

July 3, 2021

Mint Pest Alert Newsletter

- Eastern Oregon -

As of July 3rd, GDD accumulation this year is 16-18 days ahead of 2020, in Eastern Oregon. The optimum application window for Coragen/ Vantacor for the control of mint root borer, variegated cutworm and loopers is expected to start July 4 in the Grande Ronde Valley, and July 7 in the Baker Valley. Adequate control is expected to continue through peak egg-laying, which is predicted to occur on July 14 and 18, respectively.

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

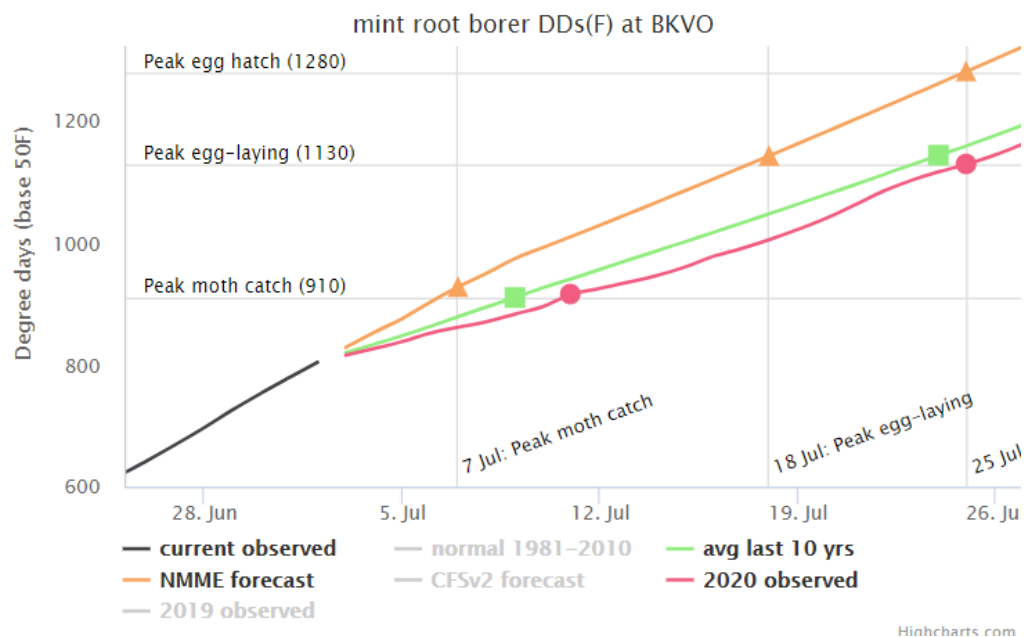
	Vantacor	Coragen
Re-entry interval	4 hours	
Pre-harvest interval	3 days	
Active ingredient	Chlorantraniliprole (aka RynaXypyr), a Group 28 Insecticide	
Concentration	1.67 lb ai per gal	5 lb ai per gal
Rate (lb ai /ac)	0.045 – 0.098 lb ai /ac	0.047 – 0.098 lb ai /ac
Rate (fl oz/ac)	3.5-7.5 fl oz/ac	1.2-2.5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



