

July 5, 2019

# Mint Pest Alert Newsletter

## - Central Oregon -

### Growing Degree Day (GDD) Model Update

We are expected to reach peak moth flight - and the optimal application timing for MRB - by the end of next week. The forecasts are still in line with last week, and if warmer weather sticks around we may stay on track.

**Optimal Coragen® application timing for MRB control is at peak moth catch** (predicted to be July 13 & 21 in the Madras and Powell Butte).

Coragen® or Orthene® can be used to control Variegated Cutworm, and optimal application is in 3<sup>rd</sup> instar. Continue scouting for cutworms: predicted to be entering 3<sup>rd</sup> instar by July 16<sup>th</sup> and 22<sup>nd</sup> in Central Oregon.

*Questions? Contact Clare Sullivan:*

*Clare.Sullivan@oregonstate.edu*

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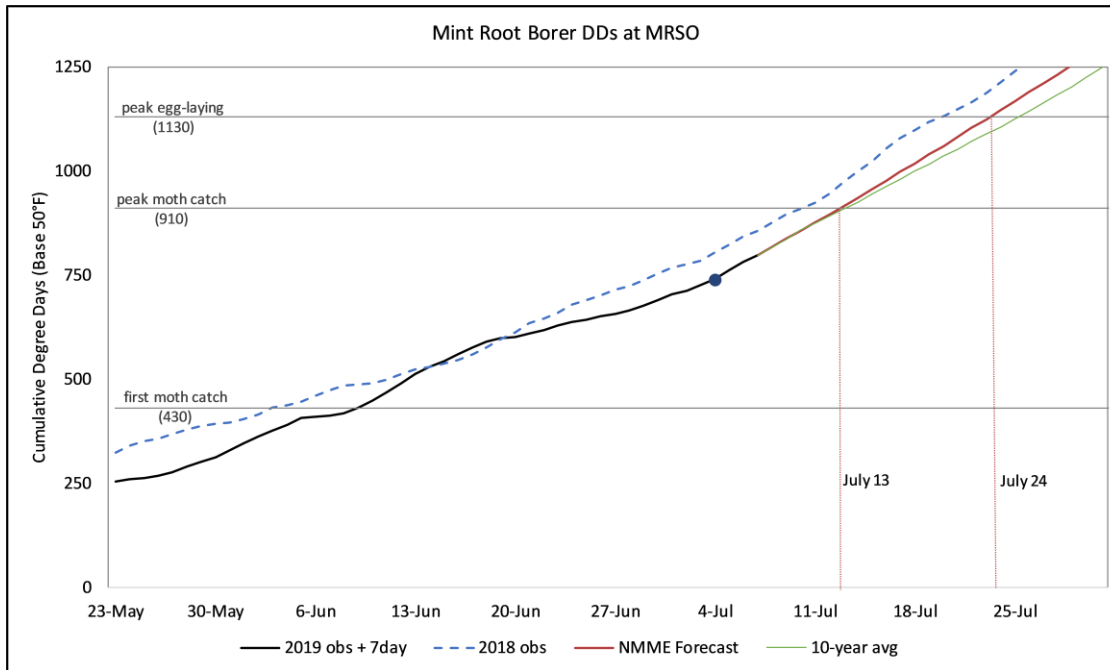
**Oregon State University**  
Extension Service



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## Mint Root Borer (MRB) Development – Culver & Madras

