

July 28, 2022

# Mint Pest Alert Newsletter

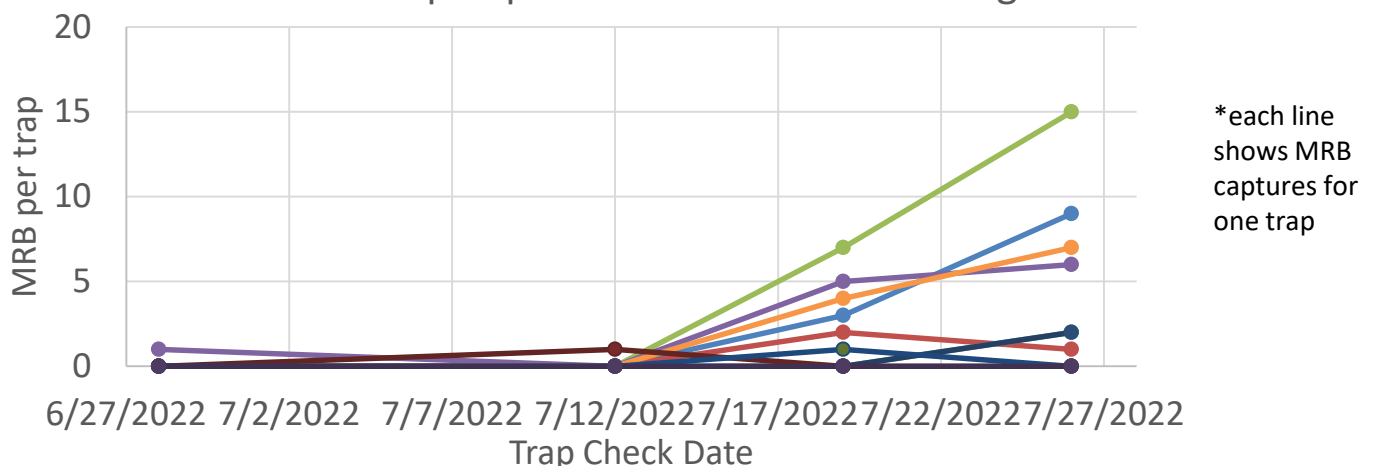
## Northeastern Oregon

The optimum application window for Coragen/Vantacor started July 25 in the Imbler area, and is expected July 30 in the Baker Valley. 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 August 2 and 10, respectively. Coragen/Vantacor has a long residual and it is most effective at controlling pests at the egg or newly hatched larval stages.

MRB trap captures are matching the model well. Numbers increased again this week to an average of 4 moths per trap with counts ranging from 0 to 15 moths. 13 loopers were caught in sweep net samples, and 3 cutworm moths were caught in traps. GDD totals are still about 5 days behind the 30 year average.

Peak numbers of third instar VC larvae are expected July 29 in the Baker Valley, while peak numbers of fifth instar larvae are expected August 7 near Imbler.

MRB Trap Captures in Northeastern Oregon



**Oregon State University**  
Extension Service

Questions? Contact

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To sign up for this newsletter contact

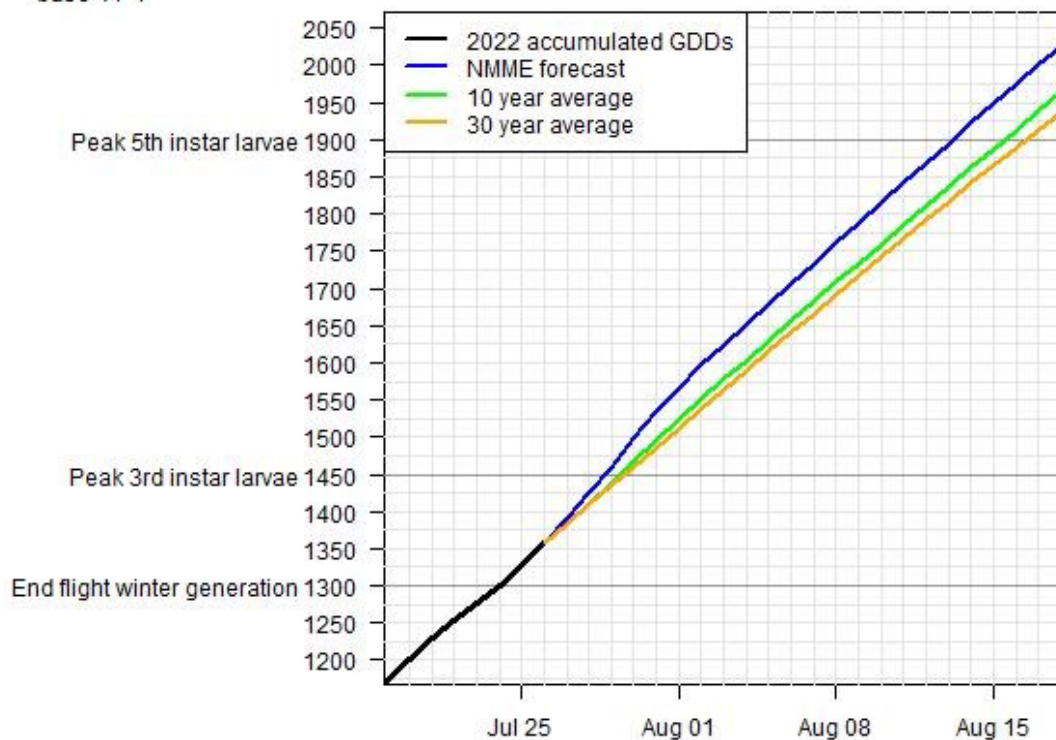
Christy Tanner: [Christy.tanner@oregonstate.edu](mailto:Christy.tanner@oregonstate.edu)

