July 24, 2019

Mint Pest Alert Newsletter

- Central Oregon -

Optimal Control Window Now Open for Prineville/Powell Butte

Based on OSU research, optimal control of MRB eggs and early instar larvae can be achieved by applying Coragen from peak moth catch through peak egg laying. We are currently in this window at both Agrimet sites (Madras and 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 28th for Madras/Culver and August 5th 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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*Visit the Mint Pest Alert Website*

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

✧ Peak moth catch was reached on July 15th – plan to make management decisions before MRB larvae migrate to into mint stems. Can achieve good control through July 28th

Mint Root Borer DDs at MRSO
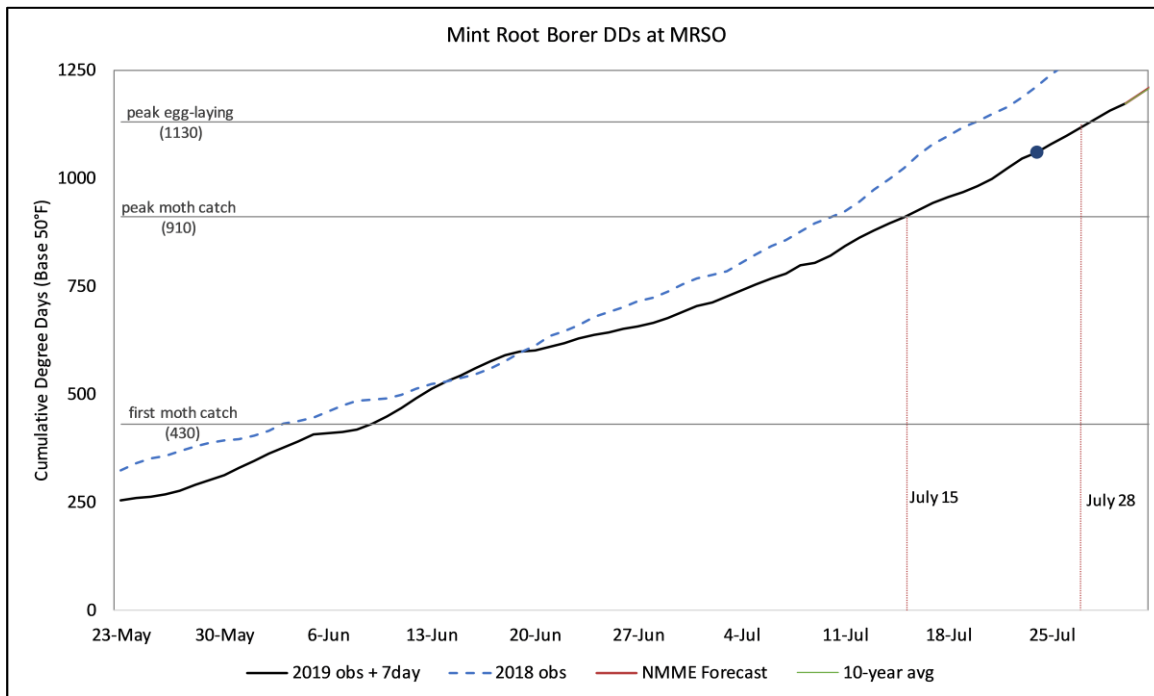
Click graphs to view larger images

Variegated Cutworm (VC) Development – Culver & Madras

✧ Larvae should primarily be in the 3rd or 4th stadia - optimal time for controlling VC before they drop to the ground

