tifton Campus Conference Center in Tifton, Georgia. This course is held every other year and covers all you need to know about pecan production including production costs, cultivar selection, fertilization, irrigation, cultural management, insect, disease, and weed control, equipment, and market overview. The event is a day long course from 8:30 am-4:00 pm with morning and afternoon refreshment breaks and lunch served on-site sponsored by Savage Equipment. Pesticide credits will be available. Click [here](#) to register. Please pre-register at the website so that we can get a head count for the meal. There is a registration fee to offset the cost of the program. There is no charge for county agent registration.

### **Hay and Baleage Virtual Short Course May 28<sup>th</sup> from 9 am to Noon/Corn Silage and Stored Forage                      Baxter**

Need more pesticide credits? Here's your opportunity. These events are free but pre-registration is required. Register by scanning the code on the flyer or visiting below links. The event is free but pre-registration is required. Producers can register by scanning the code on the flyer below or visiting

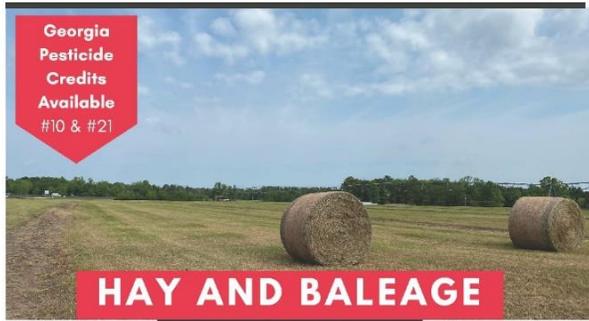
Hay and Baleage Virtual Short course on May 28<sup>th</sup> from 9-12 am.

<https://georgiaforages.caes.uga.edu/calendar/event.html?eventid=1762&event=Virtual-Hay-and-Baleage-Shortcourse>

Corn Silage and Stored Forage June 25<sup>th</sup> from 9-12 am.

[https://ugeorgia.ca1.qualtrics.com/.../SV\\_aav6NAc9QrZDYKW](https://ugeorgia.ca1.qualtrics.com/.../SV_aav6NAc9QrZDYKW)

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 May 28, 2021  
 9:00 AM - Noon (Eastern)  
 Online (via Zoom)


 Free  
 Pre-registration is required


 Scan the QR code to register  
 or visit our website  
[www.GeorgiaForages.com](http://www.GeorgiaForages.com)

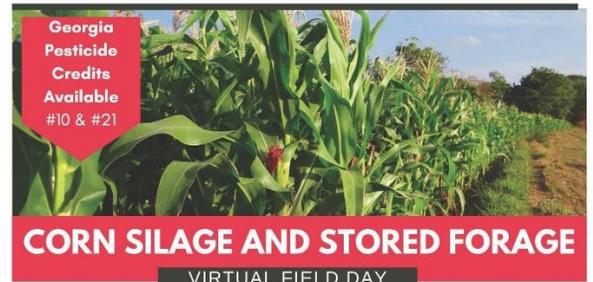
### Presentations

Adjusting hay equipment  
 Lisa Baxter, UGA Extension

New herbicides for forage  
 production

Clay Williams, Corteva Agriscience  
 Sam Ingram, Corteva Agriscience  
 Jason Belcher, Bayer Vegetation Mgt.

Producer insights on  
 baleage production  
 BJ Marks, GA Hay & Baleage Producer




 June 25, 2021  
 9:00 AM - Noon (Eastern)  
 Online (via Zoom)


 Free  
 Pre-registration is required


 Scan the QR code or visit  
 our website to register  
[www.GeorgiaForages.com](http://www.GeorgiaForages.com)