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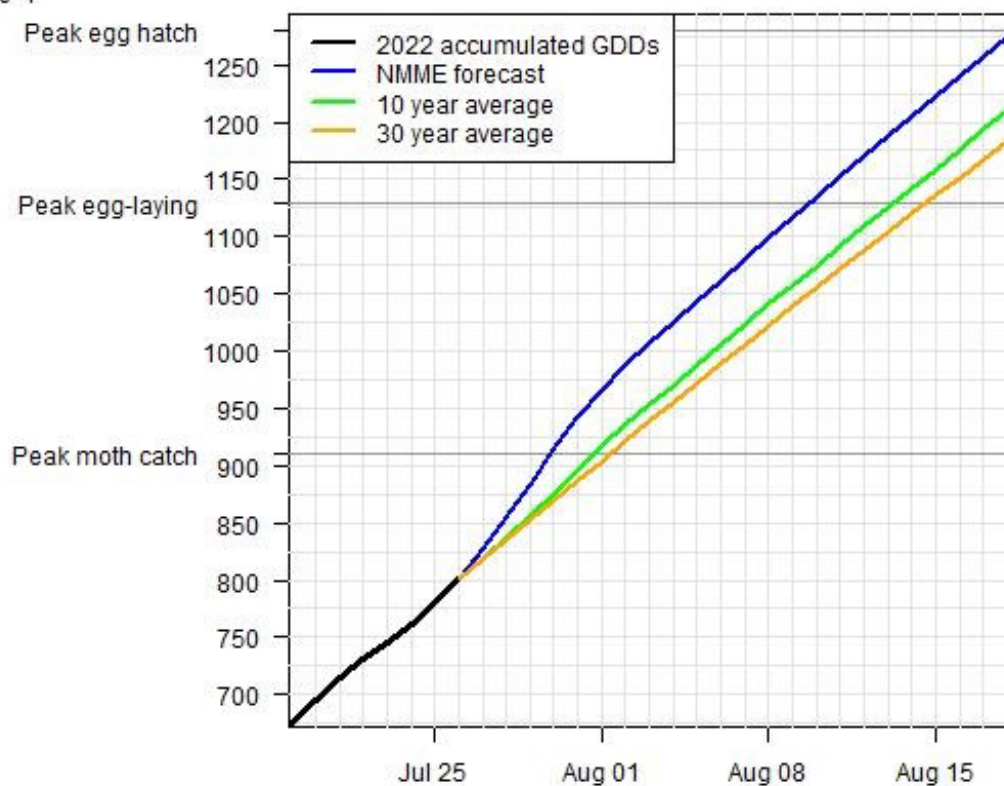
Accumulated GDDs  
base 41 °F

