

Pest Management News

Runnels-Tom Green Counties

Texas A&M AgriLife Extension

7/13/2016

XXIX No.6

General Situation

Cotton continues to make progress with most of the fields beginning to square or already a few weeks into squaring. Wheat harvest appears to be over with most of the stubble being plowed back into the soil. Sorghum is in the home stretch with harvest approaching in a few weeks. Overall this area has been dry for the last two weeks and the long range forecast is not providing much relief. As rangeland pastures continue to dry down we can expect grasshopper populations to increase in our fields. Dr. Allen has reported "Differential grasshoppers are moving into the smaller towns that are surrounded by pastures, eating mulberry, roses, garden plants and fruit trees (fruit and all)."

After much discussion it has been decided to change the delivery method of the Pest Management Newsletters from mail out to email. Currently there are 82 emails being sent and 405 mail outs. By changing delivery methods we can not only save money but this will also allow for information to be made available in a timelier manor. If you would like to continue receiving the Pest Management Newsletters please email cjwebb@ag.tamu.edu to be added to the email list.

Cotton

Most of the cotton in our area has passed the concern for thrips injury and we have focused our next worry to cotton fleahoppers. Cotton fleahopper is a small green colored insect.



Adult Cotton fleahopper



Integrated Pest Management
Runnels-Tom Green
Counties

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325-365-2219 (o)
325-650-5531 (m)

Grain Sorghum Tour
Wednesday July 27, 2016

Turn Row Meetings
Tuesday July 19 at 9:00 am
Wall Coop Gin

Tuesday July 26 at 9:00 am
Wall Coop Gin

Adult cotton fleahoppers are approximately 1/8 of inch in length. Both adult and immatures cause injury to cotton plants by feeding on the matchhead size squares. This causes the squares to become dry, turn brown, and later fall off the plant. This is known as a blasted square.



Blasted square

After fields have passed the first three weeks of squaring cotton fleahoppers are no longer an economic concern for cotton production. Below is a link to a video by Kerry Siders, EA-IPM for Hockley, Cochran, and Lamb Counties on how to scout for cotton fleahopper.

<https://www.youtube.com/watch?v=epVctkRkTHs&feature=youtu.be>

Treatment should be applied when numbers of fleahoppers are at or above 25-30 per 100 plants and square loss exceeds the following guidelines.

Week of squaring	Square Set
1 st week	<90%
2 nd week	<85%
3 rd week	<75%

Cotton fleahopper thresholds

A few of the natural enemies that can provide some suppression of cotton fleahoppers are spiders, assassin bug, and big-eyed bug. If levels of infestation are high enough to need chemical control here are few options.

Centric® 40WG	1.25 oz/acre
Intruder®WSP	0.6 oz/acre
Belay®	4 oz/acre
Orthene® 97	8 oz/acre
Carbine™50WG	1.7 oz/acre
Bidrin®	1.6-3.2 oz/acre

Insecticides for Cotton fleahopper

Sorghum

Sugarcane aphids continue to move into our area with most

fields still below threshold levels. Even though harvest is getting close, continue monitoring your fields.

Immature aphids develop into mature adults in 5 days and have a life cycle of approximately four weeks. Under favorable conditions Sugarcane aphid infestations can increase from a few to well beyond damaging populations in 10 days; this is why it is very important to monitor fields at least two times a week.

Grain Sorghum Tour

The Grain Sorghum Tour for Tom Green County will be Wednesday July 27. The tour will start at 5:00 pm at the Dryland Grain Sorghum plots on Green Road & Walling Pecan and then move to the Irrigated Grain Sorghum plots. A meal will be served followed by market updates, fine tuning your combine, and sorghum industry updates. Three CEU's will be offered. See the attached flyer for more information. **Please RSVP to Tom Green County Extension Office by July 22.**

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3 CEUs

Offered to
individuals with a
Private Pesticide
Applicator
License

Date of Program:
Wed., July 27th

Location:
Cole Mikulik Farm:
*Dryland plot on
Green Rd, off
Walling Pecan Rd*

Time of Program:
5:00 PM

Cost of Program:
**FREE - Please RSVP to
TGC Extension Office
by July 22**

TOM GREEN COUNTY
TEXAS A&M AGRILIFE
EXTENSION

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Tom Green County Grain Sorghum Tour

PROGRAM AGENDA:

Tour Begins: Tour starts at 5pm at Dryland Grain Sorghum plot on Green Road, off of Walling Pecan Road and will move to Irrigated Grain Sorghum plot.

Speakers: Market Updates—Donnie Schwertner, *Kasberg Grain*
Fine Tuning Your Combine—*South Plains Implement*
Sorghum Industry Updates—Shelee Padgett,
United Sorghum Checkoff Program

Complimentary program and meal to be provided by
BH Genetics, Dekalb and Pioneer.

