

August 03, 2022

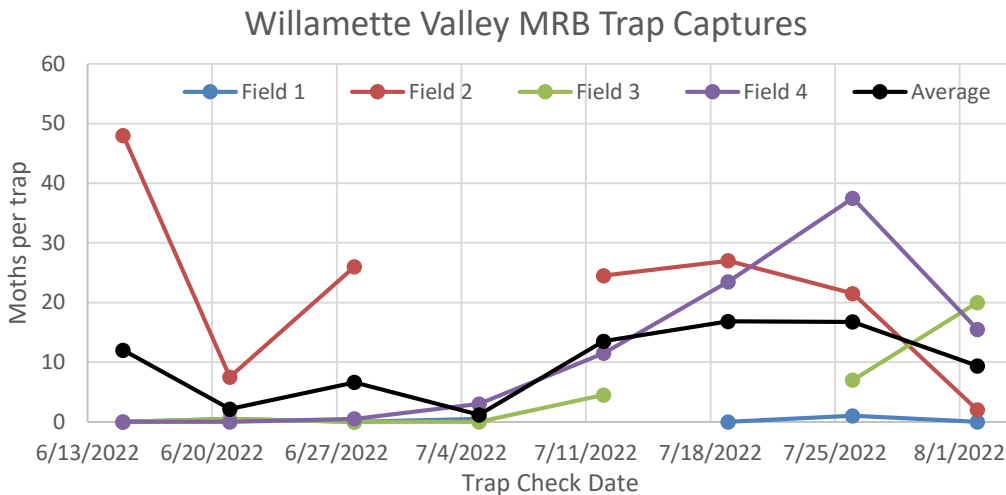
# Mint Pest Alert Newsletter

## - Willamette Valley -

Average MRB trap counts dropped noticeably this week down to 10 moths per trap compared to 17 moths per trap last week. Average trap captures are matching model predictions well. However, the individual fields are quite variable, with trap captures increasing in one field this week.

The optimum window to apply Coragen/Vantacor ended at peak egg laying on July 29. The earlier hatching MRB larvae probably will not be controlled by a Coragen/Vantacor application at this time, but later hatching larvae will be affected. Peak MRB hatch is expected on August 5.

No loopers or cutworms were caught in sweep nets this week. Based on the model, fifth instar variegated cutworm larvae numbers peaked on August 1, and peak pupation is expected on August 8. GDD totals are just one day ahead of the 30 year average.



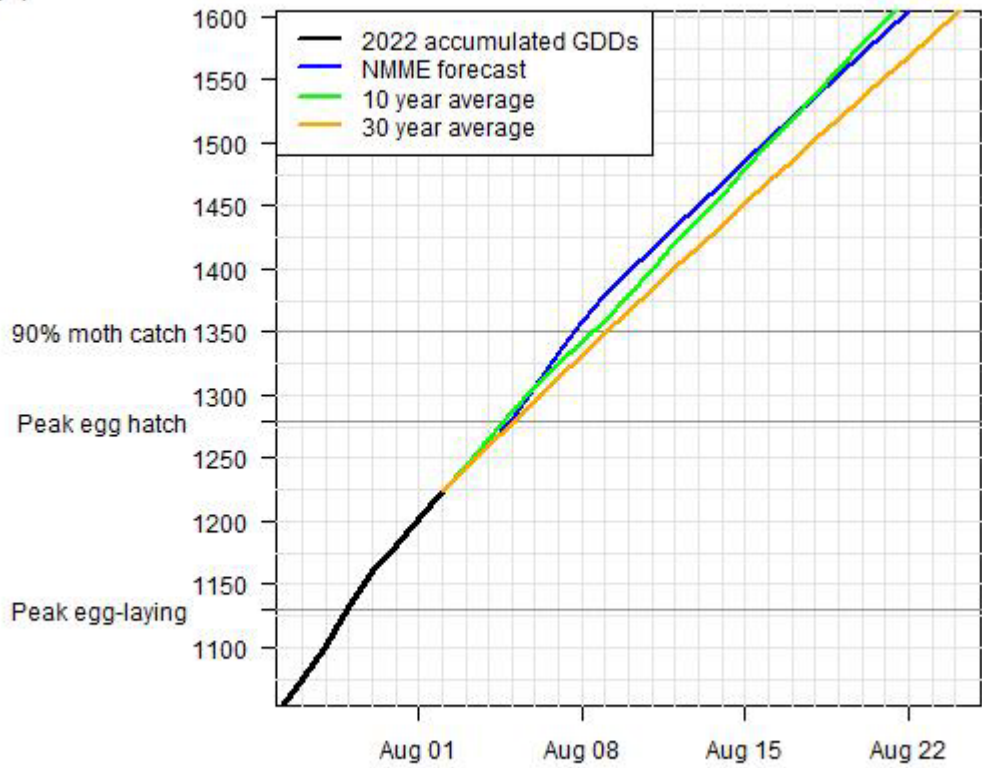
Oregon State University  
Extension Service

