

CROP MANAGEMENT REPORT

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THANK YOU



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GENERAL SITUATION

We have finally received another round of showers, the first in several weeks or more depending on if you received anything the last go around. I have heard anywhere from 0.1 to 2.0 inches over the past week. Obviously the more the merrier as 0.1 to 0.3 inches will only settle the dust and germinate another flush of weeds, but at least it cooled things off for a day or two after this record heat. Surprisingly, we have a lot of really good looking cotton out here, both dryland and irrigated. Plants have loaded up very nicely and were about to start shedding a lot of bolls. Fields that caught a fair rain may get a few more bolls now.

COTTON

As is the case so many times, we have a very mixed crop. As a whole, our crop is not bad but we still need that good general rain across the area to make a crop for everyone. Some of the early cotton appears to have missed the late May to early June rains and it is finished, where other fields caught a shower and they are 5 to 6 NAWF. On the other hand there are late planted fields hanging on nicely due to minimal boll load right now and others that were dry to begin with bloomed at cutout. Insect wise there is not a lot to worry about at this time. A few late planted fields are still squaring and we are checking for fleahoppers, but the numbers are staying below thresholds. Square sets dropped on several fields that the scouts checked in the Garden City area this week. I am following up on these fields so if you do not hear back from me everything is fine. As we set more bolls on this crop I am intensifying my stink bug scouting, especially in areas where we typically see stinkbugs show up. At this point I have not seen much in the way of stinkbugs at all. PGR's are being applied very sparingly at this time. A handful of fields with heavy irrigation, high fertilizer and growthy varieties are needing some PGR management, but this is more the exception this year than the rule.

SORGHUM/CORN

Milo and corn are nearing harvest for many producers in the area. A little shower should mature those green tillers in the sorghum but could keep the moisture up in the corn for a couple of days.

SUGARCANE APHIDS

Sugarcane Aphid was discovered in Glasscock County this week on Wednesday (7/27) and from the number of aphids per leaf and number of plants infested, they have probably been there at least a week. This is a later planted, mid-May sorghum field so control will most likely be needed. At this time our two best options for control include Sivanto at 4.0oz per acre or Transform at 1.0oz per acre. If applied by air the label for Sivanto says 2 GPA. I would strongly suggest you talk to the pilot and see if you can get them to put it out at 5 GPA to increase your coverage. Both Sivanto and Transform have a 14 day PHI, if you get within 2 weeks of harvest and SCA becomes an issue we still have options. Malathion will knock them down but they may bounce back, it has a 7 day PHI. You will want to get them before the crop becomes a sticky mess of honeydew.

A couple of points to keep in mind include: we have other aphids present in the area besides SCA, so proper identification is key and SCA will also feed on haygrazer. There are almost always corn leaf aphids in sorghum and this year we have quiet a few greenbugs present. Both can reach economic levels. Greenbugs feed on the underside of leaves just like SCA, but will cause reddening of the leaf. Both of these pests can be controlled more economically than SCA. Also, when SCA gets established in a hay crop, the honeydew alone can cause you to loose a cutting, not to mention loss of quality due to premature desiccation of foliage.



WEED CONTROL

For many folks it seems like all you have done this year is battle weeds. Unfortunately now is not the time to take a break. With showers this week we may see another flush and any seed produced now will be the weeds that we fight next year. If you think for a second they might be resistant then get them bagged and haul them off.

TURNROW MEETINGS

Tuesday, August 2	9:00 a.m. Glasscock Coop
Wednesday, August 3	9:00 a.m. Midkiff Coop
Tuesday, August 9	9:00 a.m. Glasscock Coop
Wednesday, August 10	9:00 a.m. Midkiff Coop

Weather Data

	May 10	May 20	June 1	June 10
Daily ET	.26 in/day	.26 in/day	.26 in/day	.05 in/day
Previous 7 day	2.07in	2.07 in	0.99 in	0.41 in
Total water use	9.47 inches	7.55 inches	3.10 inches	2.21 inches

HEAT UNITS

Heat units averaged 23.4 per day this past week and 24.25 per day the past two weeks. Heat units since 5/10, 5/20, 6/1, and 6/10 are compared with last year and the five year average in the table below.

DATE	5/10	5/20	6/1	6/10
2016	1572	1478	1272	1154
2015	1348	1248	1141	990
5 Year AVG	1544	1434	1239	659

Everyone has heard about this being the hottest summer on record, here is how our temps for the past 7 years stack up

	May			June			July		
	HI	LO	AVG	HI	LO	AVG	HI	LO	AVG
2016	84.13	58.97	71.55	90.10	66.63	78.37	98.79	72.71	85.75
2015	81.77	58.00	69.88	88.93	66.33	77.63	90.07	68.14	79.11
2014	85.97	56.94	71.45	90.93	68.70	79.82	91.14	67.86	79.50
2013	86.65	58.58	72.61	93.37	69.53	81.45	91.79	66.43	79.11
2012	86.55	62.39	74.47	96.37	68.43	82.40	92.14	67.93	80.04
2011	89.84	59.42	74.63	100.53	72.00	86.27	98.21	71.14	84.68
2010	85.77	59.81	72.79	96.33	70.97	83.65	83.5	70.57	77.04
AVG	85.81	59.16	72.48	93.79	68.94	81.37	92.23	69.25	80.75

Kellermeier Wheat Variety Trial

DATE 5/26/2016

Variety	% Moisture	Test Wt.	Bu/Ac
TAM 114	11.5	63.2	64.59
TAM 113	11.6	62.5	62.37
TAM 204	10.8	59.6	56.42
Deliver	11.1	60.9	49.52
W.B. 4458	11.0	61.8	46.77
TAM 111	11.5	62.4	46.50
TAM 401	11.4	60.5	46.13
Duster	11.2	61.3	45.80
Winterhawk	11.4	62.9	44.83
Grainfield	11.5	61.0	41.34
Greer	11.2	61.2	37.16
Weathermaster	11.2	60.7	24.20
Average	11.28	61.50	47.13
Minimum	10.80	59.60	24.20
Maximum	11.60	63.20	64.59