

July 20, 2022

Mint Pest Alert Newsletter

Northeastern Oregon

MRB trap captures increased this week, but over all numbers are low. There were an average of 2.2 MRB per trap, with counts ranging from 0 to 7 moths. 8 loopers were caught in sweep net samples, but no variegated cutworms were found.

This year the optimum application window is expected to be July 25 –August 5 for the Imbler area. The Window will be later in the Baker Valley: July 31 – August 13. GDD totals are running 7 days behind the 30-year average.

Peak numbers of third instar VC larvae are expected July 23, near Imbler, and July 29 in the Baker Valley.



Oregon State University
Extension Service

Questions? Contact

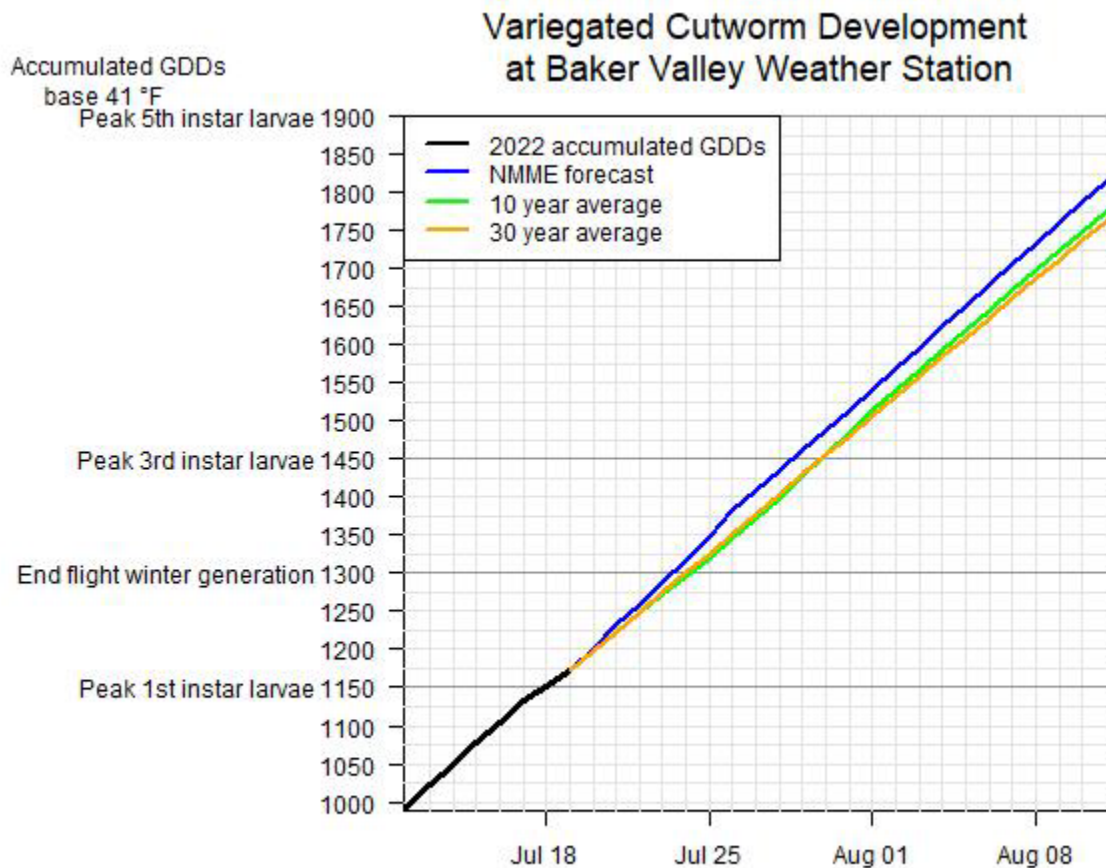
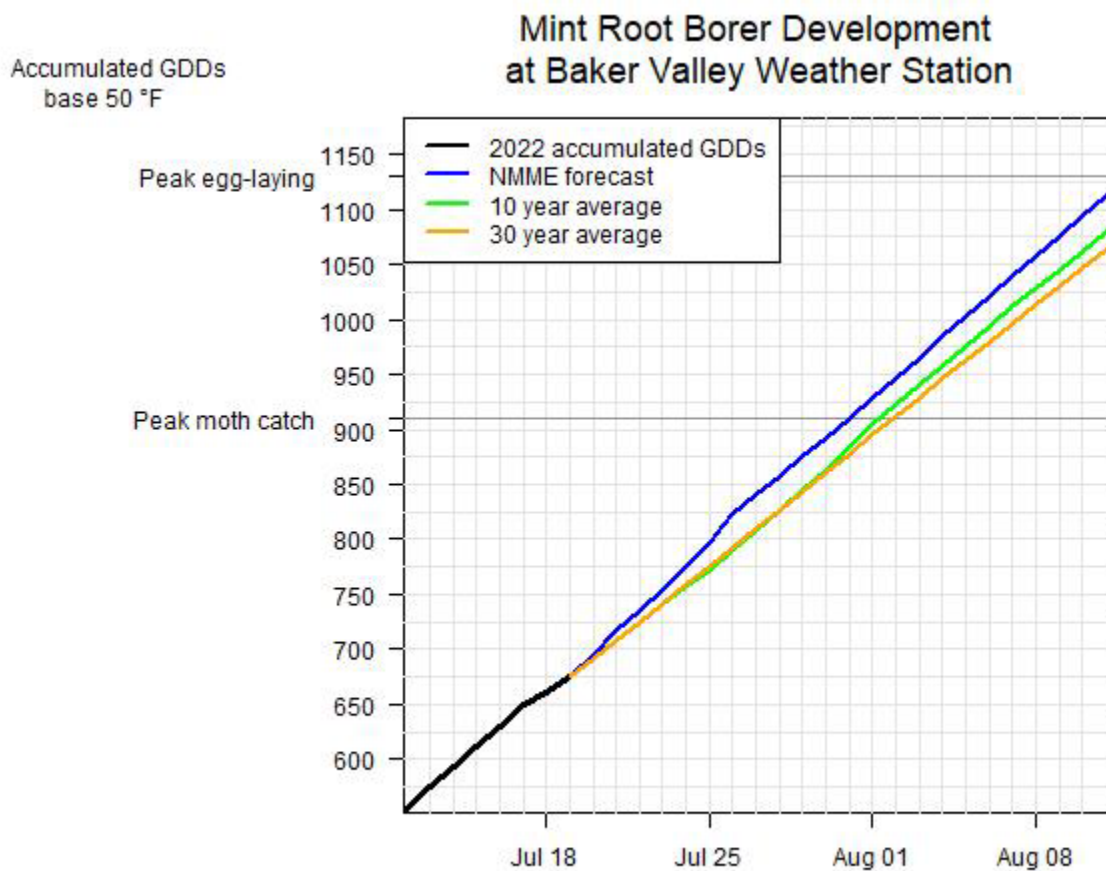
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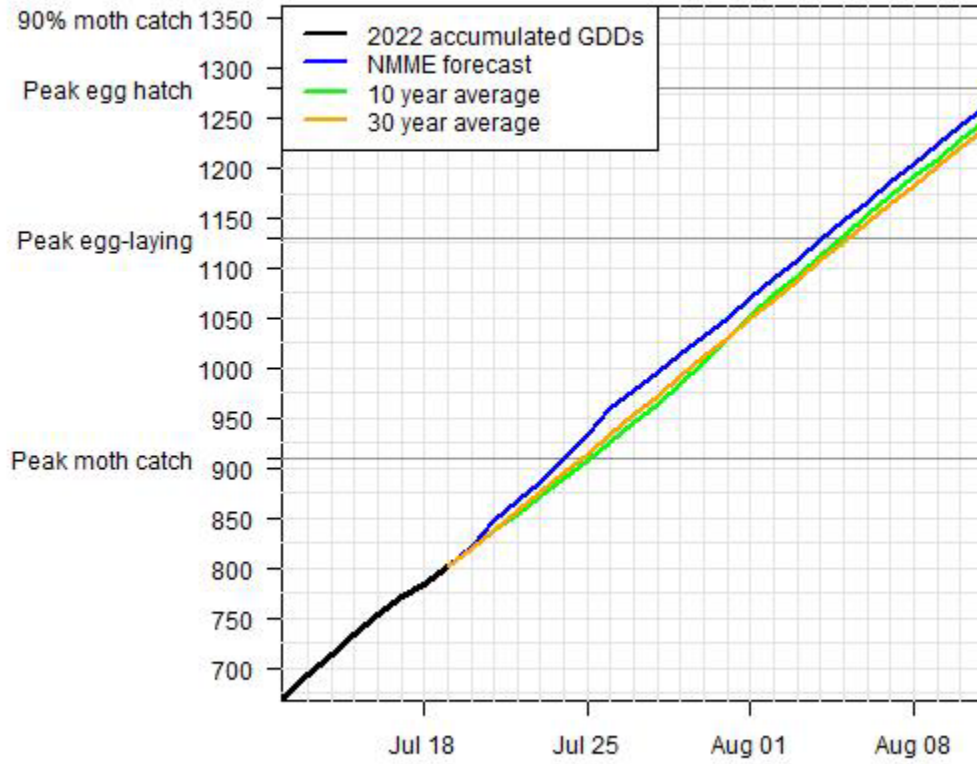
