

WEST
PLAINS
IPM
UPDATE

News about
Integrated Pest
Management in
Hockley, Cochran,
and Lamb Counties
from
Kerry Siders

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COTTON HARVEST AID RESULTS

On the next page you will find Table 1. Which contains 7-day ratings from a cotton harvest aid demonstration at the Seth Howard Farm just south of Pettit. Again, these are only 7 days from when they were sprayed. This is important in that treatments like Ginstar should be given a full 10 days before you judge it not as effective. However, looking at how well all these treatments performed in just 7 days is good. They did what you would expect them to do. Few stuck leaves on the 32 oz Gramoxone treatment, still a few green leaves on the Folex and Ginstar treatments. I will evaluate these again on October 8, which will be 14 days after treatment (DAT). See photos of these plots on page 3.

You can go by these plots at the Seth Howard Farm 1 mile north of Hwy 114 on FM 303 and America Road in the northwest corner of this intersection.

I will share more results as I rate this and other demonstrations I have sprayed.



Table 1. Results of cotton harvest-aid treatments at Seth Howard Farm, Whiteface, Texas, 2020.

Treatment	Green Leaf %	Dessicated Leaf %	Defoliated Leaf %	Open Boll %	Re-growth	Green Leaf %	Dessicated Leaf %	Defoliated Leaf %	Open Boll %	Re-growth
	7 DAT	7 DAT	7 DAT	7 DAT	7 DAT	14 DAT	14 DAT	14 DAT	14 DAT	14 DAT
Folex 16 oz + Prep 32 oz + NIS 1/2%	2	1	97	95	0					
Ginstar 7 oz + Prep 32 oz + NIS 1/2%	6	0	94	96	0					
Gramoxone 32 oz + NIS 1/2%	0	12	88	99	0					
Gramoxone 20oz + Prep 32oz + NIS 1/2%	1	5	94	100	0					
ETX 1.25 oz + Prep 32 oz + COC 1%	2	0	98	100	0					
Display 0.8 oz + Prep 32 oz + COC 1%	2	0	98	100	0					
Sharpen 1 oz + Prep 32 oz + MSO 1% + AMS 1.5%	0	1	99	100	0					
Check	95	0	5	90	0					

DAT = Days after treatment on September 24, 2020.

20 gallons.

4 nodes above cracked boll, 5 pm, 91 degrees F.

COC=Crop Oil Concentrate; MSO=Methylated Seed Oil

NIS=90% Non-Ionic Surfactant

Regrowth (0-4) 0=none 4=not harvestable due to regrowth





Figure 1 Check





UNWANTED AGRICULTURAL SURPLUS PESTICIDES?

DISPOSE OF THEM PROPERLY AND STAY IN YOUR VEHICLE

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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- Outdated, discontinued or unwanted agricultural pesticides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.)



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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.

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Editor: Kerry Siders, Extension Agent-IPM
Contact information: 1212 Houston St., Suite 2 Levelland, TX 79336
(806) 894-3150 (office),
638-5635 (mobile), or 897-3104 (Fax)
ksiders@tamu.edu (E-mail),



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