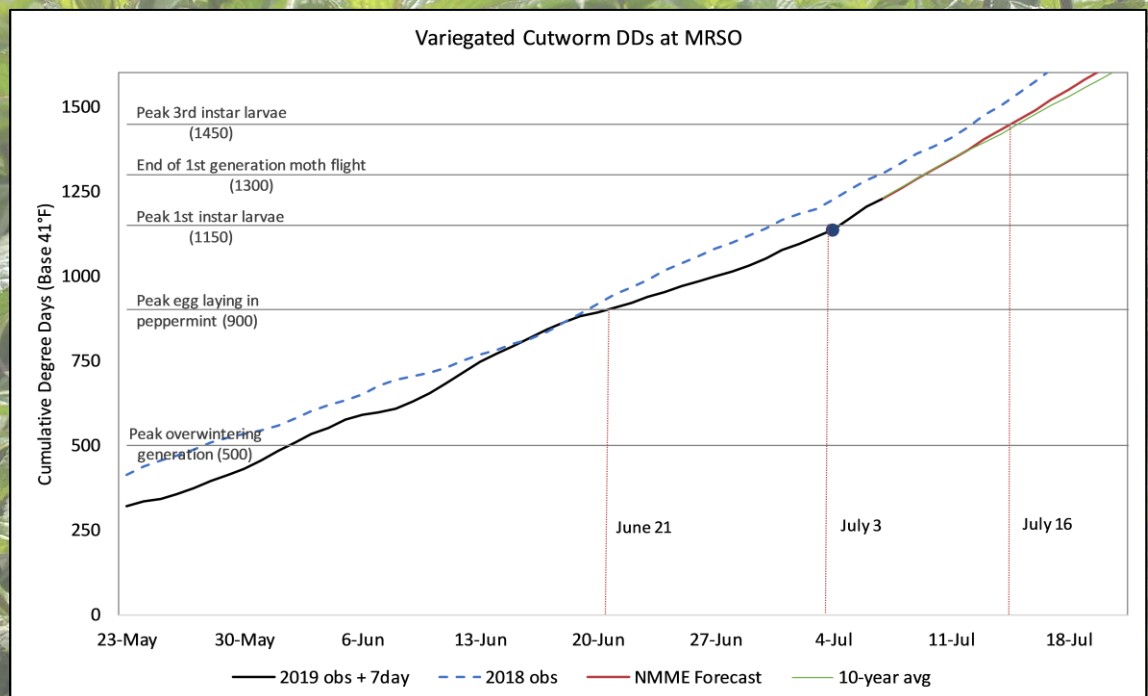
- ✧ 2019 GDD forecast (red line) slightly ahead of 10-yr average (green line)
- ✧ Peak moth catch predicted to be July 13<sup>th</sup> - Optimal application timing of Coragen for MRB if high populations are found in your field



Click graphs to view larger images

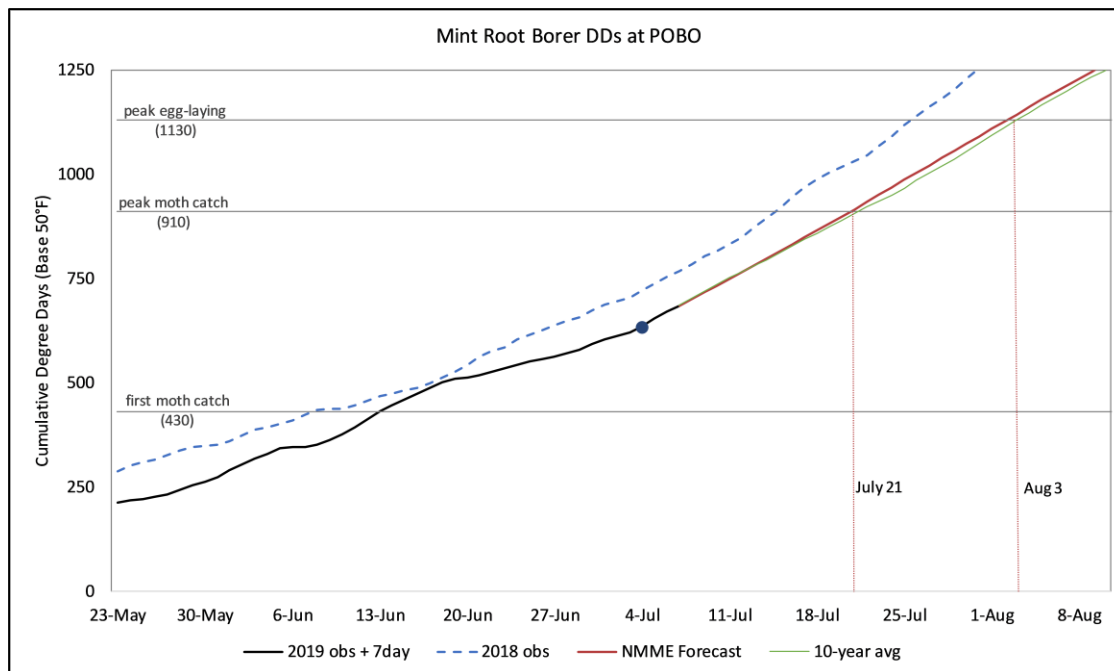
## Variegated Cutworm (VC) Development – Culver & Madras

- ✧ Peak 1<sup>st</sup> instar larvae was reached July 3<sup>rd</sup>
- ✧ VC best controlled during “peak 3<sup>rd</sup> instar” (predicted to be July 16<sup>th</sup>)



## MRB Development – Prineville & Powell Butte

- ✧ 2019 GDD forecast (red line) in line with 10-yr average (green line)
- ✧ Peak moth catch predicted to be July 21<sup>st</sup> - Optimal application timing of Coragen for MRB if high populations are found in your field



Click graphs to view larger images

## VC Development – Prineville & Powell Butte

- ✧ Peak 1<sup>st</sup> instar larvae predicted to be July 10<sup>th</sup>
- ✧ VC best controlled during “peak 3<sup>rd</sup> instar” (predicted to be July 22<sup>nd</sup>)

