

July 11, 2019

Mint Pest Alert Newsletter

- Central Oregon -

Growing Degree Day (GDD) Model Update

Cooler-than-average weather continues to push model predictions back (and give you more time to scout and plan for applications). We are now expected to see peak moth flight - and the optimal application timing for MRB - by the July 16th in Culver/Madras and July 23rd in Prineville/Powell Butte.

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 24th and August 4th).

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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[Visit the Mint Pest Alert Website](#)



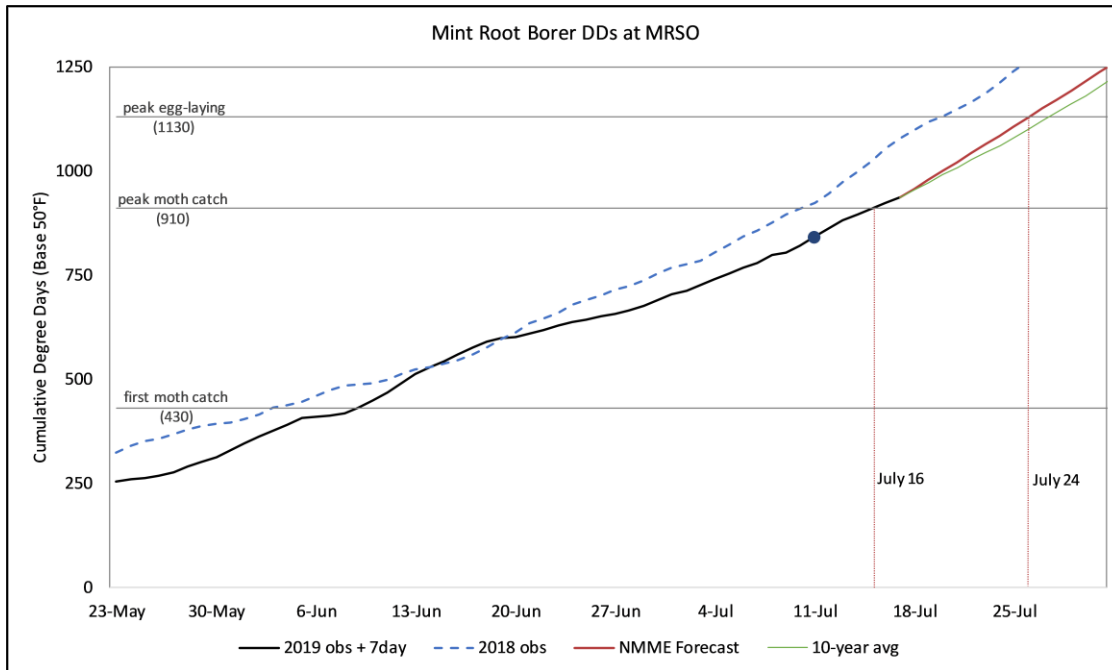
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Mint Root Borer (MRB) Development – Culver & Madras

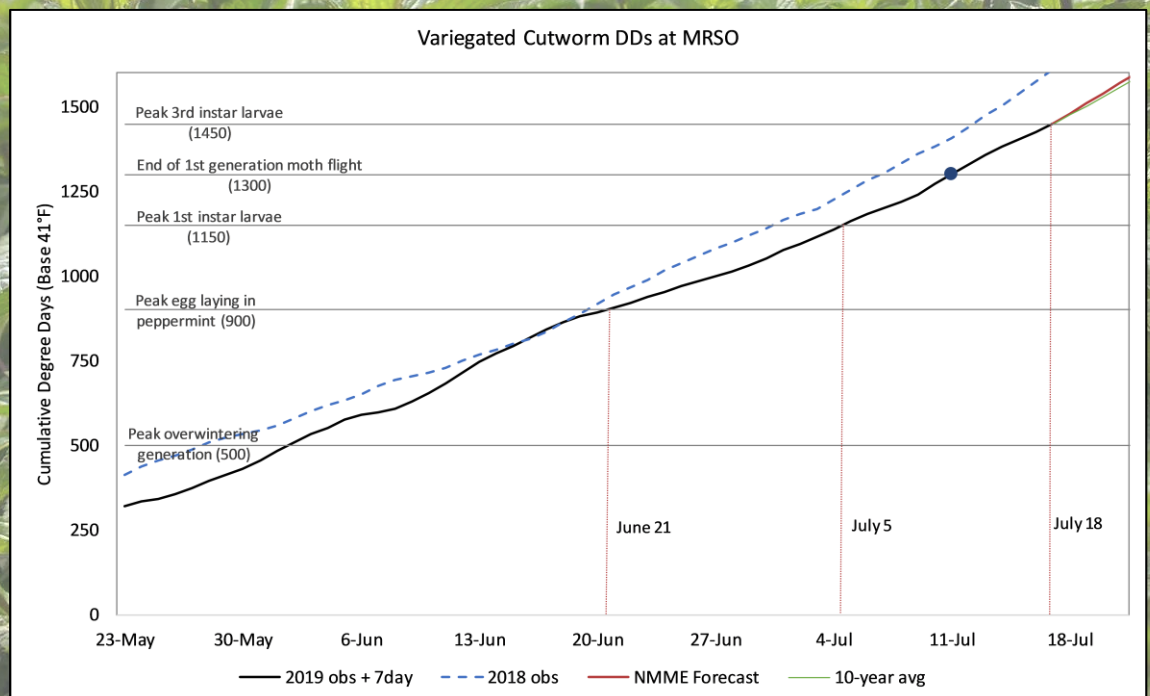
- ✧ 2019 degree day forecast (red line) slightly ahead of 10-yr average (green line) and getting further behind 2018 (dashed blue)
- ✧ Peak moth catch again pushed back, now predicted to be July 16th