Questions? Contact  
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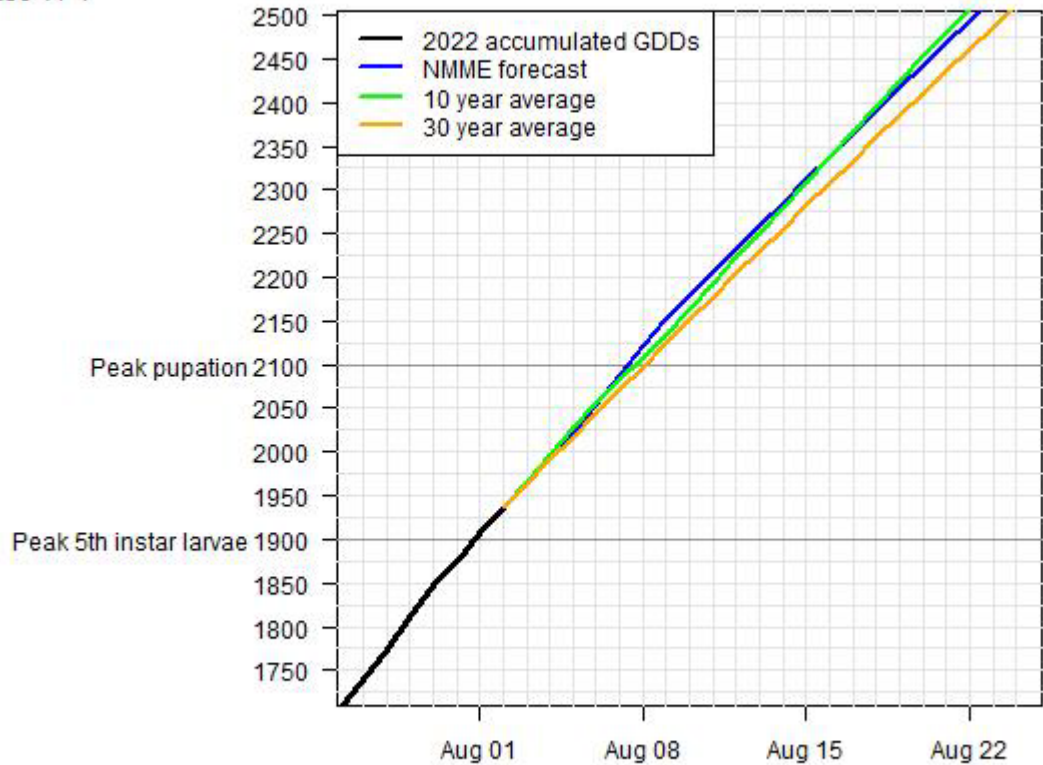
Accumulated GDDs  
base 50 °F

### Mint Root Borer Development at Corvallis Weather Station



Accumulated GDDs  
base 41 °F

### Variegated Cutworm Development at Corvallis Weather Station



# 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.