Variegated Cutworm DDs at MRSO
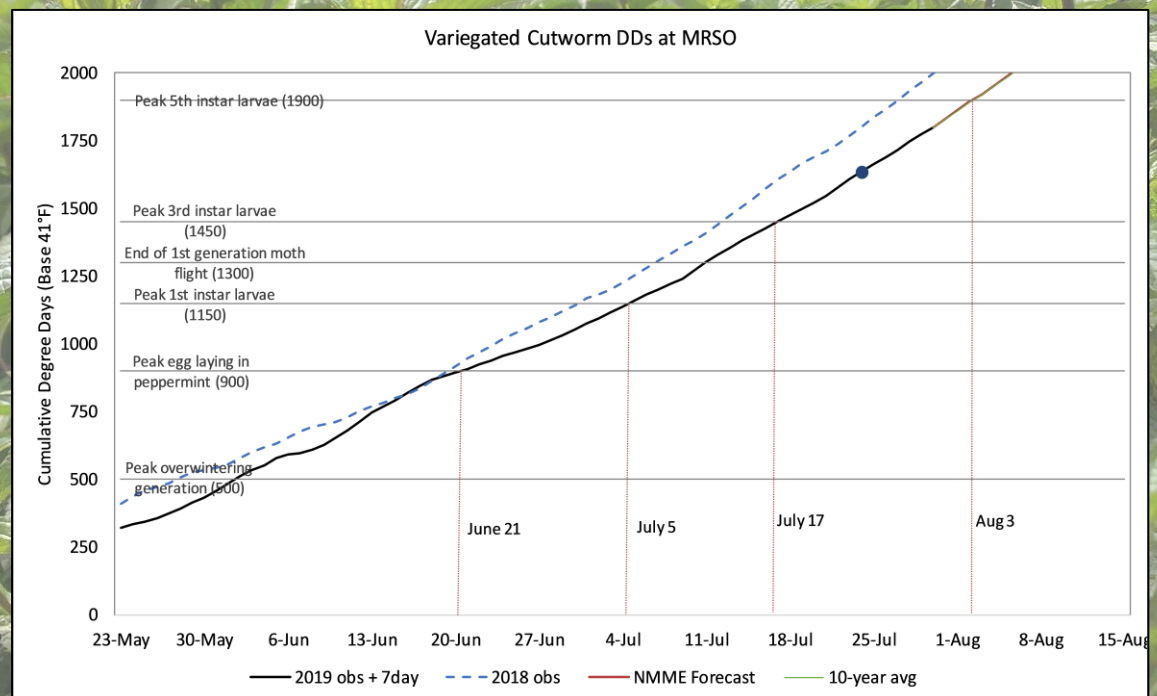
MRB Development – Prineville & Powell Butte

✧ Peak moth catch predicted to be reached today – optimal time for controlling populations of MRB before they cause damage.
✧ Scout fields and determine if control is needed before August 5th

Mint Root Borer DDs at POBO
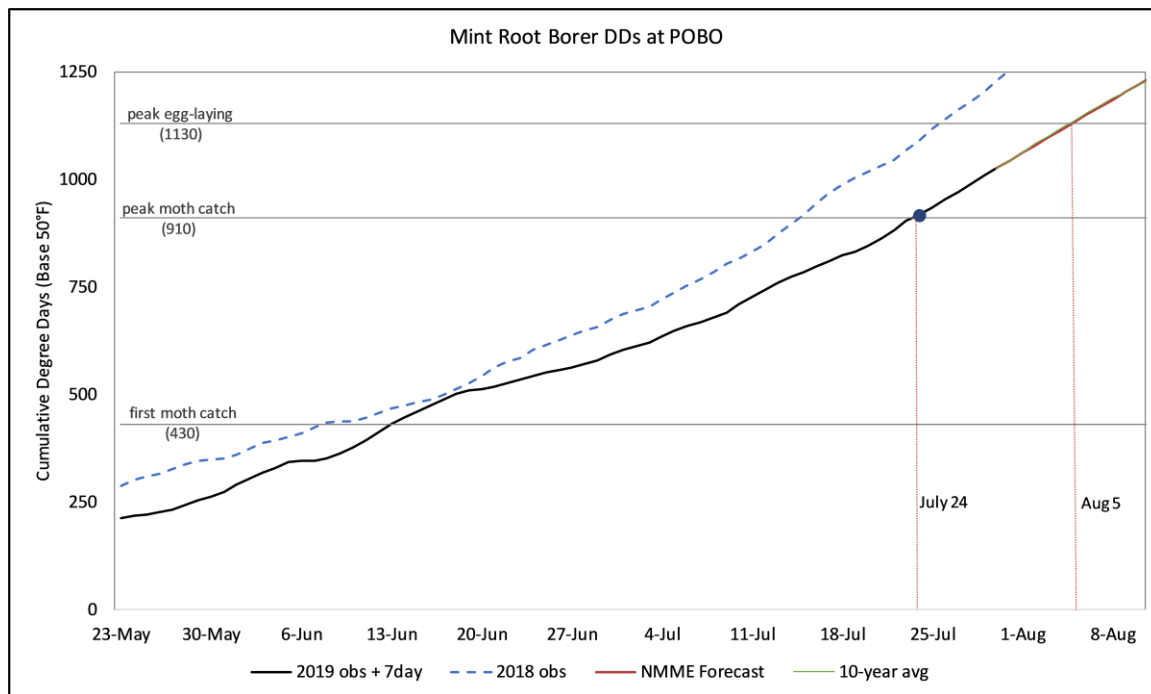
Click graphs to view larger images

VC Development – Prineville & Powell Butte

✧ Moths should be gone by now, and expect to find mostly 3rd instar larvae
✧ Optimal timing for VC control in line with that of MRB

Variegated Cutworm DDs at POBO