

July 10, 2021

Mint Pest Alert Newsletter

- Central Oregon -

Best Application Window Now

The best application window for in-season control of both Mint Root Borer (MRB) and Variegated Cutworm (VC) is now until Peak MRB egg-laying. Peak egg-laying is expected on July 10 in the Culver/Madras area and July 15 in the Prineville/Powell Butte Area. 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.

Coragen or Vantacor should be applied as a foliar spray or via overhead sprinkler chemigation. Foliar sprays must be followed by sprinkler irrigation before swathing.

Alternatively you can make an application after the last cutting. Apply 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.



Oregon State University
Extension Service

Questions? Contact

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Product Comparison

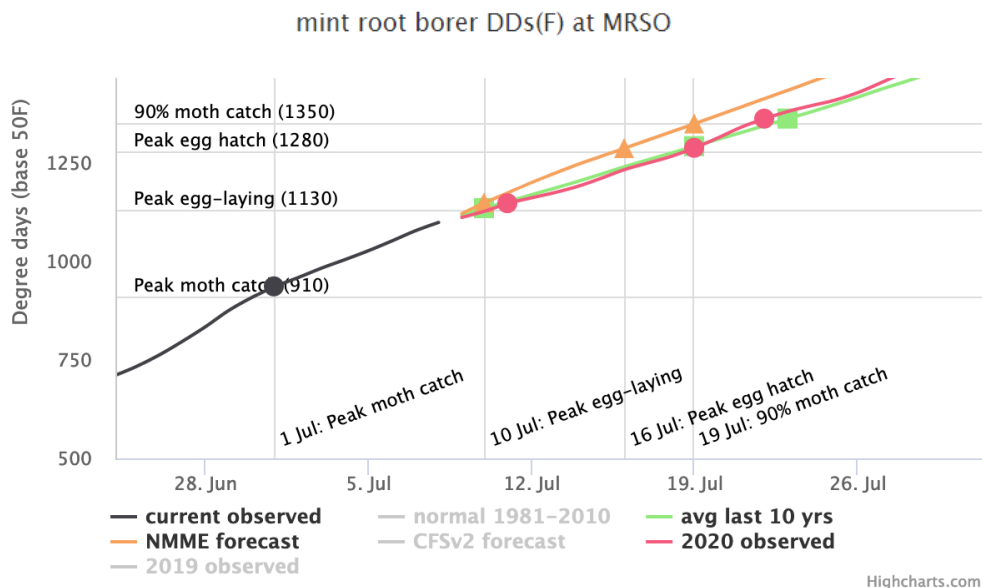
	Coragen	Vantacor
Re-entry interval	4 hours	
Pre-harvest interval	3 days	
Active ingredient	Chlorantraniliprole (aka RynaXypyr), a Group 28 Insecticide	
Concentration	1.67 lb ai per gal	5 lb ai per gal
Rate (lb ai /ac)	0.045 – 0.098 lb ai /ac	0.047 – 0.098 lb ai /ac
Rate (fl oz/ac)	3.5-7.5 fl oz/ac	1.2-2.5 fl oz/ac
Recommended rate for MRB control between 900 and 1250 GDD	5.0 fl oz/ac	1.7 fl oz/ac

Correction: The table in last week's newsletter had the column names switched. Please use this corrected version and always read the label on the container you are using.

Culver and Madras

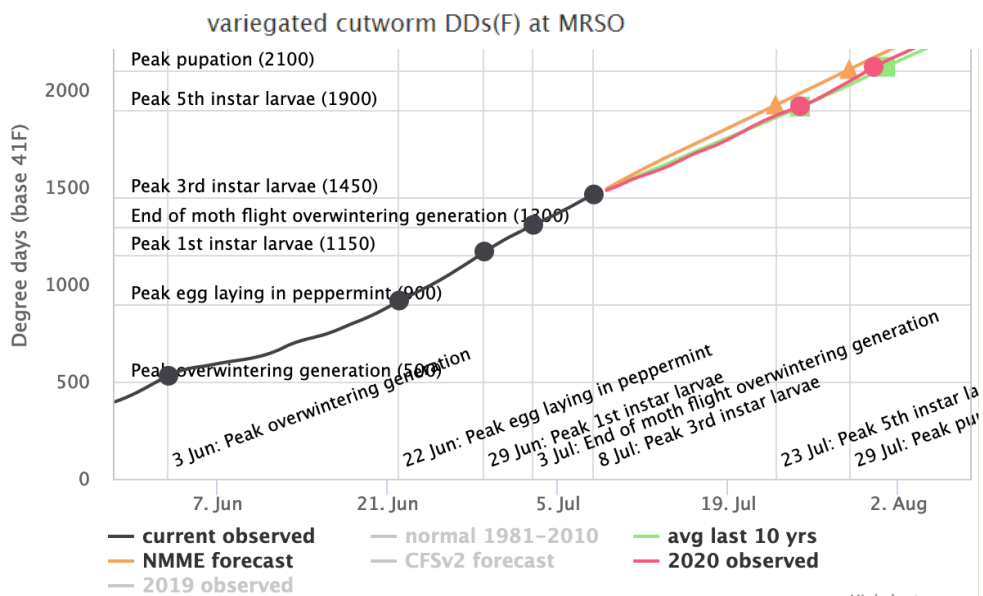
Mint Root Borer (MRB) Insect Development

- ✧ Accumulated GDD is approximately 17 days ahead of 2020.
- ✧ MRB were caught in all fields with an average of 2 MRB per trap.
- ✧ Peak egg-laying is expected on July 10th.



