



Western
 HIGH
 PLAINS
 IPM
 Update

News about
 Integrated Pest
 Management in
 Bailey, Castro,
 and Parmer
 Counties, from
 John Thobe



August 5, 2022

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IPM Podcast Click

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Western High Plains Crop Update

Welcome to August, buckle up its going to be a long one.

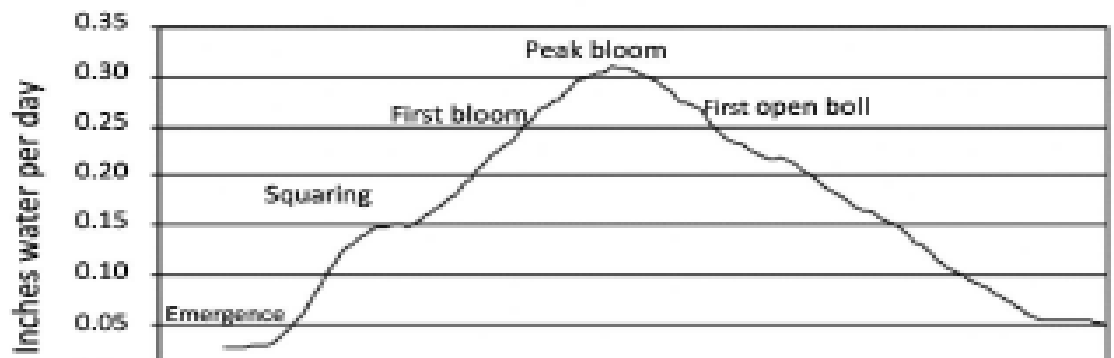
Cotton Ranges in stage from 7 NAWF to 1 NAWF for the most part we are progressing through the season rather quickly. PGR applications have come to a screeching halt for the most part in these high temperatures.

Bollworm season is here, know your technology in the field, 3 stacked traits with (Vip3A) are going to have the least amount in there. Wide Strike 3, Twin Link +, and Boll Guard 3 are going to be three examples of this Vip. Give me a call if you have questions. So, the threshold is going to be **6% damaged harvestable bolls from the insect.**

Keeping a few things from last week because entomologically we are very slow right now thanks to the drought, makes my job easier. Bollworm are just starting to pop up again. Always be on the look out for them but remember the mortality rate on eggs, first, and second instars in this heat is very high. Later this month they could stick around pretty good.



Cotton Water Demand



I would like to invite everyone to check out their County's Facebook pages for updates on local events and actives!

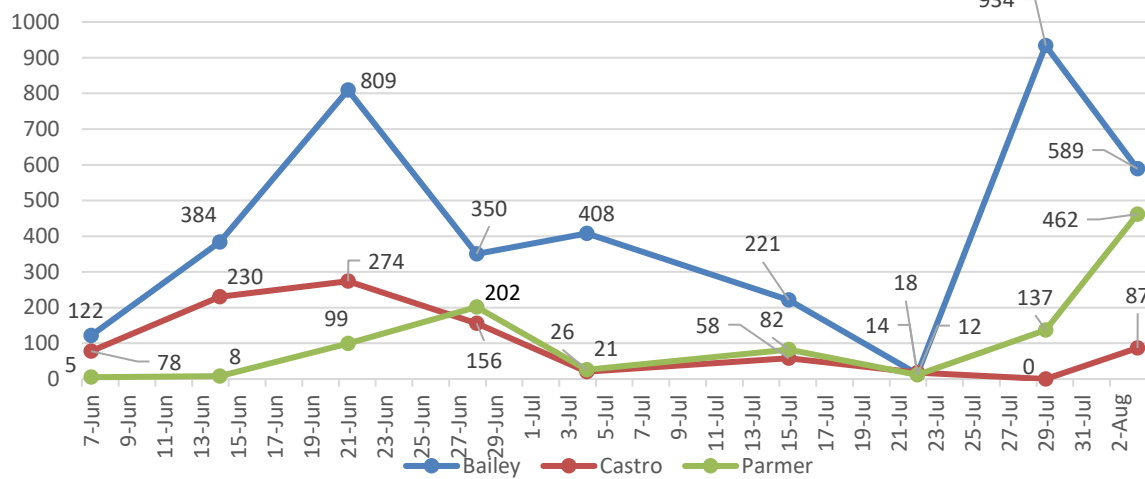
[Bailey](#)

