

July 3, 2021

Mint Pest Alert Newsletter

- Central Oregon -

As of July 3rd, GDD accumulation this year is 16-17 days ahead of 2020, and 15-21 days ahead of the 30 year average for Madras and Powell Butte. In the Madras area we are currently in the optimum application window for Coragen/Vantacor for the control of mint root borer, variegated cutworm and loopers. Near Prineville and Powell Butte the application window is expected to start July 5th. Adequate control is expected to continue through peak egg-laying, which is predicted to occur on July 11 near Madras and July 16 near Powell Butte.

Apply Vantacor or Coragen as a foliar spray or via overhead sprinkler chemigation. Time the application between 900 and 1250 growing degree days. Foliar sprays must be followed by sprinkler irrigation before swathing.

Coragen and Vanatcor have different concentrations and different allowed application rates. See the table on the next page for a comparison, and be sure to read the label of the product you are using before making an application.



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Questions? Contact

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Product Comparison

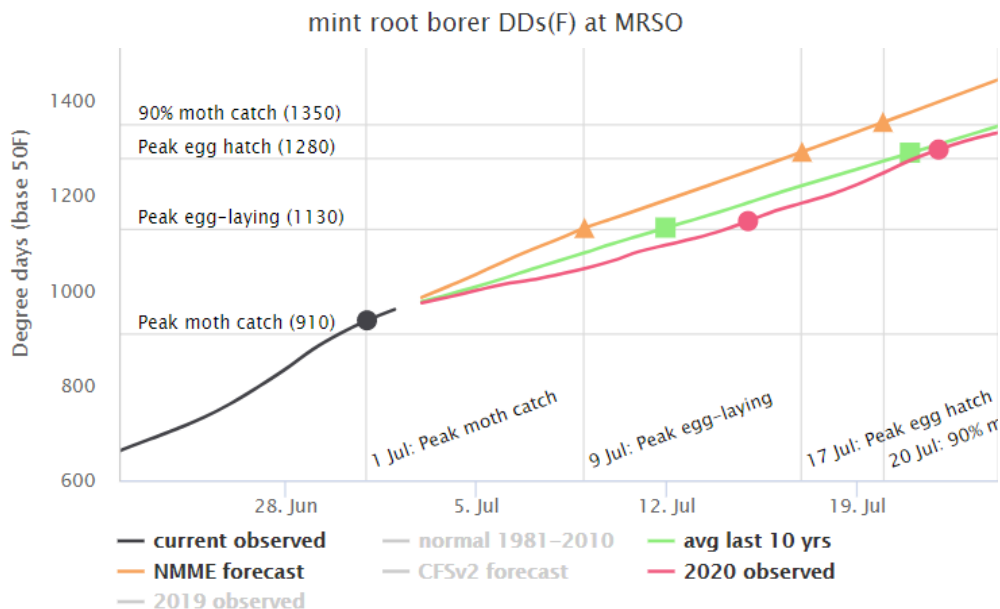
	Vantacor	Coragen
Re-entry interval	4 hours	
Pre-harvest interval	3 days	
Active ingredient	Chlorantraniliprole (aka RynaXypyr), a Group 28 Insecticide	
Concentration	1.67 lb ai per gal	5 lb ai per gal
Rate (lb ai /ac)	0.045 – 0.098 lb ai /ac	0.047 – 0.098 lb ai /ac
Rate (fl oz/ac)	3.5-7.5 fl oz/ac	1.2-2.5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



