

August 1, 2019

Mint Pest Alert Newsletter

- Northeastern Oregon -

Optimal Control Window Closing

According to the DD models, recommended application timing of Coragen to control Mint Root Borer (MRB) and Variegated Cutworm (VC) has passed in the Grande Ronde Valley.

In the Baker Valley, peak moth catch appears to have been reached earlier than the model predictions, with the apparent peak (average of 3/trap) occurring during the week of July 16th. Moth catch has since declined and suggests in-field MRB development may be ahead of model predictions. The optimal timing for Coragen applications may also be passed in Baker Valley.

VC larvae should be controlled before peak 5th instar larvae (Aug 5th for Grande Ronde and 11th for Baker). Treatment thresholds for VC are 1.3 larvae/ft².



Oregon State University
Extension Service

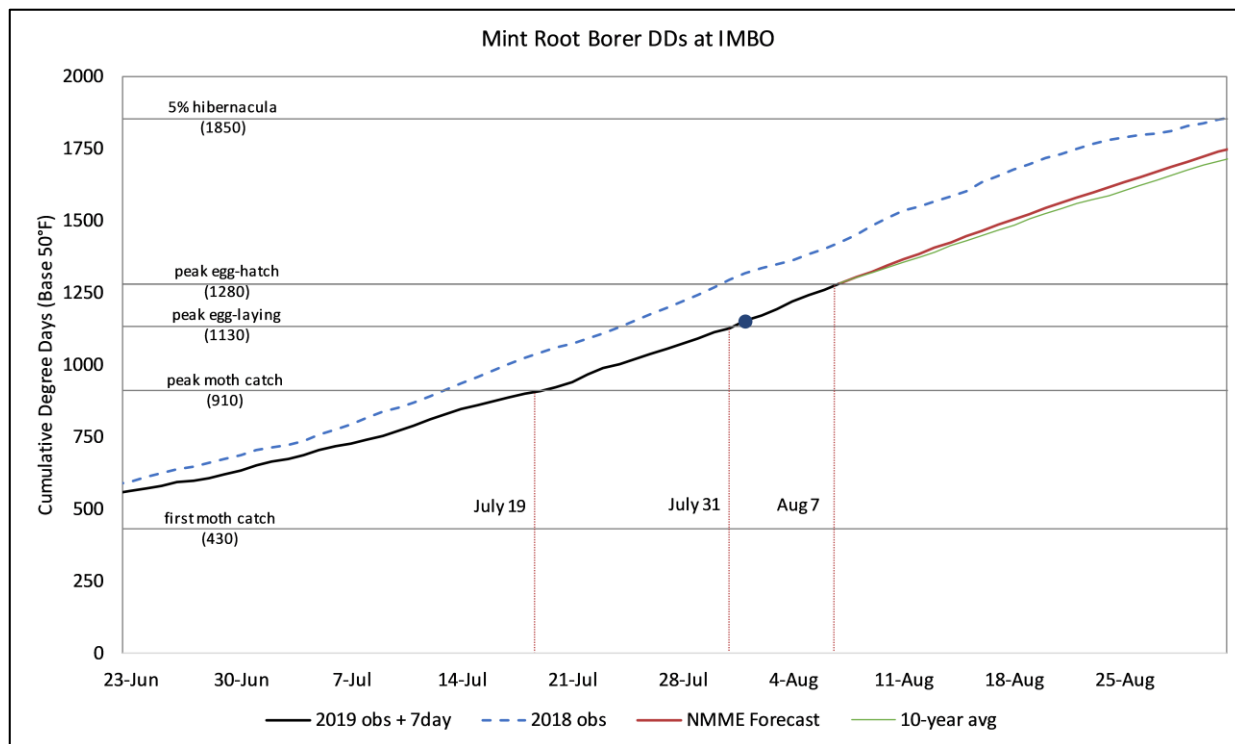
Questions? Contact Darrin:
Darrin.Walenta@oregonstate.edu
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Mint Root Borer (MRB) Development – Grande Ronde Valley

