

July 10, 2019

# Mint Pest Alert Newsletter

## - Northeastern Oregon -

### Now is the time to scout for MRB and Cutworms

If MRB moths are found in high numbers, take advantage of the optimal timing for control. Peak moth flight for MRB is predicted for July 17<sup>th</sup> in the Grande Ronde Valley and the 24<sup>th</sup> for Baker Valley. Adequate control can be achieved through July 28<sup>th</sup> and August 5<sup>th</sup>.

Keep in mind that insecticide applications should never be made based solely on model predictions - knowledge of your fields' historical MRB infestations and current observations of MRB activity are the only way to determine whether management is currently needed. Scouting efforts should continue this week and next to determine whether management is needed.



**Oregon State University**  
Extension Service

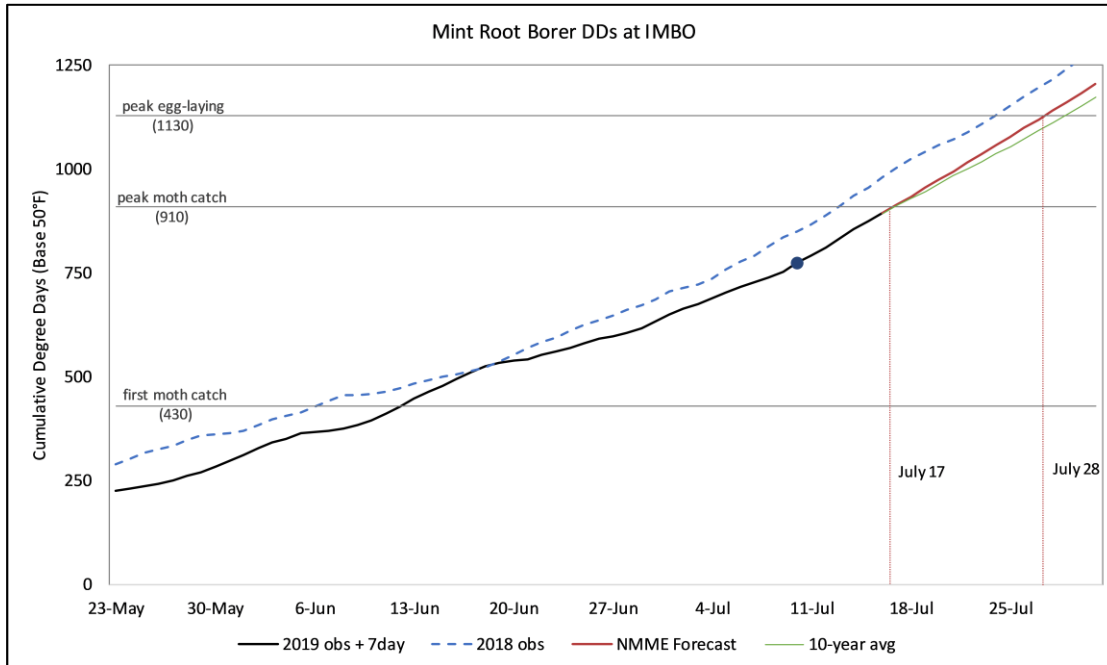
Questions? Contact Darrin:  
[Darrin.Walenta@oregonstate.edu](mailto:Darrin.Walenta@oregonstate.edu)  
[Visit the Mint Pest Alert Website](#)

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## Mint Root Borer (MRB) Development – Grande Ronde Valley

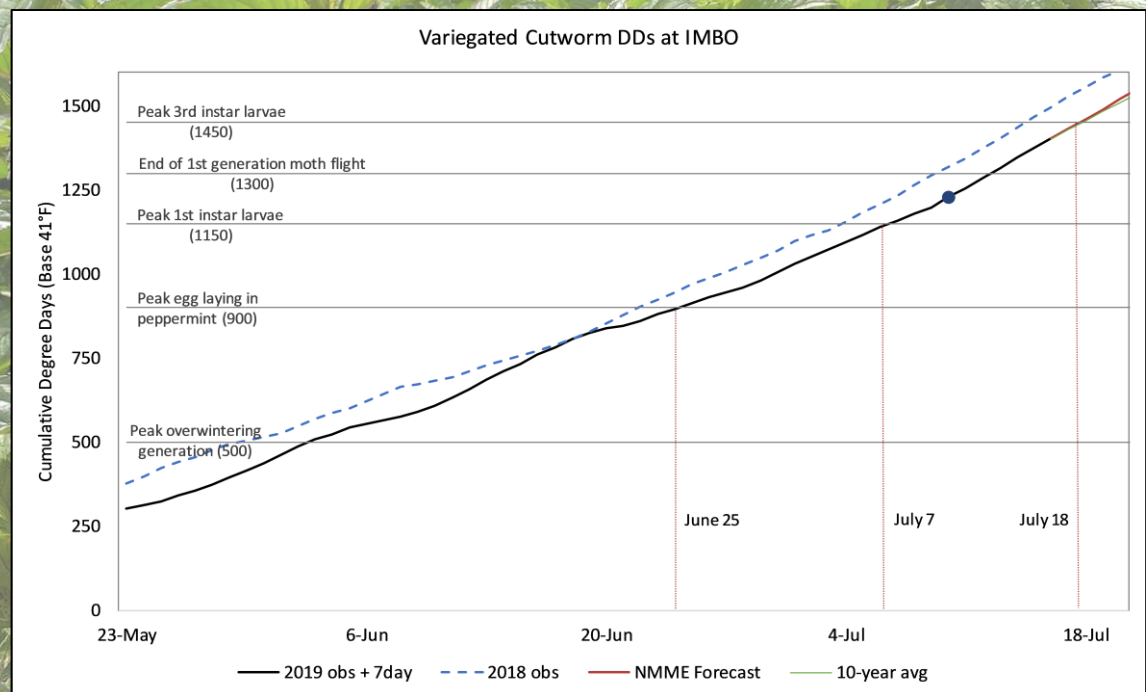
- ✧ 2019 GDD forecast (red line) slightly ahead of 10-yr average (green line) and falling further behind 2018 (dashed blue line)
- ✧ Peak moth catch predicted to be July 17<sup>th</sup> - optimal application time if needed



