

July 13, 2018

Mint Pest Alert Newsletter

- Central Oregon -

Best Application Window Now

The best application window for in-season control is now until July 18th for both Mint Root Borer (MRB) and Variegated Cutworm (VC) in the Madras/Culver area. Powell Butte is 4 days behind.

Peak moth flight for MRB is predicted for July 11 or 15, but adequate control with Coragen® should continue through peak egg laying. If needed, Coragen® label recommends 5fl oz/ac between 900-1250 GDDs:

<http://www.cdms.net/ldat/ld8KF036.pdf>

Optimal application timing of Coragen® or Orthene® to control VC is now, at 3rd instar. Control VC before they start feeding heavily in 4th instar. Treatment threshold is 0.6 larva/sweep or 1.3 larvae/sq ft. High temperatures will speed up insect development this next week.



Oregon State University
Extension Service

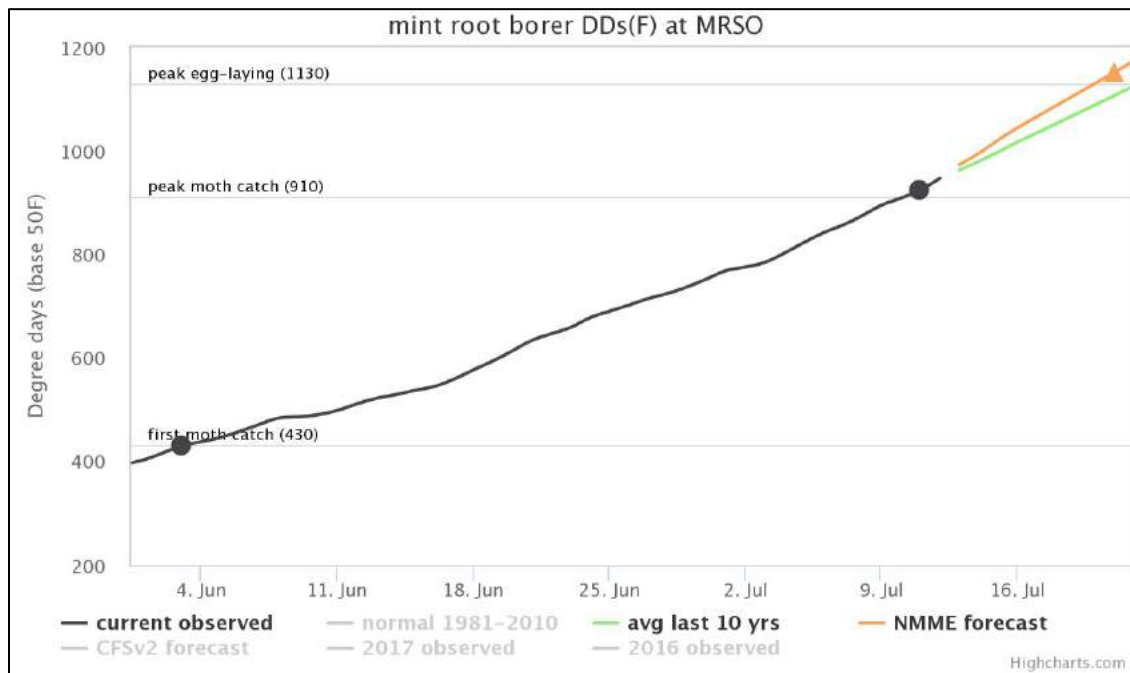
Questions? Contact Clare Sullivan:
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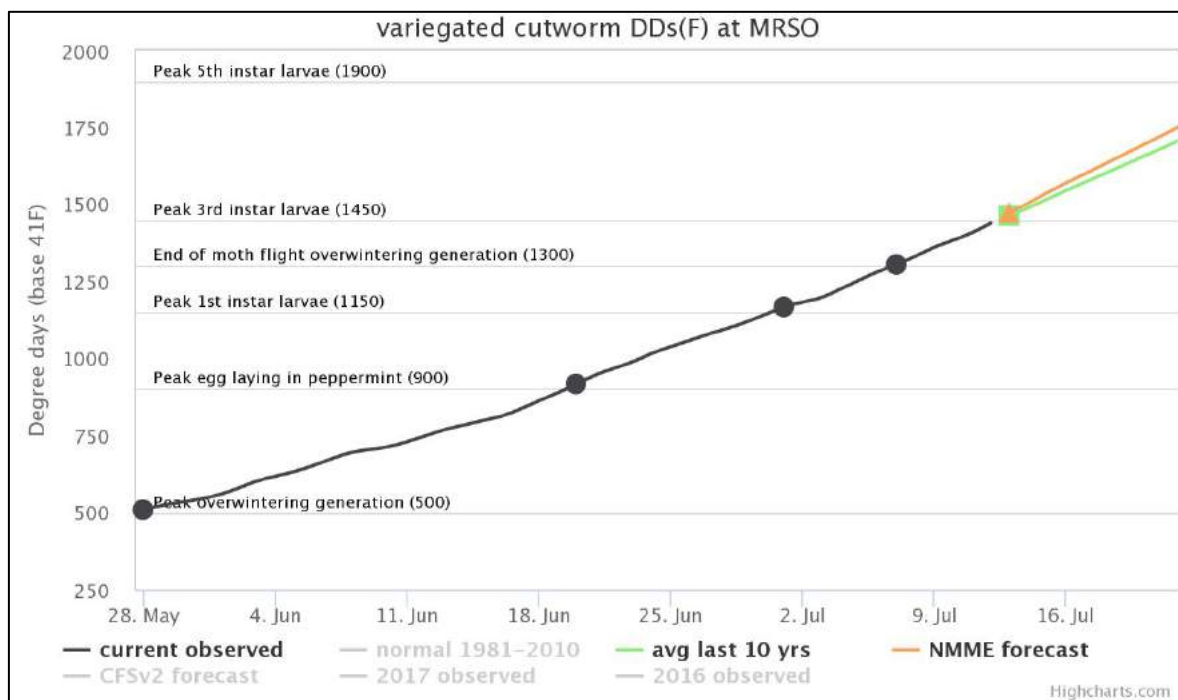
Mint Root Borer (MRB) Development – Culver & Madras