Baker Valley

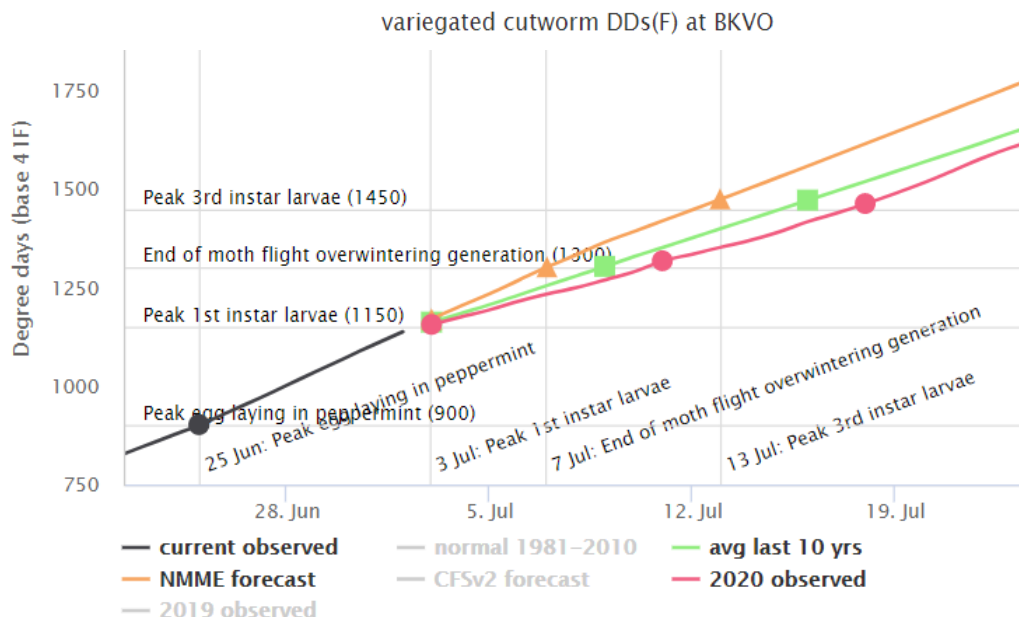
Mint Root Borer (MRB) Insect Development

- ✧ Trap data is not yet available.
- ✧ Peak MRB moth catch expected July 7
- ✧ GDD accumulation is 18 days ahead of 2020.



Variegated Cutworm (VC) Insect Development

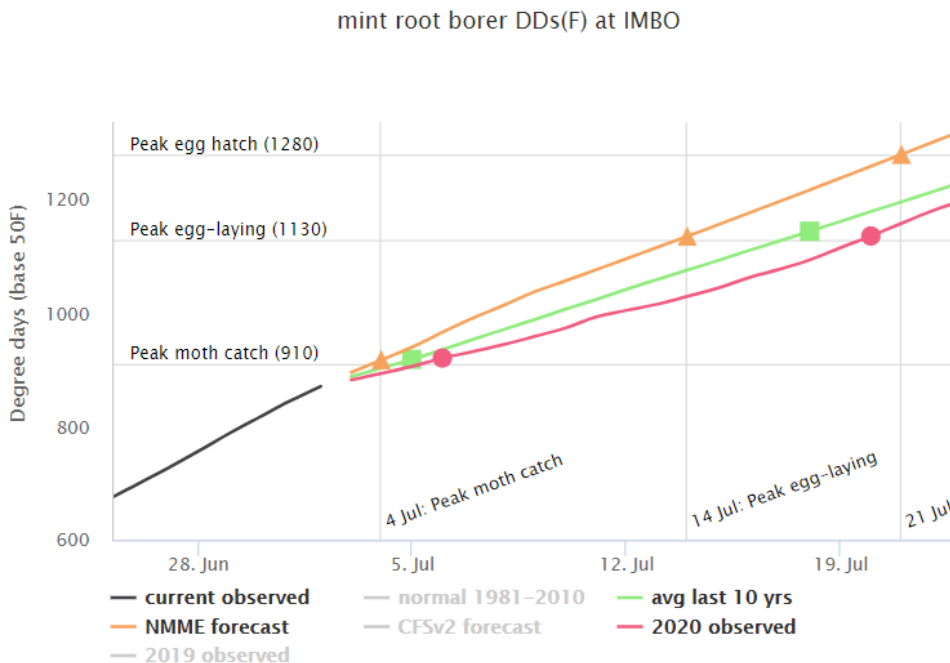
- ✧ Peak 1st instar VC larvae July 3.
- ✧ End of moth flight overwintering generation expected July 7.



Grande Ronde Valley

Mint Root Borer (MRB) Insect Development

- ✧ Peak MRB moth catch expected July 4.
- ✧ GDD accumulation is 16 days ahead of 2020.
- ✧ Correction: no traps are monitored in Union County to avoid potential disease vectoring.



Variegated Cutworm (VC) Insect Development

- ✧ Overwintering generation VC flight ending July 6.
- ✧ Peak 3rd instar larvae expected July 11.