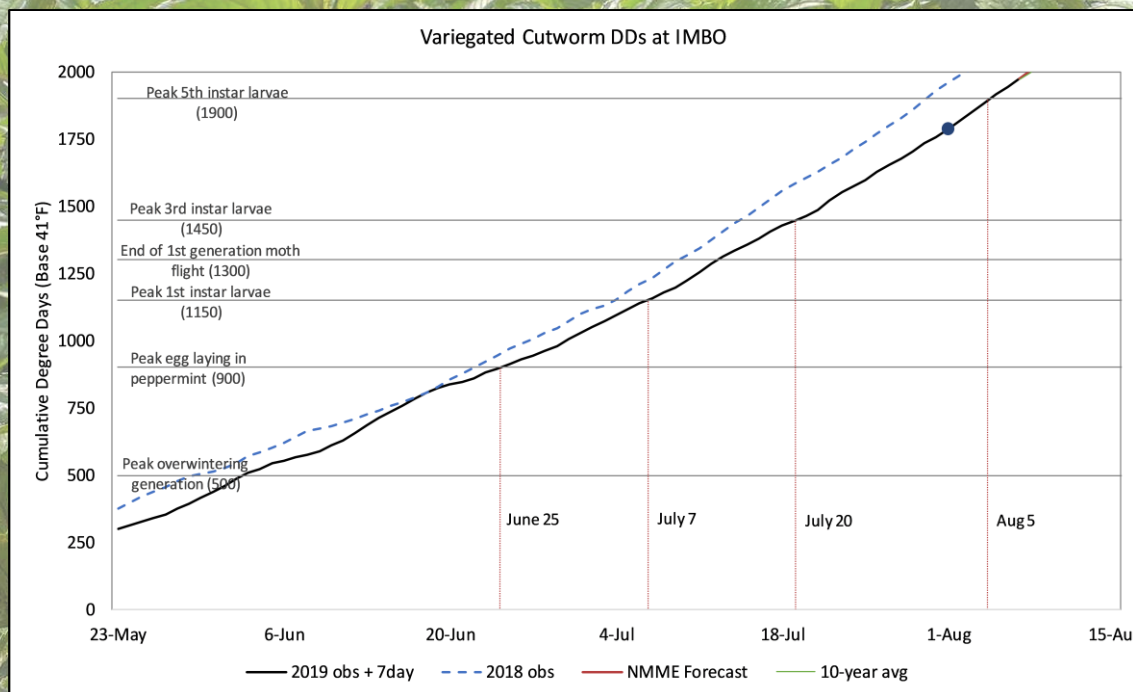
- ✧ Peak egg laying reached on July 31st - optimal application window now closed for the Grande Ronde Valley.



Click graphs to view larger images

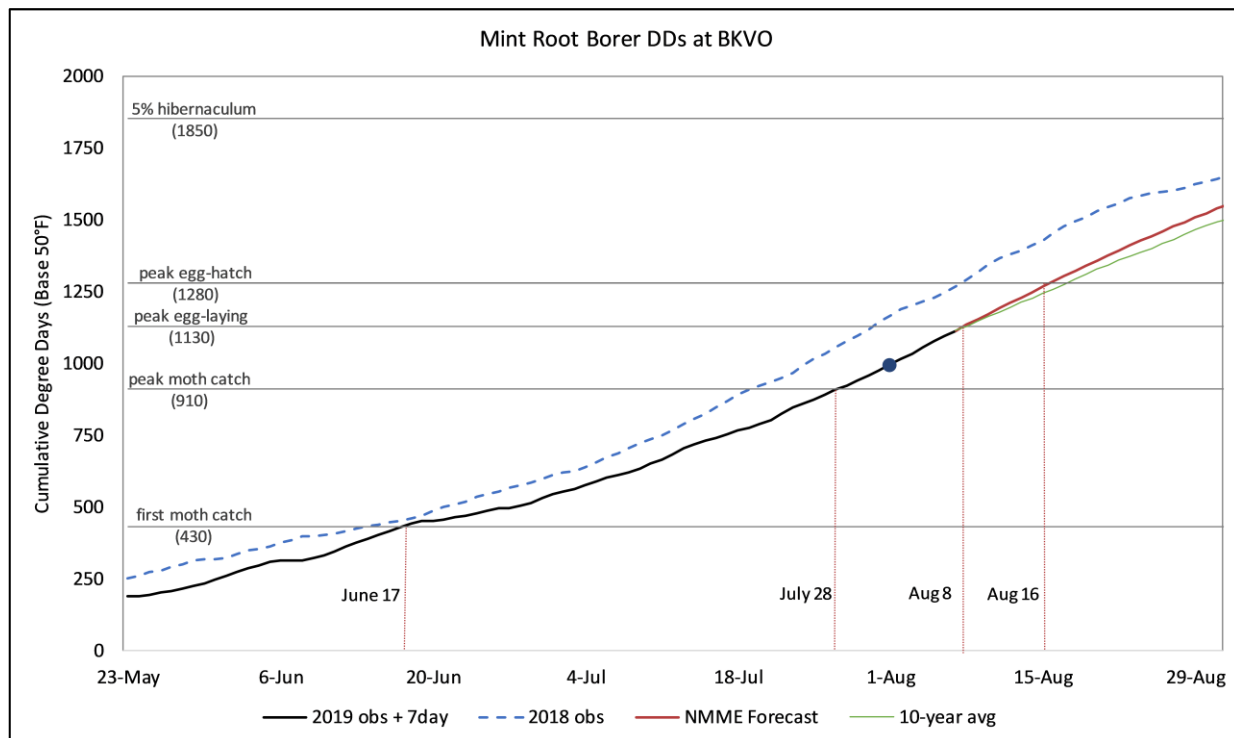
Variegated Cutworm (VC) – Grande Ronde Valley

- ✧ Larvae should be in late-instar stages and easy to spot on the soil surface. Suggested treatment threshold of 0.5/sweep or 1.3/ft²



MRB Development – Baker Valley

- ✧ Degree-day model for MRB puts peak moth catch July 28th in Baker Valley – plan to make management decisions by peak egg laying (Aug 8th)



Click graphs to view larger images

VC Development – Baker Valley

- ✧ 5th instar larvae predicted to peak August 11th – Continue scouting fields and plan for applications if number of larvae exceed 0.5/sweep or 1.3/ft²

