

July 17, 2019

# Mint Pest Alert Newsletter

## - Central Oregon -

### Best Application Window Now

The **best application window for in-season control is now until July 28<sup>th</sup>** for both Mint Root Borer (MRB) and Variegated Cutworm (VC) in the Madras/Culver area. Prineville/Powell Butte is expected to reach peak moth flight next week, July 23<sup>rd</sup>.

If MRB moths are found in high numbers, take advantage of the optimal timing for control. Good control can be achieved with Coragen® from peak moth catch through peak egg laying (predicted July 28<sup>th</sup> for Madras/Culver and August 5<sup>th</sup> for Prineville/Powell Butte).

Coragen should be applied at 5.0 fl oz/acre (0.065 lb a.i. per acre) as a foliar spray or via overhead sprinkler chemigation. Foliar sprays must be followed by sprinkler irrigation before swathing. For applications after the last cutting, apply Coragen soon after the last cutting of mint but before the hibernaculum formation exceeds 5%. If applied as a broadcast spray, follow application with at least 2 inches water per acre of overhead irrigation.

*Questions? Contact Clare Sullivan:*

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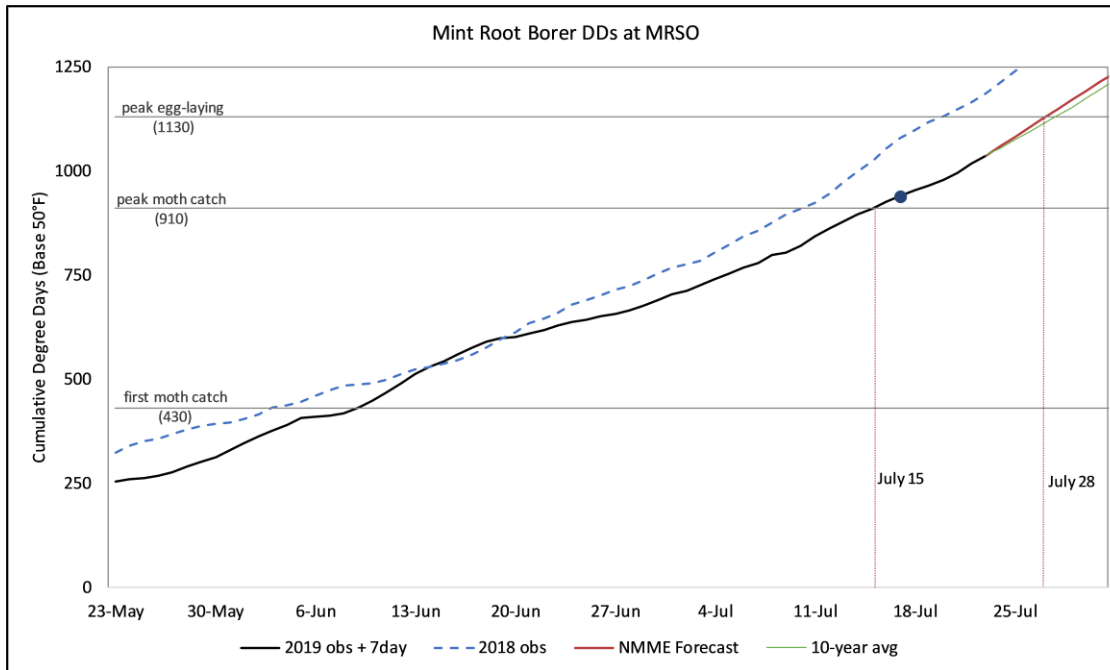
**Oregon State University**  
Extension Service