Click graphs to view larger images

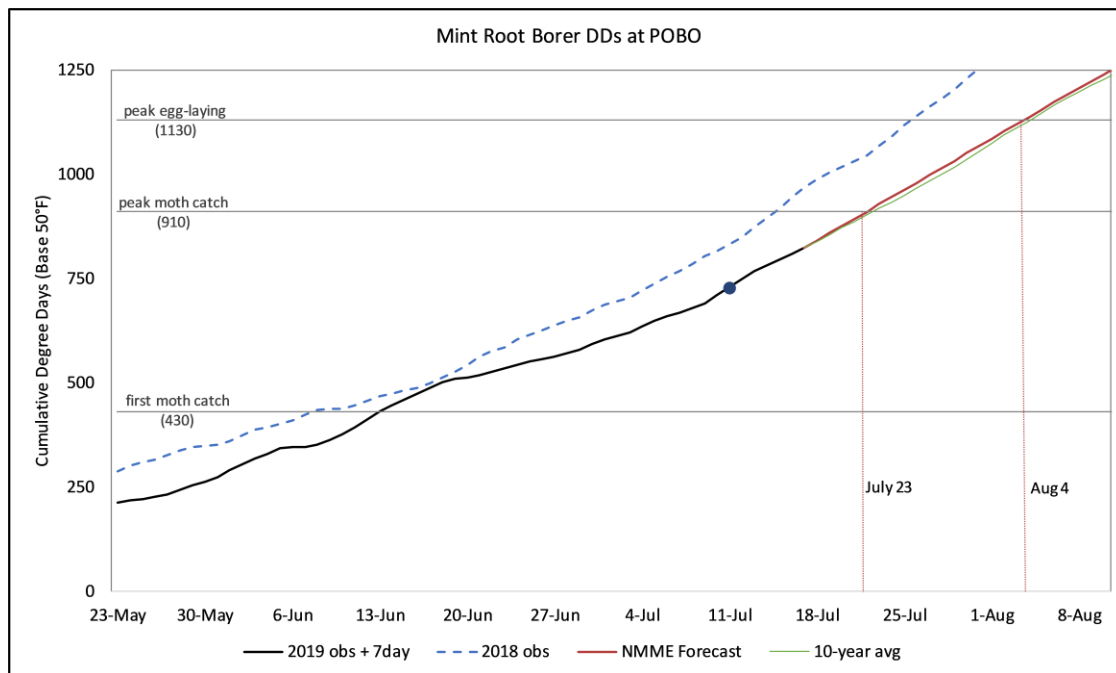
Variegated Cutworm (VC) Development – Culver & Madras

- ✧ First generation moth flight is at its peak now, expect peak 3rd instar populations by July 18th - this is the optimal time for controlling VC



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
- ✧ Cooler-than-average weather has pushed peak moth catch back to July 23rd



Click graphs to view larger images

VC Development – Prineville & Powell Butte

- ✧ Peak 1st instar larvae predicted to be today (July 11th)
- ✧ Peak 3rd instar larvae in sync with peak MRB moth catch (July 23rd)