- ✧ Peak moth (910 GDD) was July 11th – optimal app timing
- ✧ Adequate control w/ Coragen expected through peak egg laying
 - 1130 GDD, predicted to be July 21st



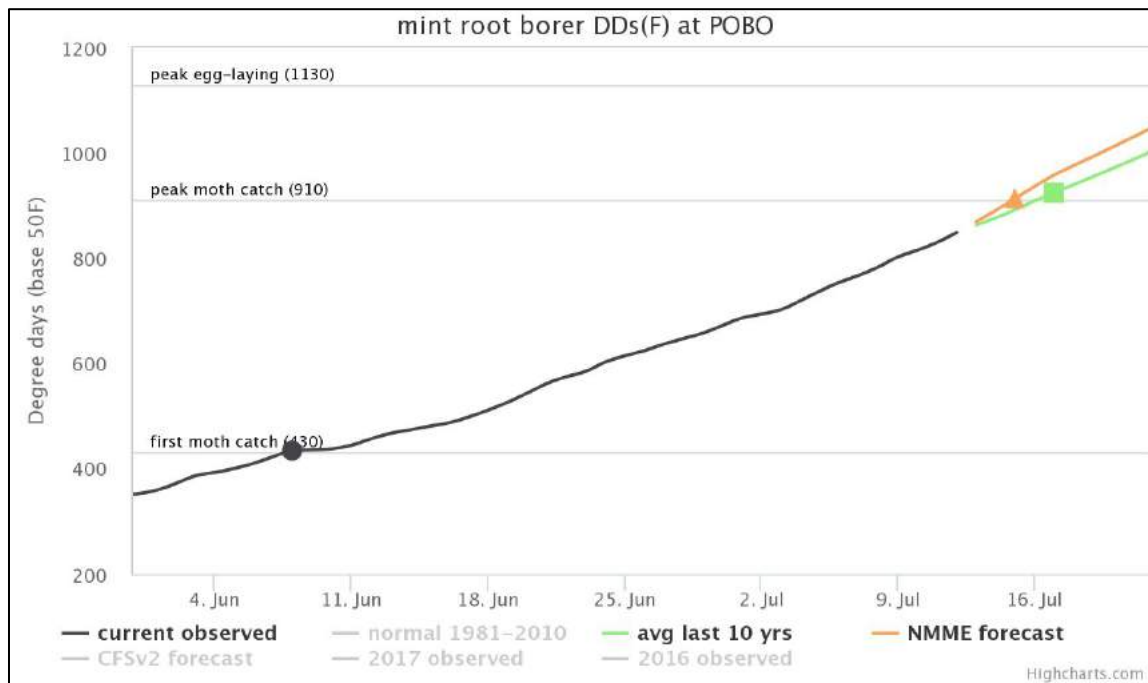
Variegated Cutworm (VC) Development – Culver & Madras

- ✧ VC best controlled by 3rd instar (peak predicted July 13th)
- ✧ July 11-18th optimal timing to control both MRB and VC



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 27th



VC Development – Prineville & Powell Butte

- ✧ VC best controlled by 3rd instar (peak predicted July 17th)
- ✧ July 16-23rd optimal timing to control both MRB and VC