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

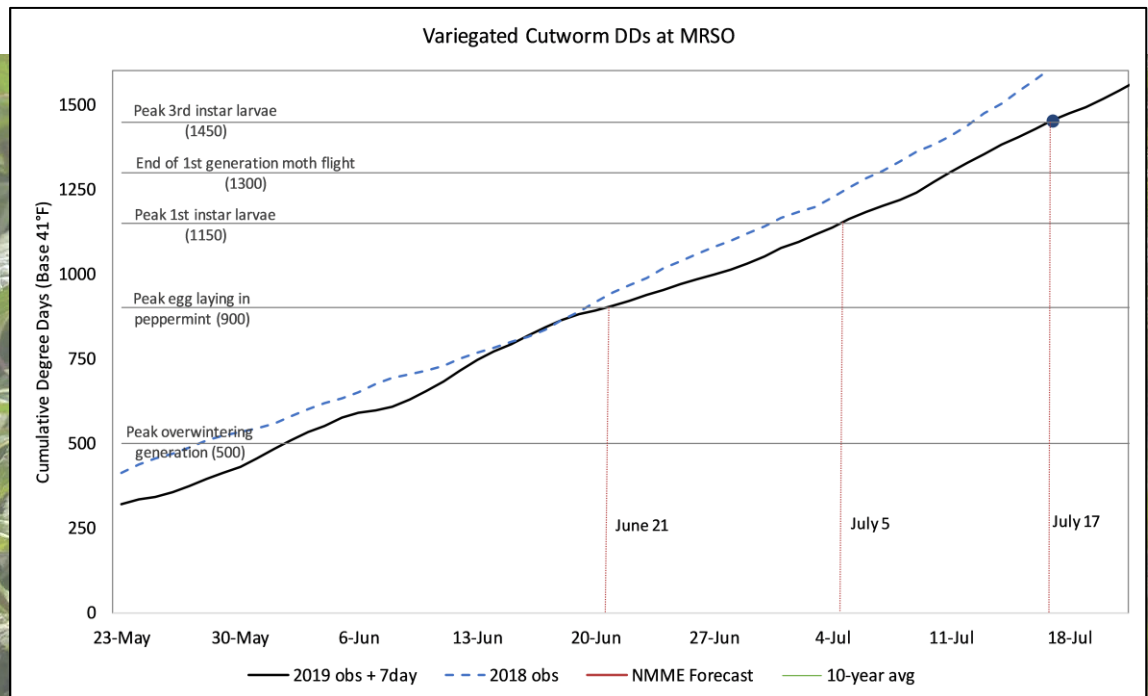
- ✧ 2019 degree day forecast (red line) slightly ahead of 10-yr average (green line) and expected to fall further behind 2018 (dashed blue)
- ✧ Peak moth catch was reached on July 15<sup>th</sup> – good control through July 24<sup>th</sup>



Click graphs to view larger images

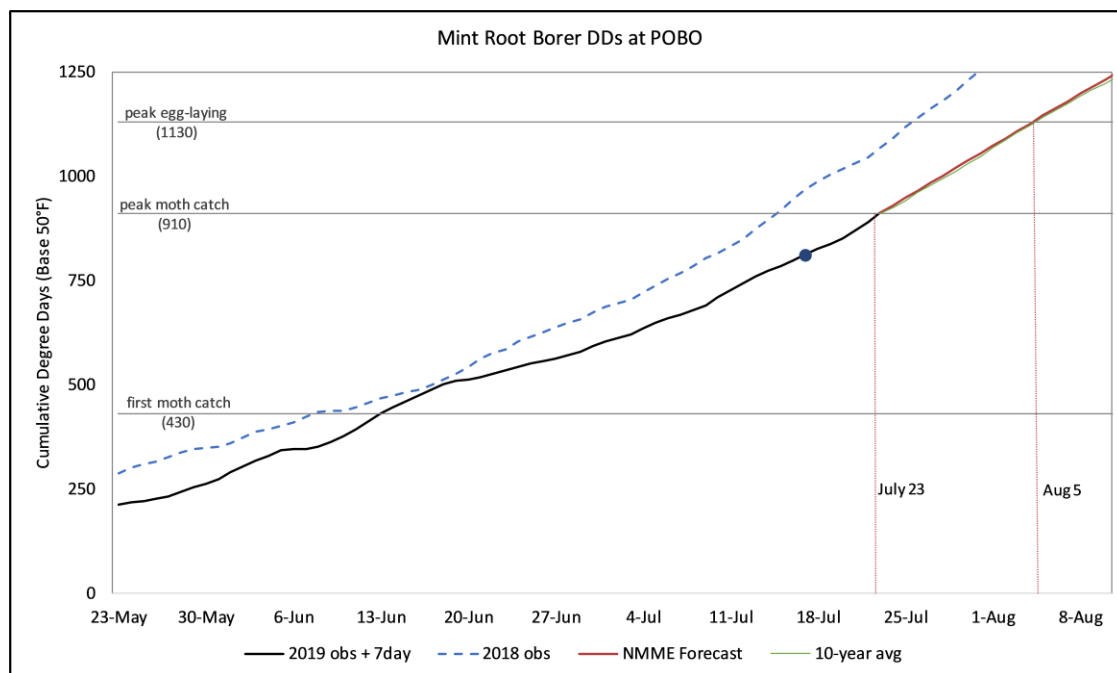
## Variegated Cutworm (VC) Development – Culver & Madras

- ✧ Today marks peak 3<sup>rd</sup> instar populations - this is the optimal time for controlling VC before they drop to the ground and become more difficult to control



## MRB Development – Prineville & Powell Butte

- ✧ 2019 degree day forecast (red line) in line with 10-yr average (green line) and well behind last year's degree day accumulation
- ✧ Still on track to reach peak moth catch on July 23<sup>rd</sup>



Click graphs to view larger images

## VC Development – Prineville & Powell Butte

- ✧ Moth flight ending soon, and expect to find mostly 2<sup>nd</sup> and 3<sup>rd</sup> instar larvae
- ✧ Peak 3<sup>rd</sup> instar larvae close to peak MRB moth catch (July 24<sup>th</sup>)