Variegated Cutworm (VC) Insect Development

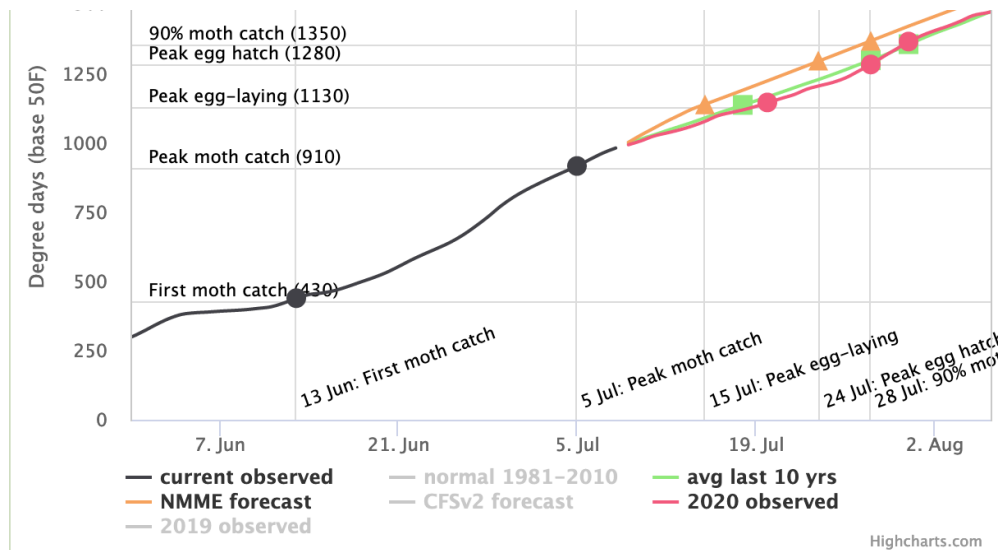
- ✧ Flight of overwintering generation ends today.
- ✧ Peak 3rd instar larvae expected July 8.
- ✧ No VC were caught this week.
- ✧ three loopers were found in sweep net samples.



Prineville & Powell Butte

Mint Root Borer (MRB) Insect Development

mint root borer DDs(F) at POBO

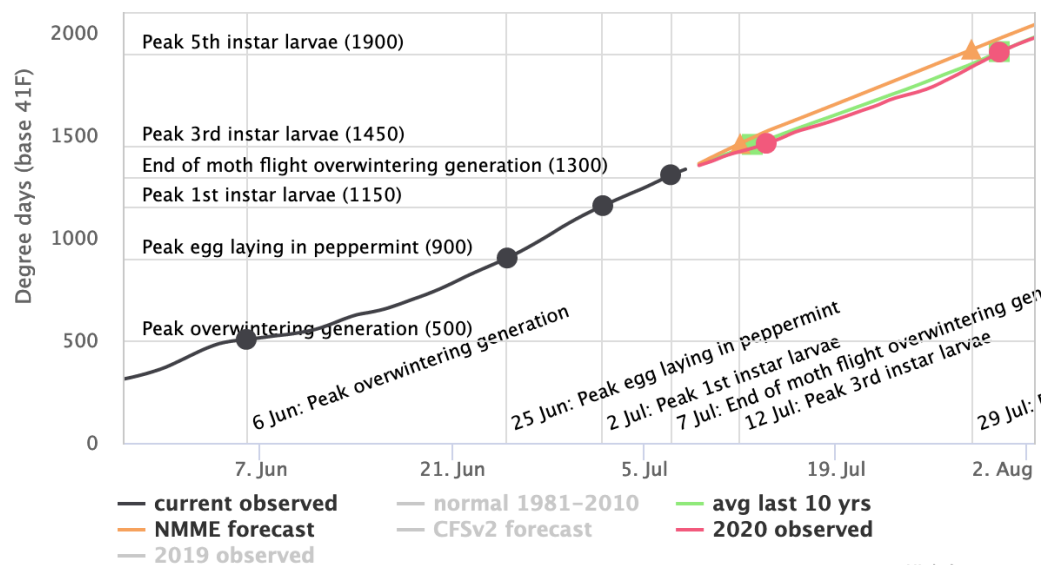


Highcharts.com



Variegated Cutworm (VC) Insect Development

variegated cutworm DDs(F) at POBO



Highcharts.com

- ✧ Peak 3rd instar larvae expected July 12.
- ✧ Peak 5th instar larvae expected July 29.