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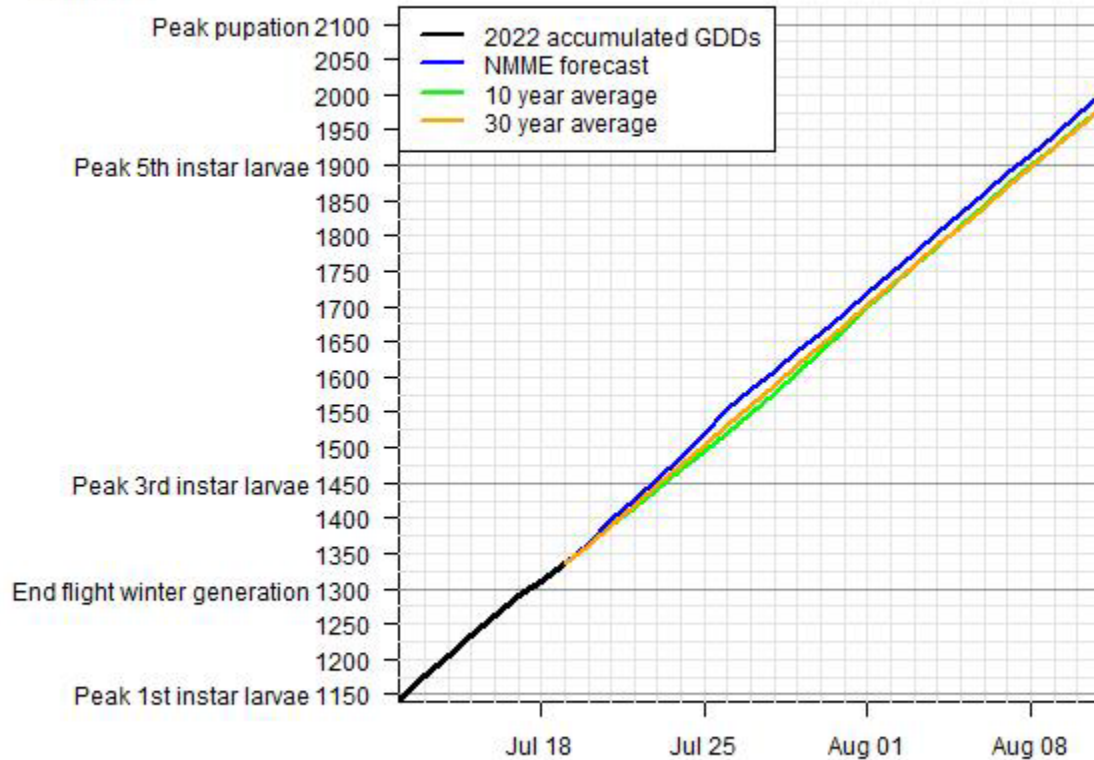
Mint Root Borer Development at Imbler Weather Station

Accumulated GDDs
base 50 °F



Variegated Cutworm Development at Imbler Weather Station

Accumulated GDDs
base 41 °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 5 for the Imbler area, and July 31 – August 13 in the Baker Valley.

Always read and follow the label for any pesticide applications.