



NC Cooperative Extension

August 2018

Bertie County Ag News



Billy Barrow
County Extension Director



Contact Us @ 252-794-5317

PEANUTS AND RAIN



All parts of the County have seen lots (even excessive) of rain over the last 2 weeks. What's this done to/for our peanut crop. First, it's given us the chance for a good crop. During mid-July the northwestern portion of the County was extremely dry. Others not as much but most everyone wanted a rain. Peanuts had been busy blooming so hopefully the plants are setting pegs and a uniform crop. We can certainly hope.

On the back side its setting us up for the battle of the season. Conditions have been right for our leafspot diseases (early and late) as well as sclerotinia. Everyone should have made their first leafspot spray by July 15 regardless of when the crop was planted. If you planted one of the newer NCSU releases (Bailey, Sullivan, or Emery) you have an edge up over past years since these have a bit more genetic tolerance to these diseases. Tolerance not resistance. Based on the weather and the leafspot advisories, growers should be on a 14 day spray schedule at least until this weather breaks.

There are numerous options for the latter part of the season. See below for a few.

3rd Spray

4th spray

Leaf Spot and Stem Rot Control

Aggressive Leafspot Control

Provost 10.7oz/ac
Elatus 7.3 oz/ac
Convoy + Bravo 16 oz +1.5 Pt/ac
Folicur or generic + Bravo 7.2 oz +1.5 pt/ac

Elatus 7.3 oz/ac
Priaxor 6-8 oz/ac
Tanks mixes with Bravo varies
Miravis 3.4 oz/ac

Sclerotinia Conditions for this disease have been favorable for the last 3 weeks. If you have a history of sclerotinia or have found active sites this year you should spray as soon as possible. Active scouting is necessary to catch this early. Control options are below.

<u>Material/ Rate</u>	<u>Spray intervals (days)</u>	<u>Other diseases suppressed</u>
Omega 1.5 pt/ac	21-30	none
Endura 10 oz/ac	14-21	Web Blotch, Leaf Spot (add Bravo to enhance control)
Fontelis* 24 oz/ac	14	Leaf Spot, White Mold, Web Blotch

*suppression only

Everything depends on the weather but at this point plan to carry this crop to harvest with full protection from lead and stem diseases. That means at least 4 sprays and possibly 5-6 depending on your crops maturity.

Crop Maturity. We are all familiar with how dry weather will slow down the crop maturity but prolonged rain and cloudy weather similar to ours over the last 2 weeks can have the same effect of delaying maturity according to Dr. David Jordan. One obvious effect is less heat unit accumulation. Based on YTD and average heat accumulated at the Peanut Belt Research Station over the last 9 years the larger factor in our crop maturity may be the later planting dates experienced this year. The chart below is based on averages and should not be used to figure maturity but does give a general idea of relative maturity (days to reach 2550 heat units) and the need to check each field before digging. One key point to remember, during the Fall once night temps drop into the mid 40's for 2 consecutive nights, pod development virtually shuts down. It's not impossible for the maturity process to resume but it takes above normal temps for several days for it to restart.

<u>Planting Date</u>	<u>Estimated Date to Reach 2550 Heat Units (DD56)*</u>	<u>Est Days to Maturity</u>
May 1	Sept 12	132
May 10	September 23	133
May 20	October 2	132
June 1	October 15	135
June 10	November 23	163

*Actual field maturity rarely follows this type of linear progression. A 3 week delay of planting in May could only result in about 1 week of delay in maturity.





September 19, 2018

**Peanut Belt Research Station
112 Research Station Lane
Lewiston-Woodville, NC**

9am – 12 noon

CHROME Regional Ag Expo Mark your calendars for **Wednesday September 19!** This year we are partnering with Hertford, Halifax and Northampton Counties to bring a regional farm expo. This event will be held at the Peanut Belt Research Station in Lewiston Woodville and will focus on crop production in this area. More information to come at a later date. By the way the name CHROME comes from the 4 rivers that flow through these counties (CHowan, ROanoke and MEherrin).

****Upcoming Events****

-September 6th – Annual Peanut Field Day -Peanut Belt Research Station

Peanut Maturity Clinic Dates:

- September 10th – Powell & Stokes @ 8AM
- September 14th – Colerain Peanut & Supply @ 9AM
- September 19th – Peanut Belt Research Station @ 1PM
- September 25th – Powell & Stokes @ 8AM
- September 25th – Coastal AgroBusiness @1PM
- September 27th – Colerain Peanut & Supply @ 9AM

Billy Barrow
Bertie County Center
NC Cooperative Extension
104 Dundee St., PO Box 280
Windsor, NC 27983

Email – billy_barrow@ncsu.edu
Office - (252) 794-5317
Fax – (252) 794-5375
Visit us: web @
<https://bertie.ces.ncsu.edu>



Bertie County Cooperative Extension



William Barrow, Jr.



NC State University and N.C. A&T State University are collectively committed to positive action to secure equal opportunity and prohibit discrimination and harassment regardless of age, color, disability, family and marital status, gender, identity, genetic information, national origin, political beliefs, race, religion, sex (including pregnancy), sexual orientation and veteran status. NC State, N.C. A&T, U.S. Department of Agriculture, and local governments cooperating."

