

July 21, 2018

Mint Pest Alert Newsletter

- Central Oregon -

Optimal Application Window Passed, but Can Apply Now

According to the GDD model, peak moth catch of Mint Root Borer (MRB) and peak 3rd instar of Variegated Cutworm (VC) passed last week. These two stages were the optimal times to control MRB and VC with Coragen®. However, **application now should provide adequate control during peak egg laying of MRB and 4th instar of VC.**

Average MRB moth counts increased between the last two trapping events, suggesting insect development may be behind the model's prediction. If applying Coragen®, follow the label: <http://www.cdms.net/ldat/ld8KF036.pdf>

VC larvae should be controlled before 5th instar when they drop to ground and become difficult to control. Treatment threshold is 0.6 larva/sweep or 1.3 larvae/sq ft.



Oregon State University
Extension Service

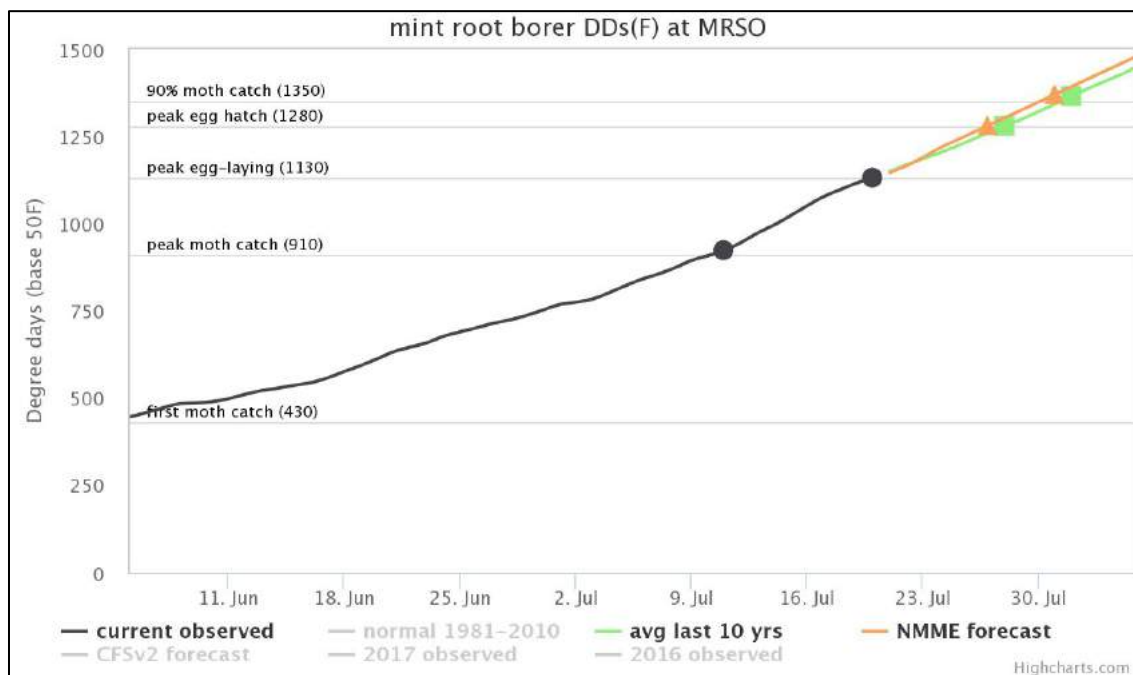
Questions? Contact Clare Sullivan:
Clare.Sullivan@oregonstate.edu

