

CROP MANAGEMENT REPORT

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GENERAL SITUATION

With a little rain received this past week many fields are starting to look much better. On the other hand, there are quite a few fields with skippy stands and patchy stands overall. Some of these areas just coming up will have a considerably lower yield potential if they do not make a stand before July 1st. Rain-fall over the past week has been anywhere from .2-2 inches throughout the area. Cotton is anywhere from emerging to squaring with 12-13 nodes. Most fields are at the 7-9 true-leaf stage and just now starting to put squares on. Insect pressure has been light and the rains have brought weeds.

THRIPS

Thrips to this point have been very light throughout the area with the most all fields averaging less than 1 thrips per plant. There was one field in St. Lawrence that exceeded the threshold and was treated. This was a very early planted field.

COTTON FLEAHOPPERS

As cotton starts squaring our scouts are turning their attention to fleahoppers. Right now, fleahopper numbers are running 1-2 fleahoppers per 100 terminals with square sets 85% or better

SCOUTING PROGRAM

The scouts began work a couple of weeks ago and should have all fields located and scouted. If you have not been contacted, please let me know. They are reporting thrips numbers and any other insects showing up in the fields that are not yet squaring. The squaring fields are being checked for fleahoppers and square set.

SCOUTING SAFETY

If you are treating fields the scouts are checking with a pesticide, please let the scouts know so they are not exposed unnecessarily to the pesticide.



Fall armyworm larva

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WEATHER DATA

	May 10	May 20	June 1	June 10
Daily ET	.054 in/day	.055 in/day	.056 in/day	.049 in/day
Total water use	2.59 in	2.10 in	1.47 in	0.84 in

ET data should be used and taken into consideration as well as pumping capacity, rainfall and future demand of the cotton plant.

HEAT UNITS

Heat units averaged 24.7 per day this past week and 22 per day the past two weeks. Heat units since 5/10, 5/20, 6/1, and 6/10 are compared with last year and a five year average in the table below. Over the past week we have finally started to accumulate heat units on a more consistent pattern and we are starting to see some of this cotton grow off like we would like

DATE	5/10	5/20	6/1	6/10
2014	771	672	505	320
2013	895	753	546	371
5 Year AVG	930	809	598	408

Heat units needed for Cotton Development from the Cotton Physiology Today newsletter

Planting To:	Days	Heat Units
Stand Establishment	4-9	50 to 60
Emergence to 1st Square	27-38	425 to 475
Square to Flower	20-25	300 to 350
Planting to 1st Flower	60-70	775 to 850

FALL ARMYWORMS

Fall armyworms (FAW) numbers continue to be high in sorghum and haygrazer throughout the St. Lawrence area. In every field I have walked into I can pull the whorls I find at least 1 and sometimes 3 or more per plant. At this point I have not seen any fields that need to be treated for FAW right now. They will make the crop look rough and ragged, but as long as they are not feeding on the emerging head or growing point you should be fine. I have looked at several fields that have headed out and are starting to flower, there are a few larva in these heads, but the ones with large open heads have fewer worms. Suggested insecticides for control of FAW include Carbaryl, Baythroid, Karate, Warrior, Asana, Methomyl, or Mustang Max. I have not noticed FAW in any watermelons to this point. Give me a call if you have anything you need me to check.

TURNROW MEETINGS

Tuesday, July 1	9:00 a.m. Glasscock Coop
Thursday, July 3	9:00 a.m. Midkiff Coop
Tuesday July, 8	9:00 a.m. Glasscock Coop
Wednesday, July 9	9:00 a.m. Midkiff Coop