Culver and Madras

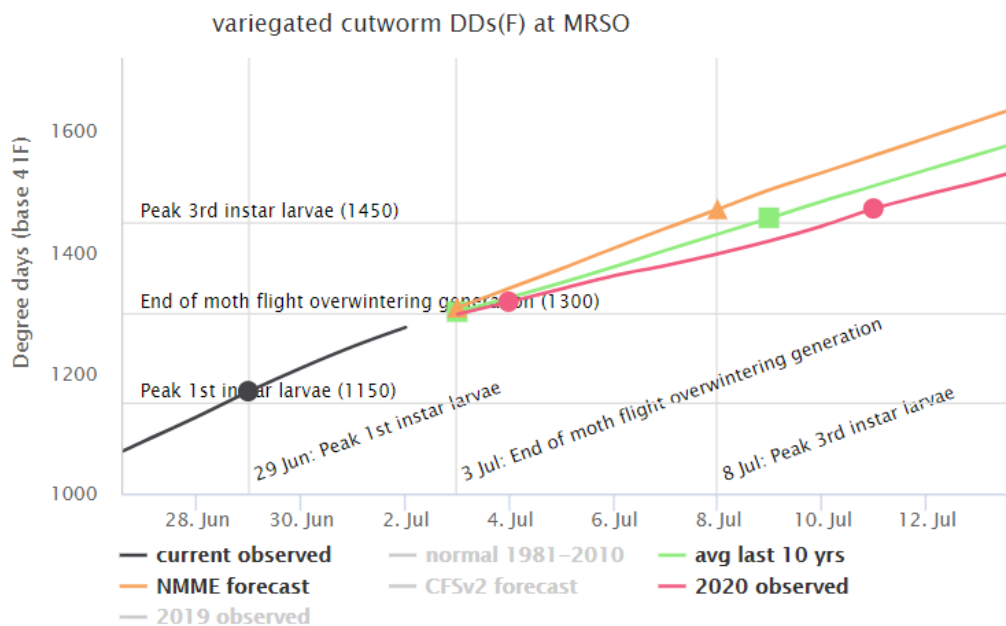
Mint Root Borer (MRB) Insect Development

- ✧ Accumulated GDD is approximately 16 days ahead of 2020.
- ✧ MRB were caught in all fields with an average of 6 MRB per trap.
- ✧ Peak egg-laying is expected on July 9th.



Variegated Cutworm (VC) Insect Development

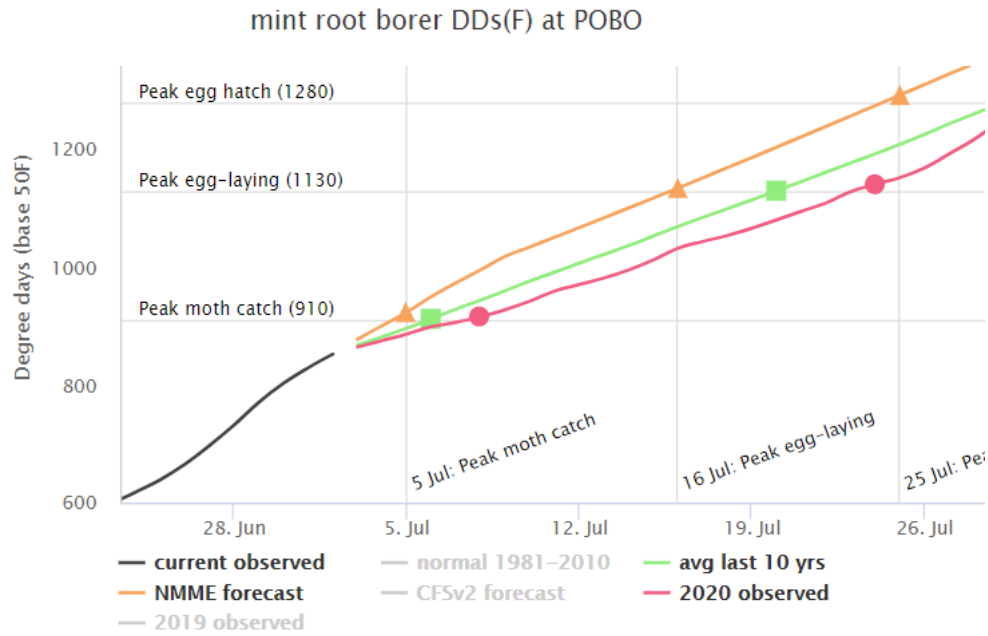
- ✧ Flight of overwintering generation ends today.
- ✧ Peak 3rd instar larvae expected July 8.
- ✧ No VC were caught this week.
- ✧ A total of 6 loopers were found in sweep net samples.



Prineville & Powell Butte

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 6 MRB per trap.
- ✧ Peak moth catch is expected on July 5.



Variegated Cutworm (VC) Insect Development

- ✧ Flight of overwintering generation ends July 7.
- ✧ No VC were caught this week.
- ✧ A total of 6 loopers were found in sweep net samples.

