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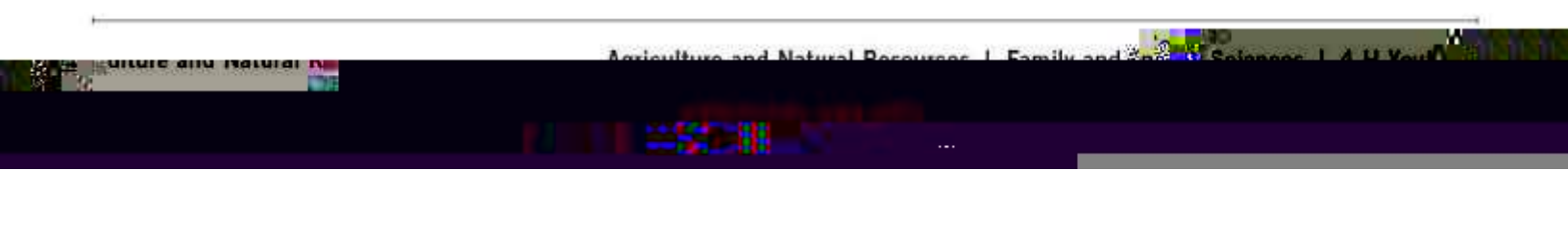
## Lee County Ag Newsletter

Third Week of June 2023, Volume 23, Number 5

### **Crop Plant Pathology** Dr. Bob Kemerait

We have NOT found soybean rust anywhere in the Southeast, to include Georgia, that I know of yet. I am sure it is out there percolating somewhere. But I do not know where. At this point it is "watch and wait". But IF a grower is at R3 and IF he or she is putting out something like Dimilin, I would certainly tank mix a fungicide with it to take advantage of the trip.

Peanut diseases:



- c. Grower who are 40 days or beyond and needing to apply their FIRST fungicide:
  - i. Leaf spot is the main threat now, though we are always aware of white mold. Cooler temperatures and heavy rains have likely slowed development of white mold.
  - ii. Lucento and Priaxor are fungicides that come to mind in this situation- good leaf spot control and some white mold activity. They work well for applications in the 45-day after planting arena.
  - iii. Now would not be a good time for chlorothalonil alone. I would proceed with extreme caution before using selections from "a" and "b" above. In doing so, consider Peanut Rx. If you are at "high" risk for leaf spot, do not do it. If you are at "moderate" risk" for leaf spot, consider what could happen if you cannot make a timely fungicide application in 2 weeks.
  - iv. Application of Excalia + a leaf spot material or Elatus + a leaf spot material could go out at 45 days, however given our current conditions I would rather see you save these guns (as with our other strong white mold products) for 60 days after planting.

## **Wet Weather Concerns - Part II (Prostko)**

Much of Georgia continues to get hammered with frequent rainfall events. When will it end? Here are some answers to questions you might be getting:

### **1) How much has it rained?**

Updated rainfall totals from June 12-June 21, 2023

### **2) What's my best peanut weed control recipe for a disaster field?**

a) Apply Select 2EC (clethodim) @ 8-16 oz/A + COC @ 1% v/v then

b) 3 days after the Select application, apply the following combination: Cadre @ 4 oz/A + Cobra @ 12.5 oz/A + 2,4-DB @ 16 oz/A + any Group 15 herbicide (either Anthem Flex @ 3 oz/A or Dual Magnum @ 16 oz/A or Outlook @ 12.8 oz/A or Warrant @ 48 oz/A or Zidua SC @ 2.5 oz/A). Include NIS @ 0.25% v/v when using Anthem Flex, Warrant, or Zidua.

c) Costly for sure but desperate times require desperate measures!

### **3) Can I also add Strongarm to that mix?**

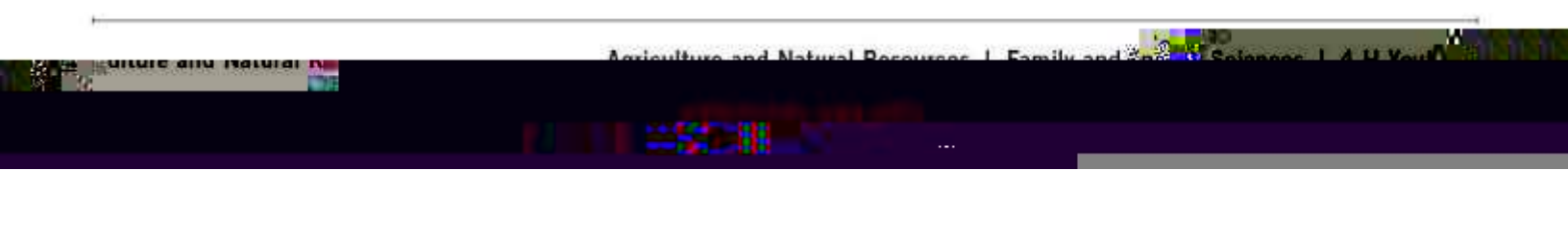
Yes, I did that in 2022 to clean up a peanut field and observed no major problems. Check out the following pics:

### **4) Is there a shortage of Cobra (lactofen)?**

I have heard from several growers that Cobra was not available. I contacted my inside sources at Valent and this situation should be remedied. A e-mail quote from my Valent contact yesterday: "Cobra being shipped this week so no excuses moving forward!"

**5) Can peanut herbicides be applied aerially by plane or drone?**

The short answers is yes (



A few things to think about:

- 1) Keep an eye on rain-free periods for postemergence (POST) herbicides. For my crops, these are listed in the UGA Pest Control Handbook (Remarks and Precautions). If I am missing one, please let me know.
- 2) Cool, cloudy, wet weather has a significant influence on the cuticles of plant leaves (i.e. makes them thinner). Thus, pesticides applied during this type of weather can cause more crop injury symptoms.
- 3) Residual weed control will likely be compromised (shorter than normal). Applications of additional residual herbicides should be strongly considered (Anthem Flex, Dual Magnum, Outlook, Warrant, Zidua).
- 4) It is also very likely that some growers will not be able to get back into their fields on a timely basis to make POST herbicide applications. There are no POST herbicides, in any of my crops, that can consistently control a pigweed that is bigger than about 3-4" tall. ***Thus, applying herbicides to very large weeds (revenge spraying) is a waste of time and money!*** Hand-



bounced around ideas regarding scab and stem phylloxera, among other theories but here seems to be no real pattern. The leaves are sometimes scabbed heavily and sometimes perfectly clean. Sometimes they are scorched and more often, not. We are investigating this issue to try and find out what is going on and will keep you posted here on any conclusions that are drawn.

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