### Presentations

**Best planting practices**  
 Corey Bryant, UGA Extension

**Disease control options**  
 Bob Kemercit, UGA Extension

**Incorporating new precision  
 ag technology**  
 Simer Virk, UGA Extension

**Weed control options**  
 Eric Prostko, UGA Extension

**Hay research update**  
 Lisa Baxter, UGA Extension

**Baleage & summer forage  
 alternatives**  
 Jennifer Tucker, UGA Extension



## Irrigating Peanut Fields Treated with Valor (Flumioxazin) During a Hot/Dry Period

Prostko

The weather forecast for Tifton and many other areas of south Georgia over the next 10 days is not great (> 85 F and < 35% chance of rain). Consequently, growers are wondering if it is a good or bad idea to irrigate cracking peanuts that received a PRE application of Valor. Growers are very conscious of the fact that the potential for Valor injury significantly increases with moisture especially around the time of peanut emergence.

I am of the opinion (*based upon 20+ years of research/field experience with Valor*) that if a grower needs to irrigate a Valor treated peanut field in order to get a good stand, he/she should do so. What is worse? A crappy peanut stand or Valor injury? The impacts from a poor stand are more detrimental than Valor injury. Production/history/research over the last 20 years has confirmed this. Also, an irrigation event of 0.3"-0.5" over several hours is not the same as a 2" rain in 20 minutes!

I recently completed a 3 year study where the main goal was to try and injure the peanut crop by subjecting the field to as much irrigation/rainfall as possible, In these studies, the peanuts received anywhere from 7.8 to 11.2 inches of rainfall/irrigation in the first 30 days after planting (Table 1). Yes, the peanuts did suffer from Valor injury (*as expected*) but they recovered without yield loss even at a 2X rate (Table 2). UGA does not recommend the use of 6 oz/A of Valor (*also not labeled*) but this high rate was used to demonstrate peanut tolerance and simulate worse case scenarios.

I have addressed the Valor/peanut injury issue in numerous other blogs so check those out for more information/injury pictures/etc. (May 20, 2014; May 4 and 27, 2017; May 6, 2019; May 21, 2020).

**Table 1. Rainfall/irrigation data (in) for first 30 days after planting for Valor/Dual Magnum high moisture peanut tests in Georgia (2017-2019).**

Time (DAP <sup>a</sup> )	2017			2018			2019		
	Rain	Irrigation	Total	Rain	Irrigation	Total	Rain	Irrigation	Total
0-7	0.5	3.7	4.2	0.0	5.3	5.3	0.2	3.0	3.2
8-14	0.4	0.0	0.4	1.1	0.0	1.1	1.2	2.3	3.5
15-21	1.2	0.5	1.7	1.5	0.0	1.5	0.6	0.5	1.1
22-30	0.5	1.0	1.5	3.3	0.0	3.3	0.0	0.5	0.5

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<b>Total</b>	<b>2.6</b>	<b>5.2</b>	<b>7.8</b>	<b>5.9</b>	<b>5.3</b>	<b>11.2</b>	<b>2.0</b>	<b>6.3</b>	<b>8.3</b>
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<sup>a</sup>DAP = days after planting.

**Table 2. The influence of Valor on peanut injury, J-rooting, and yield under high moisture conditions in Georgia (2017-2019)<sup>a</sup>.**

Valor Rate oz/A	Peanut Injury (%)		Peanut J-Rooting	Yield
	10 DAT <sup>b</sup>	50 DAT	% <sup>c</sup>	lbs/A
0	14 c <sup>d</sup>	8 b	46 a	5842 a
3	31 b	9 b	48 a	5870 a
6	51 a	16 a	50 a	5823 a

<sup>a</sup>Averaged over three years (2017, 2018, and 2019) and four Dual Magnum rates (0, 16, 21, and 42 oz/A).

<sup>b</sup>DAT = days after treatment.

<sup>c</sup>Data collected 21 days after planting.

<sup>d</sup>Means in the same column with the same letter are not significantly different according to Tukey-Kramer method (P<0.10).

*As always for more information please contact your Irwin County Extension Office at 468-7409.*

*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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