

Pest Management News

Runnels-Tom Green Counties

Texas A&M AgriLife Extension

7/5/2016

XXIX No.5

General Situation

Summer is officially here with daily temperatures consistently reaching over the 100 degree mark. Rainfall for the last two weeks has been hit or miss. All things considered the crops are growing well.

Cotton

Cotton is up and looking healthy. Most cotton fields are ranging from four true leaves to early squaring. Continue monitoring fields for the presence of cotton fleahoppers. Cotton is susceptible to cotton fleahopper during the first three weeks of squaring. After

first bloom, you need not be concerned about them. Cotton fleahoppers feed on the anthers of small squares causing the squares to become "blasted", turn brown and either stick or fall from the plant.

Treat for fleahoppers when fields have 25-30 fleahopper nymphs or adults and square sets are lower than those given below.

<i>Fleahoppers</i>	<i>Cotton growth stage</i>	
<i>25-30 per 100 terminals with:</i>	<i>Week of squaring</i>	<i>Square set</i>
	<i>1st week</i>	<i>< 90%</i>
	<i>2nd week</i>	<i>< 85%</i>
	<i>3rd week</i>	<i>< 75%</i>



Integrated Pest Management
Runnels-Tom Green
Counties

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If you would like to be added to our newsletter email list please email: cjwebb@ag.tamu.edu

Current Heat Units

Date	Heat Units
May 15	828
June 1	588

Turn Row Meetings

Tuesday July 12 at 9:00 am
Wall Coop Gin

Grain Sorghum Tour

Wednesday July 27, 2016

Sorghum

Sugarcane aphids were found south east of San Angelo on Friday July 1st. The populations were well below threshold. I scouted the same field again on Tuesday and the population was still below threshold. Natural enemies seem to be providing some control, I saw several lady beetles while scouting. Below are the thresholds for sugarcane aphid.

Growth Stage	Threshold
Preboot	20% plants with aphids present
Boot	50 aphids per leaf on 20% of plants
Flowering Milk	50 aphids per leaf on 30% of plants
Soft Dough	Heavy honeydew, established colonies, 30% of plants infested

Dough	Heavy honeydew, established colonies, 30% of plants infested
Black Layer	Heavy honeydew, established colonies, 30% of plants infested

It will be very important the next few weeks to monitor your fields. If you have found sugarcane aphids or would like help scouting please feel free to call or email. Below is a link to the 2016 management guide.

http://lubbock.tamu.edu/files/2016/05/ENTO-035_Sugarcane_Aphid-Management_2016.pdf

Bt Cotton

There are reports of high caterpillar damage to Bt cotton coming from the

Gulf Coast area. Kate Harrell EA-IPM for the Wharton, TX area has reported *Helicoverpa* sp. caterpillars damaging pyramided Bt cotton varieties at 8-15 worms per 100 plants.

Grain Sorghum Tour

There will be a Grain Sorghum Tour Wednesday July 27, 2016. The tour will start at 5:00 pm at the Tom Green County dryland sorghum plots on Green Rd & Walling Pecan and then move to the irrigated plots. A meal will be served followed by equipment, market and Sorghum Checkoff updates. CEU's will be offered. A detailed schedule will be provided in the next week's newsletter.

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