

WEST
PLAINS
IPM
UPDATE

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

Sept. 13 2019

Vol. 24 – No. 15

Current Crop and Pest Situation

Today I finished up scouting **cotton** for the last time this growing season. Everything has enough maturity where it is safe from insects. Also, I wanted to go through all the cotton in the scouting program this week for the last time to be sure I could turn my back on cotton aphids. I found very few aphids still left, and they did not seem to be very active at all. Probably the biggest question remaining for some is shutting irrigation off. For those who received a good rain last Sunday and maybe a bit more this week it is easy to say your done. Those with pivots should be finished. There are a few drip acres where rain was not received may want to go through this weekend but finish up this coming week. I would not water once we have 10-15% open bolls.

Cotton harvest is fast approaching. Here is the link to the cotton harvest aid guide:
<http://lubbock.tamu.edu/files/2017/08/2017-High-Plains-Cotton-Harvest-Aid-Guide.pdf> . On the last two pages you will find some harvest aid results from 2017. I will keep you informed of any work I do this season.

On **peanuts**, keep irrigation going just enough to keep vines fresh for another week or so. This keeps those last pods set moving towards maturity and keeps vine health such that peg/pod attachment stays strong.

Continue to scout for sugarcane aphid in **grain sorghum** if you have late planted milo.

2019 Cochran County Farm Fair

9:00a - 1:00p

County Show Barn



Free Meal Provided by River Smith's, 11:30-1:00

Kerry Siders will discuss cotton harvest aids, look at some considerations for 2020, and review laws & regs; from 1-3 p.m.; 1 CEU in IPM and 1 CEU in Laws and Regs

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Table 1. Results of cotton harvest-aid treatments at Larry King Farm, Levelland, Texas, 2017.

Treatment	Cost of Chemical	Green Leaf % 7 DAT	Dessicated Leaf % 7 DAT	Defoliated Leaf % 7 DAT	Open Boll % 7 DAT	Re-growth 7 DAT	Green Leaf % 13 DAT	Dessicated Leaf % 13 DAT	Defoliated Leaf % 13 DAT	Open Boll % 13 DAT	Re-growth 13 DAT
Ginstar 8oz + Prep 42oz + ½% NIS	\$9.70	30	0	70	80	0	0	1	99	99	0
Display 0.8oz + Prep 42oz + 1% COC	\$11.18	25	5	70	82	0	0	0	100	99	0
ETX 1.25oz + Prep 42oz + 1% COC	\$8.40	20	0	80	85	0	0	0	100	100	0
Sharpen 1oz + Prep 42oz + ½% MSO + AMS	\$9.31	5	10	85	83	0	0	0	100	100	0
Gramoxone 20oz + Prep 32oz + ½% NIS	\$8.10	10	40	50	80	0	0	2	98	100	1
Gramoxone 32oz + ½% NIS	\$8.16	0	90	10	90	0	0	2	98	100	0
Check	\$0.00	70	5	25	65	0	25	0	75	90	1

DAT = Days after treatment on October 11, 2017.

17 gal/acre,

4 nodes above cracked boll, 3 pm.

COC=Crop Oil Concentrate ; MSO=Menthylated Seed Oil

NIS=90% Non-ionic Surfactant

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



For more information contact: Kerry Siders, Extension Agent - IPM, 806 638-5635, k-siders@tamu.edu

Table 2. Results of cotton harvest-aid treatments at Darrell Gresham Farm, Arnett, Texas, 2017.

Treatment	Cost of Chemical	Green Leaf % 7 DAT	Dessicated Leaf % 7 DAT	Defoliated Leaf % 7 DAT	Open Boll % 7 DAT	Re-growth 7 DAT	Green Leaf % 13 DAT	Dessicated Leaf % 13 DAT	Defoliated Leaf % 13 DAT	Open Boll % 13 DAT	Re-growth 13 DAT
Ginstar 8oz + Prep 42oz + ½% NIS	\$9.70	25	0	75	92	1	2	2	96	100	1
Display 0.8oz + Prep 42oz + 1% COC	\$11.18	20	5	75	92	1	3	2	95	100	2
ETX 1.25oz + Prep 42oz + 1% COC	\$8.40	15	5	80	93	0	0	1	99	100	0
Sharpen 1oz + Prep 42oz + ½% MSO + AMS	\$9.31	10	10	80	92	0	0	1	99	100	1
Gramoxone 20oz + Prep 32oz + ½% NIS	\$8.10	0	30	70	92	1	0	8	92	100	2
Gramoxone 32oz + ½% NIS	\$8.16	0	30	70	90	1	0	15	85	100	1
Check	\$0.00	85	0	15	70	0	60	0	40	85	0

DAT = Days after treatment on October 11, 2017.

17 gal/acre,

3 nodes above cracked boll, 1 pm.

COC=Crop Oil Concentrate ; MSO=Menthylated Seed Oil; AMS=Ammonium Sulfate

NIS=90% Non-ionic Surfactant

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



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