
Warren L. Multer, EA/IPM

PEST MANAGEMENT REPORT

NEWS ABOUT INTEGRATED PEST MANAGEMENT IN GLASSCOCK, REAGAN AND UPTON COUNTIES

GENERAL SITUATION

We have had beneficial rainfall over a good part of the area in the last 10 days. Amounts ranged from 1-5" over most of the area. Fleahoppers remain the insect of most concern at this time with some fields requiring treatment. Some drip fields will be candidates for an application of plant growth regulators.

BOLL WEEVILS

Activity remains light in the St. Lawrence area. Some north Glasscock fields were sprayed for over-wintered weevils last week by the Boll Weevil Foundation.

BOLLWORM

We continue to find an occasional bollworm egg or small larvae in some fields.

PLANT GROWTH REGULATORS

Several of the heavier irrigated fields may have excessive growth with the addition of the rain. You should monitor the more recent internode lengths to determine if excessive growth is occurring.

We have not seen increased yields with most plant growth regulator applications, but have seen reduction in plant size which is valuable at harvest time.

If you have questions about the need for plant growth regulation, give me a call. It has been a while since we have discussed this.

WHITE GRUB WORMS

June beetles are abundant now and if you have had problems with white grubs, you should treat your lawn now. One of the best and longest lasting products is Merit®. You should be able to get it at most chemical dealers or retail outlets.

SCOUTING PROGRAM

The rain has interrupted the scouts schedule this week but they should get all fields checked and get on a more regular schedule again next week.

SCOUTING SAFETY

If you are spraying an insecticide on the fields the scouts are checking, please contact them or myself. We do not want them to be exposed to chemicals unnecessarily.

FLEAHOPPERS

Fleahoppers ranged from 0-18 per 100 terminals this week. Square sets ranged from 77-100%. Many fields are setting fruit fine, but we have some fields that are dropping lower than we want. You should be checking all fields now for fruit retention and fleahoppers. The fields with more irrigated water available should be watched closest to set a higher fruit load.

It appears that several of the fields with higher fleahopper numbers have a considerable amount of volunteer cotton in them that is a month older. This cotton may have acted as an alternate host for fleahopper reproduction earlier.

WEATHER DATA

Weather data for the past two weeks is included in the table that follows:

DATE	HIGH TEMP	LOW TEMP	RAIN	AVG WIND SPEED	AVG SOIL TEMP
6/17	97	71	0	14	85
6/18	96	73	0	12	85
6/19	96	67	0	8	86
6/20	96	72	0	10	86
6/21	98	65	0.09	14	86
6/22	83	64	0	12	85
6/23	84	66	0	6	84
6/24	90	64	0.10	6	84
6/25	81	63	0.57	5	84
6/26	86	61	0	6	83
6/27	87	61	0	5	83
6/28	82	65	1.57	5	83
6/29	83	65	1.95	7	79
6/30	90	67	0	7	80
7/1	98	71	0	10	80

HEAT UNITS

Heat units averaged 16 per day the past week. Heat units since 5-1, 5-15, 6-1 and 6-15 are compared with last year and a five year average in the table below.

DATE	5/1	5/15	6/1	6/15
2004	1106.0	961.5	635.5	318.5
2003	1054.5	800.0	558.0	320.5
5 YEAR AVERAGE	1102.6	901.8	612.4	338.1

TURNROW MEETINGS

Tuesday, July 6 9:00 am Glasscock Coop
 Wednesday, July 7 9:00 am Midkiff Coop

Tuesday, July 13 9:00 am Glasscock Coop
 Wednesday, July 14 9:00 am Midkiff Coop

COTTON FERTILITY AND WEED MEETING

Tuesday, July 20 9:00 am Glasscock Coop
 1:30 pm Midkiff Coop

Charles Stichler and Billy Warrick will be at this meeting to discuss fertility, weed ID, weed control and spray application.

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