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MUCK CROPS RESEARCH STATION IPM 2017

This is the Muck Crops Research Station Report and IPM Information for Tuesday May 16, 2017

The weather has finally been warming up! While some fields remain too wet to work, activity has greatly increased around the marsh. With the weather warming up, insect degree days are beginning to accumulate faster.

Onion

Most onion fields are now seeded or being prepped for seeding. Prowl H2O can be applied at the loop stage and the 2nd true leaf stage for weed control, although Prowl only control emerging weeds and not established weeds. Prowl can also be applied to transplants once they are established, around 10 good days after transplanting. Frontier Max is registered for controlling yellow nutsedge pre-emergence. Apply Frontier Max once per season at the loop stage. The threshold for first generation onion maggot emergence has now passed. Yellow sticky traps are being set up around the marsh to track this first generation.

Carrot

A few carrot fields have been seeded around the marsh, although almost no carrots have emerged yet. For weed control in carrots, Gesagard 480SC is registered but do not apply it near the time of crop emergence or after emergence. Lorox is also registered, but do not apply it on emerging carrots, particularly if the crop has been irrigated or there is heavy rain.

Carrot weevil is currently at 98 DD and egg laying is set to begin at 147 DD, which can occur quickly with the warm weather forecasted. Carrot weevil adults have already been captured around the marsh. Later planting dates can reduce carrot weevil damage by avoiding the egg laying period set to begin in the next week or two. Carrot rust fly development is currently at 254 DD and first generation emergence is expected a 329-395 DD.

ANY QUESTIONS OR COMMENTS? Call Zach Telfer or Mary Ruth McDonald at 905-775-3783





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DATE (May, 2016)	TEMPERATURE (°C)		ACCUMULATED RAINFALL (mm)
	MAX	MIN	
1	14.5	5.0	21.6
2	11.7	5.9	1
3	17	3.2	0
4	10.1	0.5	12.2
5	8.9	5.5	26.6
6	6.9	4.6	1.6
7	9.1	2.9	0.6
8	11.4	0.9	0
9	12.1	2.7	0
10	15.1	2.1	0
11	15.3	5.8	0
12	15.4	1.8	0
13	17.6	8.6	0
14	16.1	4.2	0
15	17.2	5.8	0

