

July 10, 2021

Mint Pest Alert Newsletter

- Eastern 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 14 in the Grande Ronde Valley and July 18 in the Baker Valley. 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

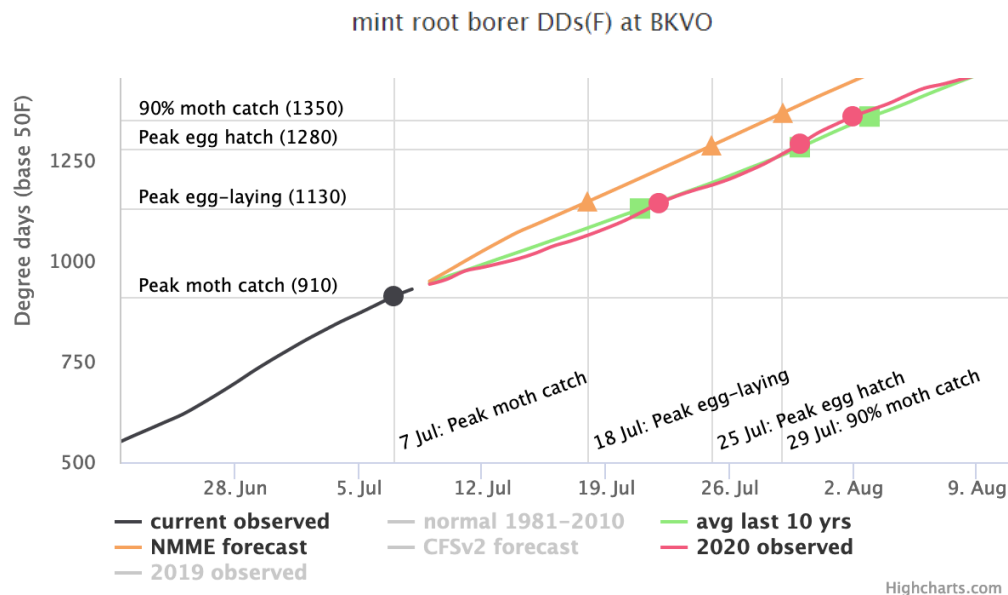
	Coragen	Vantacor
Re-entry interval	4 hours	
Pre-harvest interval	3 days	
Active ingredient	Chlorantraniliprole (aka RynaXypyr), a Group 28 Insecticide	
Concentration	1.67 lb ai per gal	5 lb ai per gal
Rate (lb ai /ac)	0.045 – 0.098 lb ai /ac	0.047 – 0.098 lb ai /ac
Rate (fl oz/ac)	3.5-7.5 fl oz/ac	1.2-2.5 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.

Baker Valley

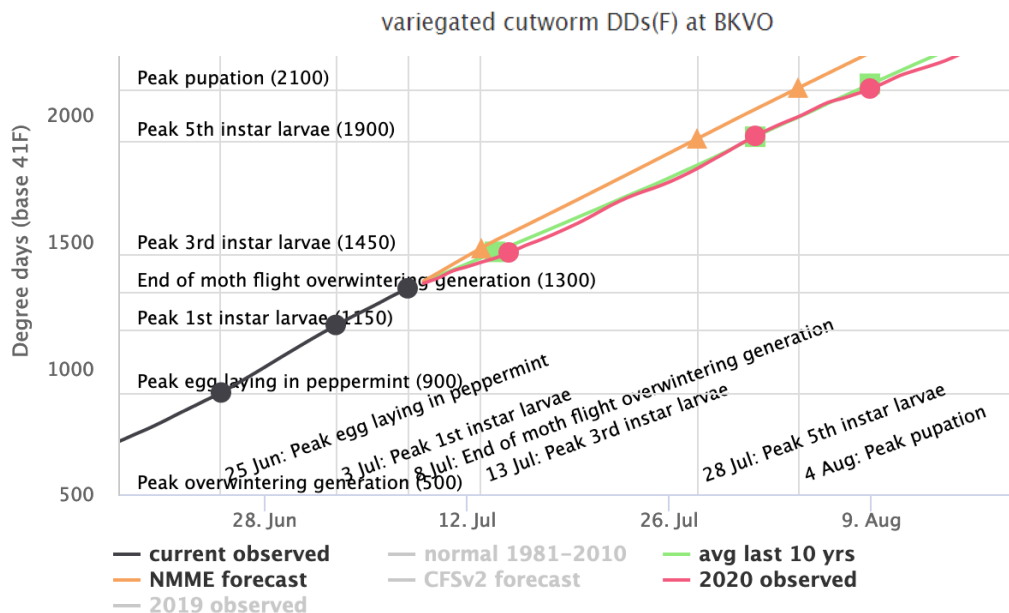
Mint Root Borer (MRB) Insect Development

- ✧ 19 MRB (total) were caught across 8 traps checked on July 1.
- ✧ Peak egg-laying expected July 18.
- ✧ GDD accumulation is 18 days ahead of 2020.



Variegated Cutworm (VC) Insect Development

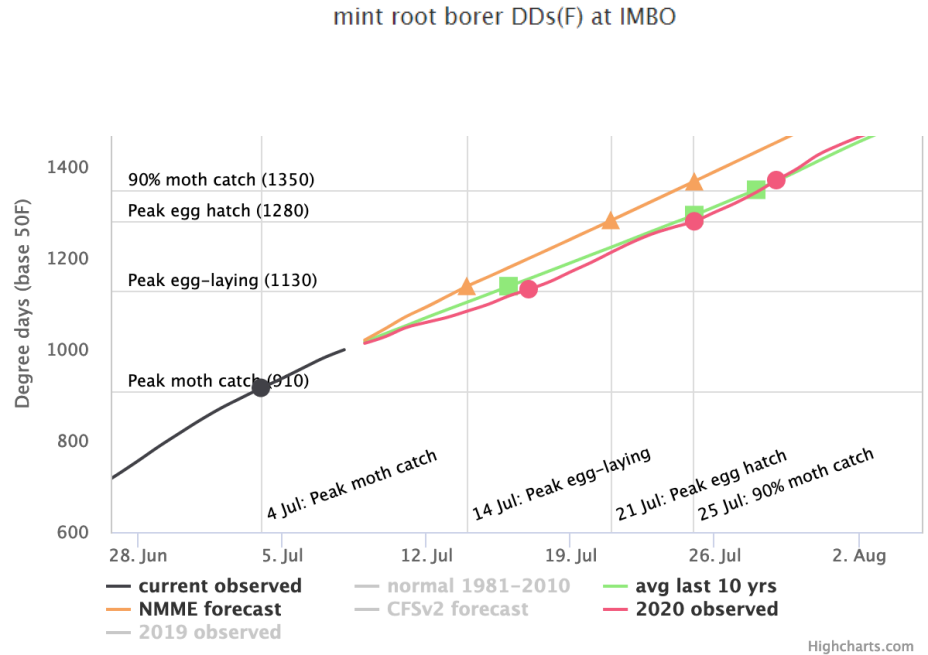
- ✧ End of moth flight overwintering generation expected July 8.
- ✧ Peak 3rd instar larvae expected July 13.



Grande Ronde Valley

Mint Root Borer (MRB) Insect Development

- ✧ Peak egg-laying expected July 14.
- ✧ GDD accumulation is 17 days ahead of 2020.



Variegated Cutworm (VC) Insect Development

- ✧ Peak 3rd instar larvae expected July 11.
- ✧ Peak 5th instar larvae expected July 26.