Click graphs to view larger images

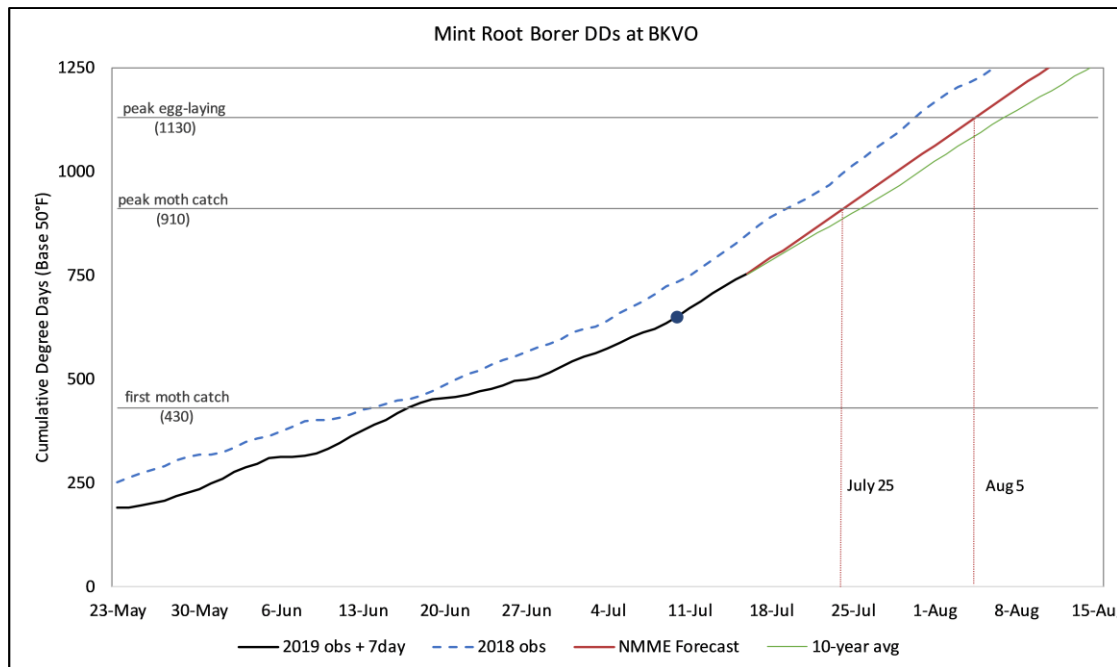
## Variegated Cutworm (VC) – Grande Ronde Valley

- ✧ Larvae mostly in 1<sup>st</sup> and 2<sup>nd</sup> instars
- ✧ 3<sup>rd</sup> instars predicted by July 18<sup>th</sup> - Scout fields and plan for applications next week if number of larvae exceed 0.5/sweep or 1.3/ft<sup>2</sup>



## MRB Development – Baker Valley

- ✧ 2019 GDD forecast (red line) slightly ahead of 10-yr average (green line) and falling further behind 2018 (dashed blue line)
- ✧ Cooler weather has pushed the model back further, now July 25<sup>th</sup> in Baker Valley



Click graphs to view larger images

## VC Development – Baker Valley

- ✧ Eggs hatching and peak 1<sup>st</sup> instar predicted July 13<sup>th</sup>
- ✧ 3<sup>rd</sup> instars predicted by July 24<sup>th</sup> – Continue scouting fields and plan for applications if number of larvae exceed 0.5/sweep or 1.3/ft<sup>2</sup>

