



HIGH PLAINS IPM Update

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



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High Plains Crop Update

Looks like everyone is either killing cotton or making a dust storm trying to put wheat in the ground. Forecast does not look to promising to help early wheat out.

Wanted to talk a little bit about some harvest-aid treatments being put out, seems like the go to in this area is Folex with a shot of Prep. We are looking at a few different products and as mentioned on the podcast this week a producer needs to evaluate each field differently as we look to harvest.

I believe fully that a producer needs to have a few different tools in their tool belts, you can't hit everything with a hammer! Some later season varieties and planting dates require a bit of work to cut through some of this foliage we have accumulated over the year. Below I have a list of results 7 D.A.T (days after treatment) on two harvest aid demos performed in the area. One just North of Muleshoe, just over the line into Parmer county and the other in Bailey County just West of the Lamb county line near circle-back.

Table 1. Results of cotton harvest-aid treatments at Scott Saylor Farm, Muleshoe, Texas, 2020

Treatment	Cost of Chemical	Green Leaf %	Dessicated Leaf %	Defoliated Leaf %	Open Boll %	Re-growth
		7 DAT	7 DAT	7 DAT	7 DAT	7 DAT
Folex 16 oz + Prep 32 oz + NIS 1/2%	\$15.89	40	0	60	86	1
Ginstar 7 oz + Prep 32 oz + NIS 1/2%	\$18.73	45	0	55	86	0
Gramoxone 32 oz + NIS 1/2%	\$12.94	3	7	90	88	1
Gramoxone 20oz + Prep 32oz + NIS 1/2%	\$13.17	5	9	86	85	0
ETX 1.25 oz + Prep 32 oz + COC 1%	\$13.67	3	2	95	90	0
Display 0.8 oz + Prep 32 oz + COC 1%	\$16.10	30	0	70	87	0
Sharpen 1 oz + Prep 32 oz + MSO 1% + AMS 1.5%	\$21.02	10	2	88	92	0
Aim 2 oz + Prep 32 oz + COC 1%	\$20.17	14	1	85	93	0
Check	\$0.00	85	0	15	82	0

DAT = Days after treatment on September 25, 2020.

20 gal/acre,

4 nodes above cracked boll, 1 pm, 91 degrees F.

COC=Crop Oil Concentrate ; MSO=Menthylated Seed Oil

NIS=90% Non-ionic Surfactant

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

Variety NG 3500





Table 2. Results of cotton harvest-aid treatments at Brent Nelson Farm, Circleback, Texas, 2020.

Treatment	Cost of Chemical	Green Leaf %	Dessicated Leaf %	Defoliated Leaf %	Open Boll %	Re-growth
		7 DAT	7 DAT	7 DAT	7 DAT	7 DAT
Folex 16 oz + Prep 32 oz + NIS 1/2%	\$18.38	8	0	92	97	0
Ginstar 7 oz + Prep 32 oz + NIS 1/2%	\$16.98	3	1	96	98	0
Gramoxone 32 oz + NIS 1/2%	\$11.55	0	13	87	98	1
Gramoxone 20oz + Prep 32oz + NIS 1/2%	\$15.46	4	4	92	99	1
ETX 1.25 oz + Prep 32 oz + COC 1%	\$11.91	4	1	95	98	0
Display 0.8 oz + Prep 32 oz + COC 1%	\$13.78	3	1	96	99	0
Sharpen 1 oz + Prep 32 oz + MSO 1% + AMS 1.5%	\$17.61	8	1	91	97	0
Aim 2 oz + Prep 32 oz + COC 1%	\$15.40	2	1	97	98	0
Check	\$0.00	40	0	60	80	0

DAT = Days after treatment on September 25, 2020.

20 gal/acre,

3 nodes above cracked boll, 4 pm, 94 degrees F.

COC=Crop Oil Concentrate ; MSO=Menthylated Seed Oil

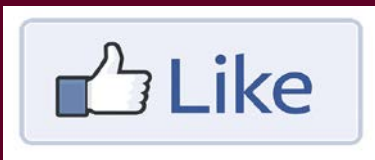
NIS=90% Non-ionic Surfactant

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

Variety PHY 400



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If you have any questions or comments give me a shout! I will be posting 14 DAT data in one week's time!

Like to remind everyone to listen to our weekly IPM update, covering ten counties right here in the panhandle. You'll find the information on the left side of the page.

Also follow Bailey County's Texas A&M AgriLife Extension page if you're a Facebooker.

Thank you so much to my sponsors for their contribution to my program!



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Editor: John Thobe, Extension Agent-IPM
 Contact information: 118 W Ave C Muleshoe, Tx 79347

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