

CROP MANAGEMENT REPORT

September 11, 2020

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If you would like to be added to
our newsletter mailing list please
email
erica.rauschuber@ag.tamu.edu
THANK YOU

NexGen Field Days

Tuesday September 15
Monday September 21st

GCJLA Dove Hunt

Wednesday September 16

Phytogen Field Day

Thursday September 24

ST. LAWRENCE PEST MANAGEMENT
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COTTON

The long awaited rain has finally arrived and our fields are now wet once again. I have heard anywhere from around 1.2" to over 2.5" over the past several days. On top of this there are 2 hurricanes and 3 other storms in the Atlantic that could bring more rain. However, the 2 hurricanes don't look like they will get here, we could be getting more rain in the future. Though the timing is not ideal we will always take it. For all practical purposes this crop is finished. Fields needing a little more time will be delayed just a bit more as growth has been minimal over the past couple of days. Temperatures will rebound this weekend and next week but will still be below normal.

Another really good thing that comes from a slow gentle rain like this is that it allows us to take a look at the soil and see if there is potentially any compaction issues. With a rain like this it doesn't take long for it to soak in so if you have standing water in certain areas or rows that do not usually flood you may have compaction issues. I have noticed standing water on fields that have been disked a time or two while the field next to it has taken in the rain. The longer the water stands the more that is lost to evaporation, even on a cloudy day. Remedies would include plowing down to break up the hard pan, ripping/chiseling, crop rotation, and/or increasing ground cover.

Another cause of standing water or lack of water infiltration is watering too late in the season. Of course in a year like this it has been very hard to determine when to completely shut it off or if we will get the predicted rain. The best way to know for sure is to check for sufficient moisture in the profile once bolls begin to open.

POTENTIAL CHANGES TO Bt

The EPA has recently released a draft plan that if approved will completely change the insect resistance management regulations for Bt crops grown in the cotton belt. The majority of the changes are aimed at corn but several will effect cotton including collecting and testing suspected or potential resistant specimen. The primary reasoning for the change in regulations is to try and preserve the Vip3a gene (the 3rd Bt gene) for as long as possible. A summary article by Dr. Pat Porter, Extension Entomologist in Lubbock better explains the full details of plan and the proposed changes and can be found in [Focus on Entomology](#)

PARAQUAT TRAINING

As harvest time quickly approaches I want to remind everyone about the EPA requirement for anyone who mixes, loads, or applies paraquat (paraquat dichloride) to be a certified applicator and to take the EPA-approved online training. These trainings are only provided online through the eXtension website, which is part of the Federal Cooperative eXtension System. The training can be found at <https://campus.extension.org/login/index.php>

WHEAT

With the recent rain there will be folks now looking to get some early wheat in the ground. Keep fall armyworms (FAW) in mind before you jump in the field. FAW moth numbers have been climbing over the past couple of weeks and larva can be found in the sorghum and hay grazer throughout the area. When planting this crop make sure there is nothing green surviving in the field for at least 10, preferably 14 days prior to planting. This will at least force a new population to move in instead of planting into them where they feed on the wheat as it emerges.

LATE SEASON WEED CONTROL

With the rain we can expect another flush of weeds. It is important to keep these weeds controlled until we get that killing freeze. Work done by Pete Dotray in Lubbock showed that a pigweed seedling on September 11th (today) in Lubbock could produce up to 500 seeds per plant. A plant emerging in mid-late October could still produce 10-20 seeds/plant. The potential could be even higher down here.

PESTICIDE WASTE COLLECTION

It has been a long time since we have been able to dispose of old , unwanted, out of date, unregistered, etc. chemicals. Texas A&M Agrilife Extension and TDA will be holding a pesticide waste collection day on Wednesday October 21st from 8am-2pm at the South Plains Fairgrounds in Lubbock. More information is in the attached flyer.

NexGen Field Days

Tuesday September 15th

9:00am (Breakfast will be served)

Doug Jost's Farm

Monday September 21st

5:00pm-7:00pm (Fajitas will be served)

Doug Jost's Farm

Phytogen Field Day

Thursday, September 24

10:00am

Eric Seidenberger's

Corner Farm on CR 110



UNWANTED AGRICULTURAL SURPLUS PESTICIDES?

DISPOSE OF THEM PROPERLY AND STAY IN YOUR VEHICLE
South Plains Fairgrounds • 105 E. Broadway • Lubbock, TX 79403

ACCEPTED ITEMS INCLUDE:

- Outdated, discontinued or unwanted agricultural pesticides
- Insecticides
- Herbicides
- Fungicides
- Rodenticides
- Nematicides
- Growth Regulators
- Empty, Triple-Rinsed Plastic Pesticide Containers
- Empty or Partial Metal Drums

PESTICIDES MUST BE KEPT IN ORIGINAL CONTAINERS, EVEN IF THE LABEL IS NOT PRESENT.
Unknown pesticides will be sampled and identified on site.

MATERIALS NOT ACCEPTED:

- Explosive ordinances and ammunition
- Petroleum-Based Products
- Paints
- Medical Wastes
- Radioactive Substances
- Household Pesticides, Chemicals, and Waste
- Tires
- Fertilizers, Propane or Butane Cylinders
- Chlorinated Hydrocarbons
- Fumigant Canisters
- Used motor oil and other automobile fluids
- Auto Batteries
- Empty Totes
- Methyl-Bromide Cylinders
- Dioxins (2,4-5T, Silvex, TCDD, etc.)



TEXAS A&M
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For questions or additional information contact the Lubbock County Office at (806) 775-1740, Danny Nusser, Regional Program Leader at (806) 376-0051, or the Texas Department of Agriculture at (806) 799-8555.