## Variegated Cutworm Development at Baker Valley Weather Station



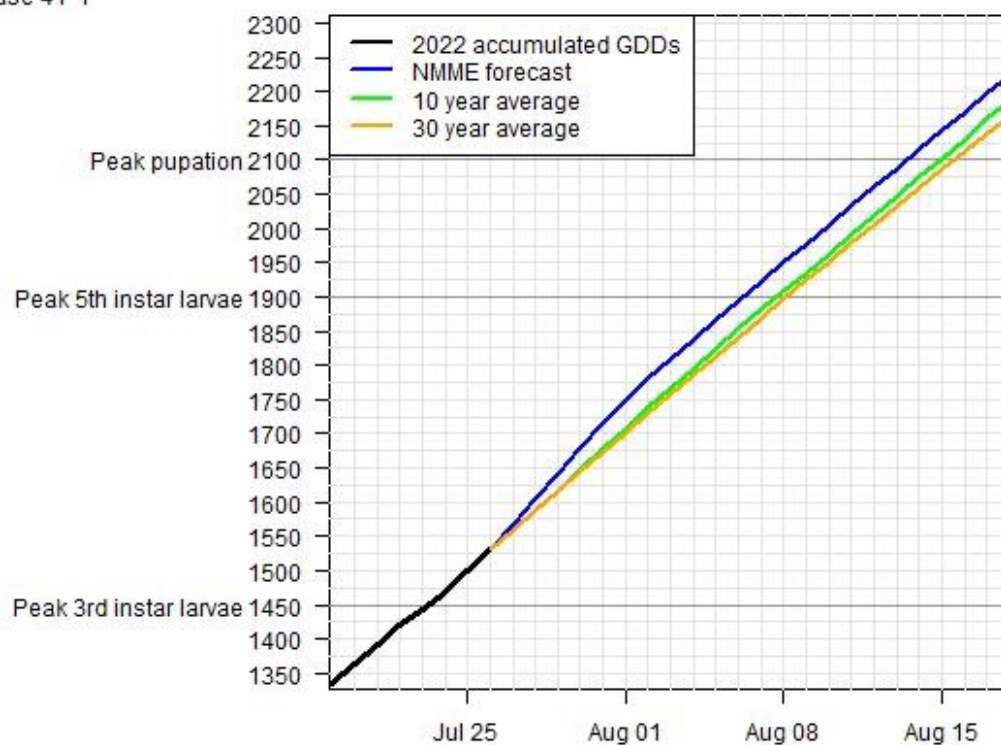
Accumulated GDDs  
base 50 °F

## Mint Root Borer Development at Baker Valley Weather Station



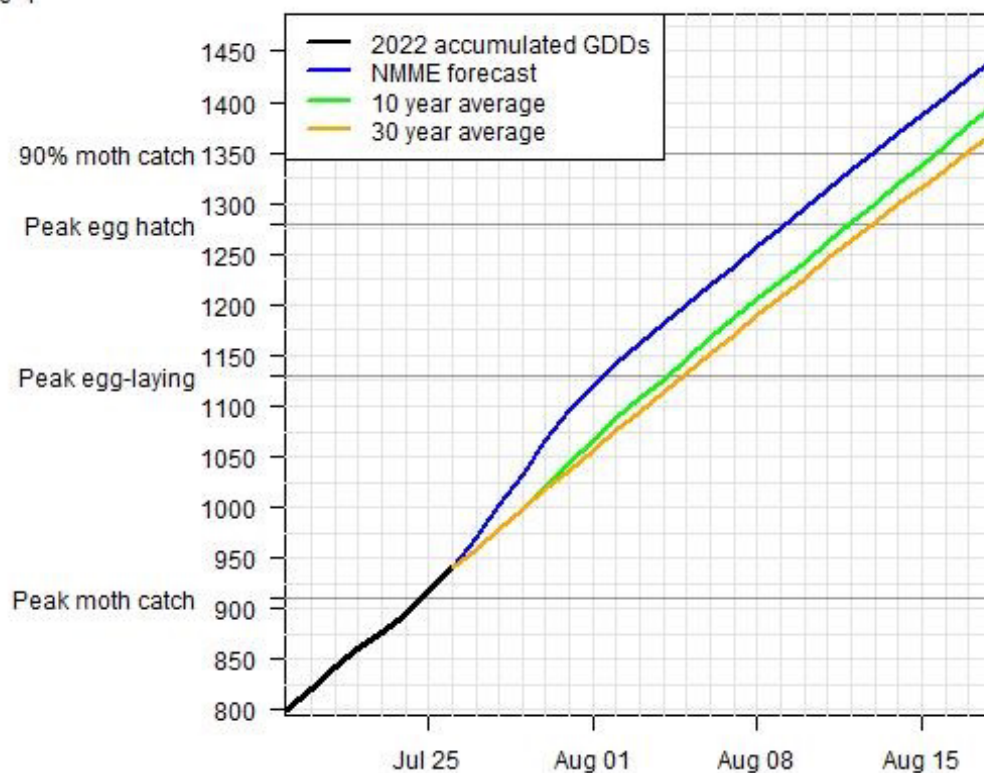
## Variegated Cutworm Development at Imbler Weather Station

Accumulated GDDs  
base 41 °F



## Mint Root Borer Development at Imbler Weather Station

Accumulated GDDs  
base 50 °F





# 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 be July 25 –August 2 for the Imbler area, and July 30 – August 10 in the Baker Valley.

Always read and follow the label for any pesticide applications.