



Western HIGH PLAINS IPM Update

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



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IPM Podcast Click

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Western High Plains Crop Update

Welcome to the last official newsletter for the season!

Want to start off by saying thank-you for all the help and support in my program this year. Local consultants keeping up with what is happening in the fields, to producers I work with, and all the agricultural industry I have had the pleasure in speaking with this year!

In **cotton** we are at a hurry up and wait situation, many guys are waiting to get their hands on some harvest aids, and are itching to put something on in anticipation of a little bit of heat as we look to the end of the week. Just wanted to share some results that Kerry Siders (EA IPM Hockley, Cochran, Lamb) and myself put out last season.

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

Treatment	Average cost of Chemical	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%		40	0	60	86	1	35	0	65	87	1
Ginstar 7 oz + Prep 32 oz + NIS 1/2%		45	0	55	86	0	28	1	69	89	1
Gramoxone 32 oz + NIS 1/2%		3	7	90	88	1	3	1	91	89	2
Gramoxone 20oz + Prep 32oz + NIS 1/2%		5	9	88	85	0	4	0	88	85	1.5
ETX 1.25 oz + Prep 32 oz + COC 1%		3	2	95	90	0	3	1	96	91	0
Display 0.8 oz + Prep 32 oz + COC 1%		30	0	70	87	0	25	8	75	90	0
Sharpen 1 oz + Prep 32 oz + MSO 1% + AMS 1.5%		10	2	88	92	0	6	6	93	94	0
Aim 2 oz + Prep 32 oz + COC 1%		14	1	85	93	0	9	3	90	92	0
Check		85	0	15	82	0	85	0	15	82	0

DAT = Days after treatment on September 25, 2020.

20 gallons/acre.

4 nodes above cracked boll, 1 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

Variety = NG 3500

For more information contact: John Thobe, Extension Agent - PM, (712) 790-9828



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

Bailey

Castro

Parmer

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

Treatment	Average cost of Chemical	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%		8	0	92	97	0	7	0	93	97	0
Ginstar 7 oz + Prep 32 oz + NIS 1/2%		3	1	96	98	0	2	1	97	97	0
Gramoxone 32 oz + NIS 1/2%		0	13	87	98	1	0	11	89	98	1
Gramoxone 20oz + Prep 32oz + NIS 1/2%		4	14	92	99	1	2	1	97	99	1
ETX 1.25 oz + Prep 32 oz + COC 1%		4	1	95	98	0	1	0	99	98	1
Display 0.8 oz + Prep 32 oz + COC 1%		3	1	96	99	0	3	1	96	99	0.5
Sharpen 1 oz + Prep 32 oz + MSO 1% + AMS 1.5%		8	1	91	97	0	7	1	92	98	0.5
Aim 2 oz + Prep 32 oz + COC 1%		2	1	97	98	0	1	1	98	99	0.5
Check		40	0	60	80	0	40	0	60	85	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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Big thing here to point out is the everything compared to the check at the bottom of both outcomes. I understand that most guys are going to go out with what they always do but these combinations of chemical give you different options on particularly growthy or high foliage fields. Let me know if you have any questions.

Last two things I want to speak on is please check out our upcoming program **this Friday October 8 from Nine until eleven at Chad nickels farm on Industrial Hemp Production!** Good little talk about what to expect when growing hemp, as always very informational, ask questions about this if intrested! (See attachement)

Please be on the lookout for my end of year Survay/Qualtrics to evaluate how I am doing as an IPM agent and the value, if any I have brought to your farm, company, or establishment!

As always, a big thanks to the sponsors listed to the left for their continued support in my program!



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