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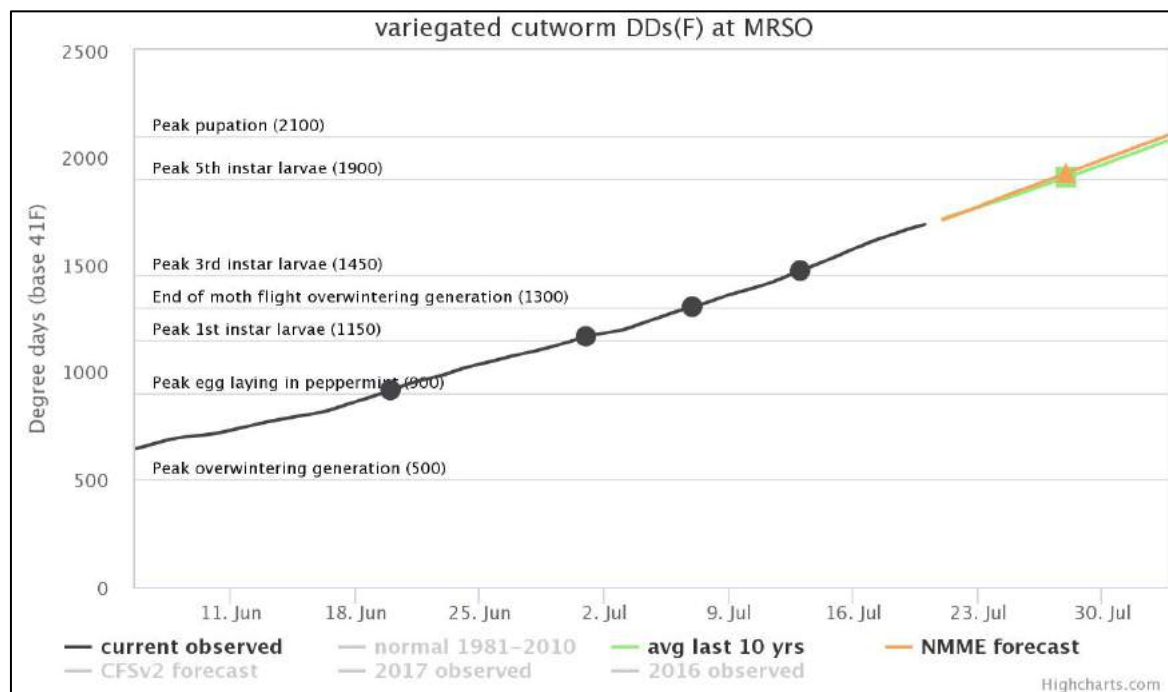
Mint Root Borer (MRB) Development – Culver & Madras

- ✧ Peak moth (910 GDD) was July 11th – optimal app timing
- ✧ Adequate control w/ Coragen expected through peak egg laying
 - According to model was July 20th



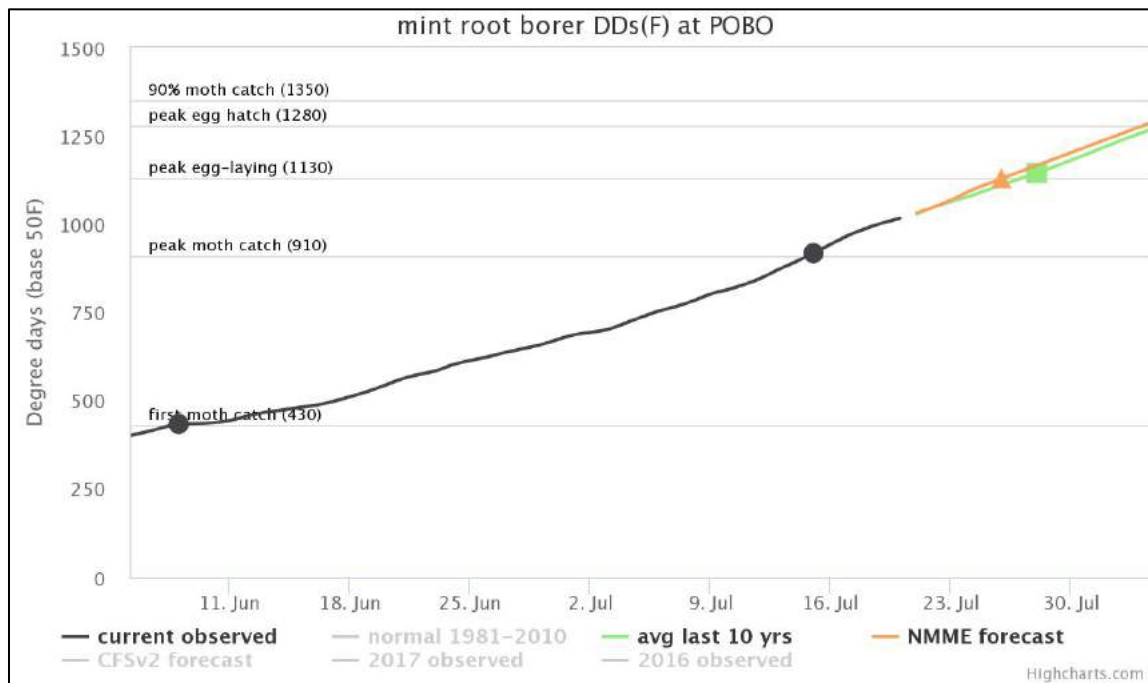
Variegated Cutworm (VC) Development – Culver & Madras

- ✧ Peak 3rd instar has passed (predicted July 13th)
- ✧ Control before they reach 5th instar (predicted July 28th)



MRB Development – Prineville & Powell Butte

- ✧ Peak moth (910 GDD) predicted July 16th – optimal app timing
- ✧ Adequate control w/ Coragen expected through peak egg laying
 - 1130 GDD, predicted to be July 26th



VC Development – Prineville & Powell Butte

- ✧ Peak 3rd instar has passed (predicted July 17th)
- ✧ July 16-23rd optimal timing to control both MRB and VC

