

July 28, 2022

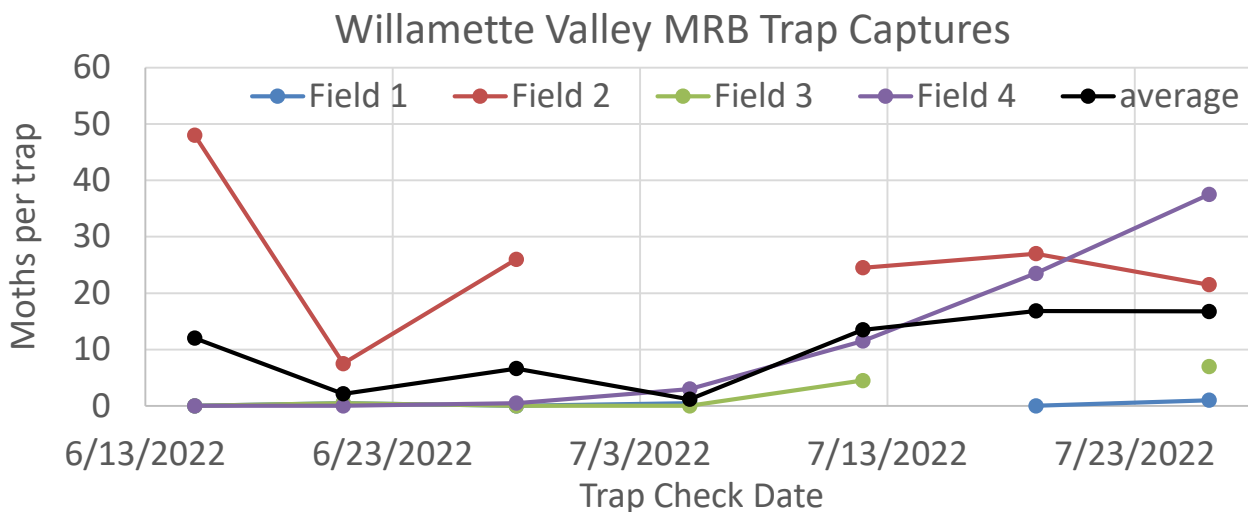
# Mint Pest Alert Newsletter

## - Willamette Valley -

The optimum window to apply Coragen/Vantacor is coming to an end. OSU studies showed that are most effective between peak MRB moth catch and peak egg laying. Peak MRB egg laying is expected to occur on July 29. Coragen/Vantacor has a long residual and it is most effective at controlling pests at the egg or newly hatched larval stages.

On average there were 17 moths per trap across 4 fields, but there is a good deal of variability between fields. The average counts are similar to last week and generally match the GDD model prediction of peak catch. Looper and cutworm counts continue to be low with only one looper caught in sweep net samples.

The warm weather this week has brought the GDD total to one day ahead of the 30 year average. Peak hatch for MRB is expected on August 5. Based on the model, numbers of fifth instar variegated cutworm larvae are expected to peak on August 1.



Oregon State University  
Extension Service

Questions? Contact  
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# Product Comparison

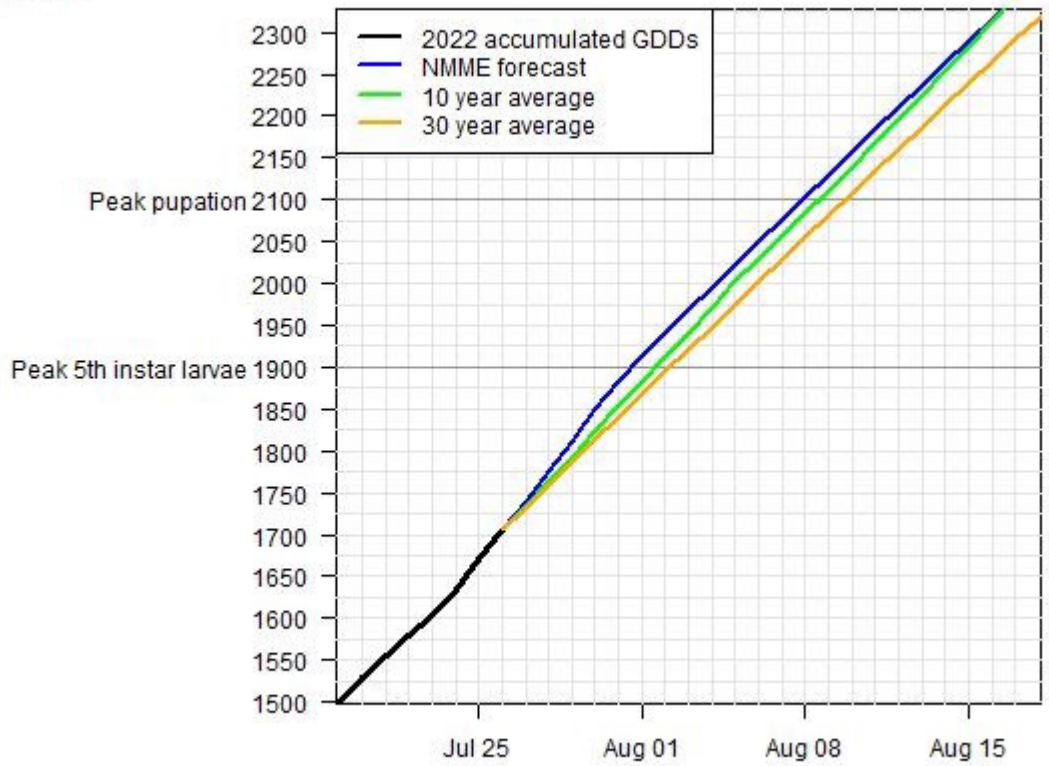
	Coragen	Vantacor
Re-entry interval	4 hours	
Pre-harvest interval	3 days	
Active ingredient	Chlorantraniliprole (aka RynaXypyr), a Group 28 Insecticide	
Concentration	1.67 lb ai per gal	5 lb ai per gal
Rate (lb ai /ac)	0.045 – 0.098 lb ai /ac	0.047 – 0.098 lb ai /ac
Rate (fl oz/ac)	3.5-7.5 fl oz/ac	1.2-2.5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

OSU studies have shown that when Coragen/Vantacor is applied between peak MRB moth catch and peak egg laying, one application can provide good control of MRB, cutworms and loopers. This year the application window is expected to end July 29.

Always read and follow the label for any pesticide applications.

Accumulated GDDs  
base 41 °F

### Variegated Cutworm Development at Corvallis Weather Station



Accumulated GDDs  
base 50 °F

### Mint Root Borer Development at Corvallis Weather Station