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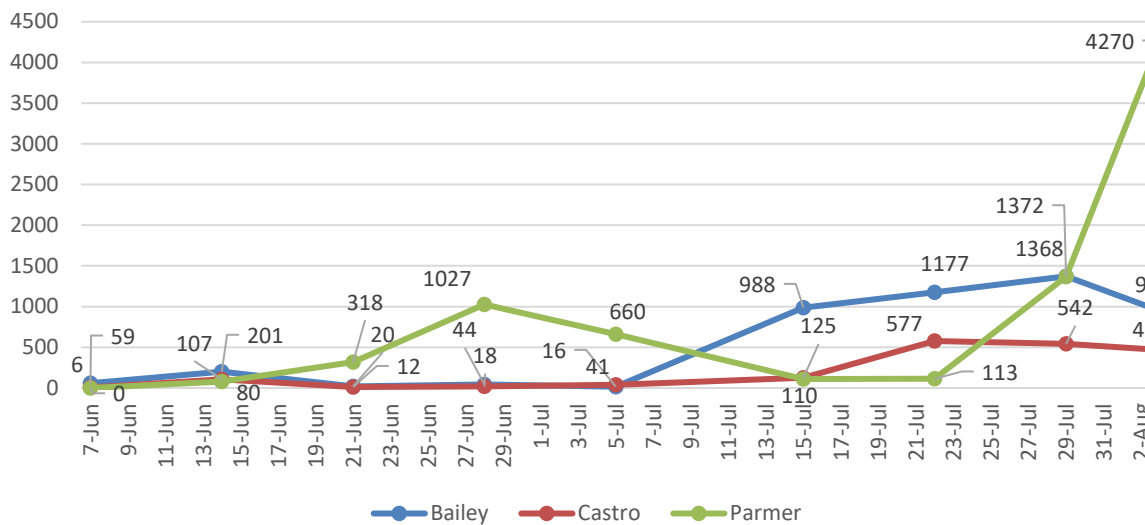
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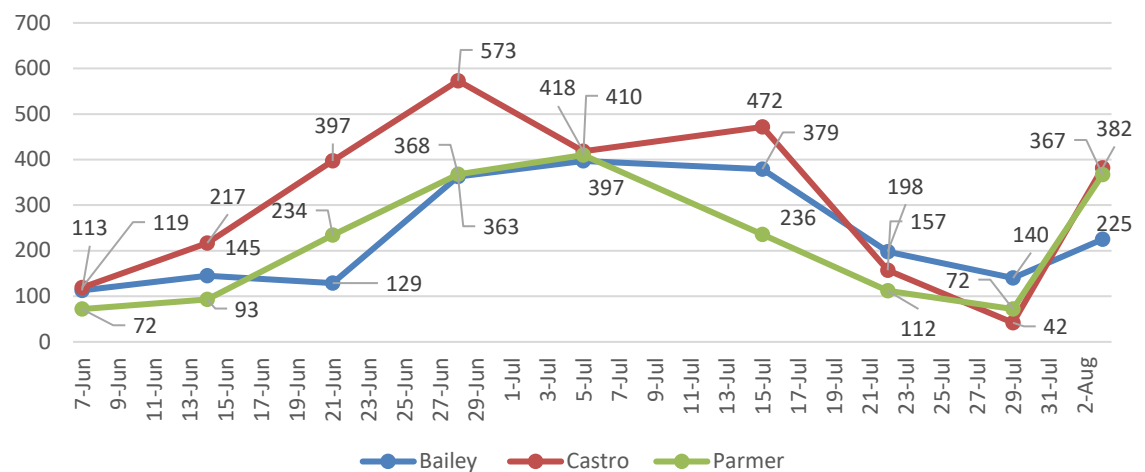
Fall Armyworm Counts



Southwestern Corn Borer Counts



Corn Ear Worm Moth Counts



Couple things here, I'm not going to make any over the top observations due to sporadic numbers really aren't suggesting anything unless you can line the main crops in the area with their respective stages across this graph. CEW populations are starting to bounce up here in August as the corn dries down, they move out of ears, and make their way into cotton. No, I didn't count out 4,270 SWCB one at a time. Contrary to some of y'all ribbing me about "counting bugs all day" even I was too busy for that. Measured out 30 moths in a bottle cap and went that way with it. Falls are all over the place with numbers, not a HUGE concern, big thing here is the CEW/CBW moving out of corn. Traps are in non-traited corn.



Sorghum in the area ranges greatly from V-6 to milk out across the tri-county area. Caught the first instance of the Sorghum Aphid (Formally the Sugar cane aphid) a week ago. Populations arose in Hart and are building quickly in the sorghum silage crop. Look for these insects in more developed fields with **good canopy coverage**. Unlike spidermite in corn they prefer a bit more damp conditions and thrive when its hot and they have some cover. Take into account beneficial populations, pest populations, and stage of the crop before making an application. **You may get away with not treating! If you need to treat do not treat on a cooler day ie <75 degrees. Shouldn't be to hard to avoid that!!**

Corn in the area is hot, to say the least! Producers are struggling to keep irrigation going to keep this thirsty crop going this season with very little environmental help. Shading is starting to look a bit better in spots with the crop ranging from VT to early hard dough. Spidermite activity has been fairly active with this hot and dry weather. 50% of fields have been sprayed so far. **Threshold is 30% of the leaf on 30% of plants.** Miticides typically take 10 days to work. Keep that in the back of your mind. Got an instance of the red mite in the field yesterday. The redmite isn't as widespread as the banks or two spot but can do the same damage due to the fact that it IS a two-spotted mite.



Picture by Dr. Pat Porter

That should do it, y'all call with questions, sign up for the free podcast by clicking the link on the first page (bottom left), catch me on the radio KDHN 102.7 FM Wednesdays at 7:15, check out your county's Facebook page for more Information.

Thanks to all the sponsors to the left! Thanks to all the cooperators in the area! Last but not least thanks to all the ag industry for all that you do!