

August 4, 2022

Mint Pest Alert Newsletter

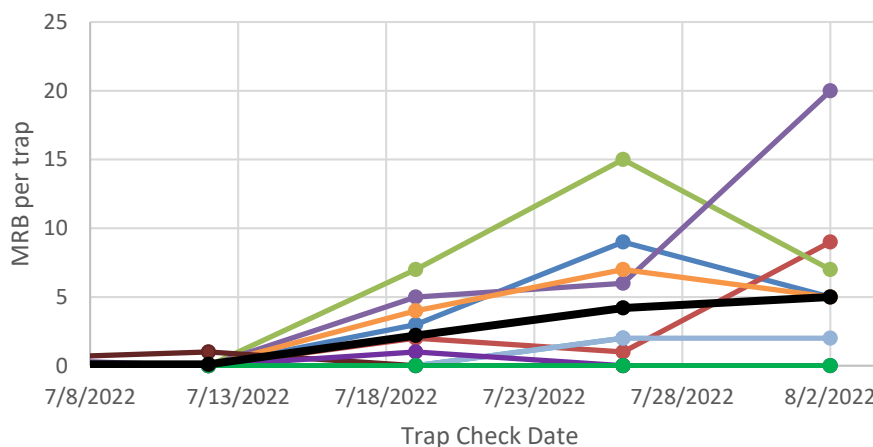
Northeastern Oregon

The optimum application window for Coragen/Vantacor is coming to a close. Peak MRB egg laying, which marks the end of the recommended treatment window was reached on August 3 in the Imbler area, and it is expected on August 10 in the Baker Valley. Coragen/Vantacor applications after peak egg laying are less effective because the eggs that were laid earlier in the season will have developed into less susceptible larval stages by the time of application and will not be controlled.

MRB trap captures are matching the model well. Numbers increased again this week to an average of 5 moths per trap. Trap counts increased in some traps, but decreased for others. 3 loopers were caught in sweep net samples, and 3 cutworm moths and a looper were caught in traps. GDD totals are about 3 days behind the 30 year average.

Peak numbers of fifth instar VC larvae are expected August 7 near Imbler and August 13 in the Baker Valley.

MRB Trap Captures in Northeastern Oregon



Each colored line shows one trap and the Black line shows the average of all traps.



Oregon State University
Extension Service

Questions? Contact

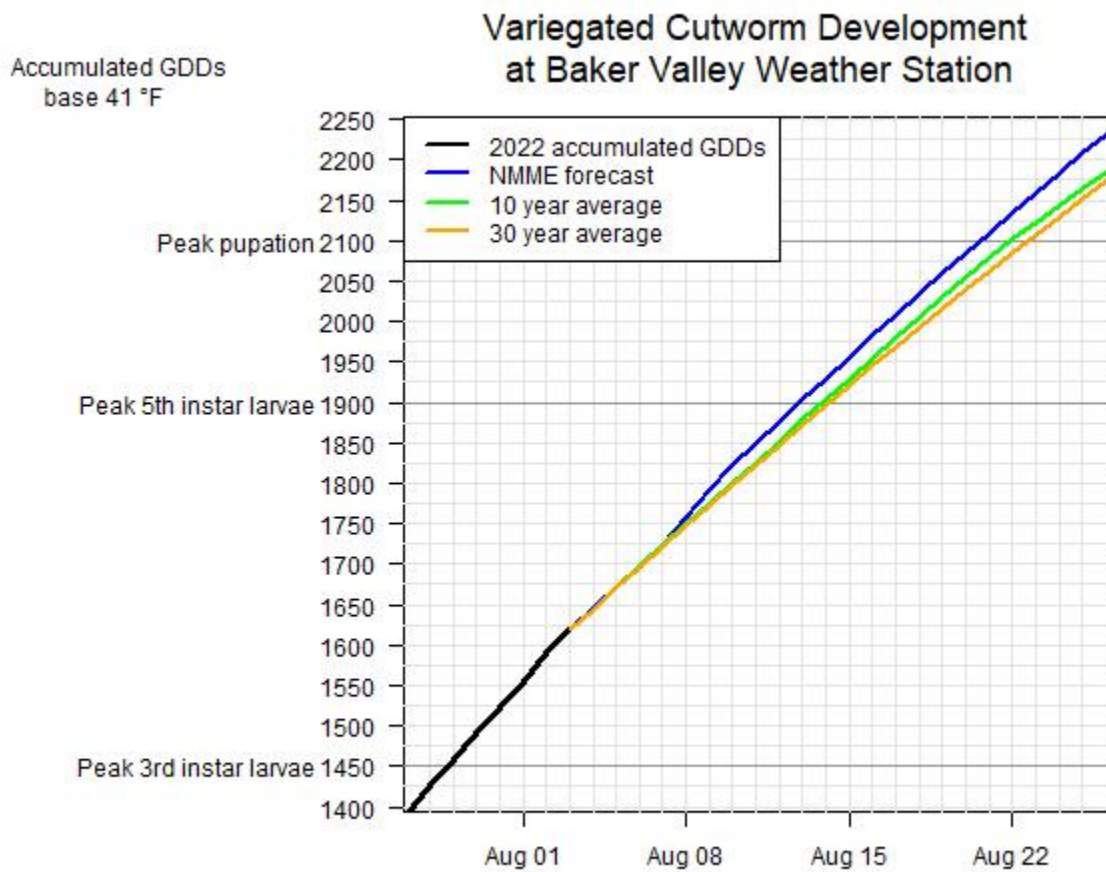
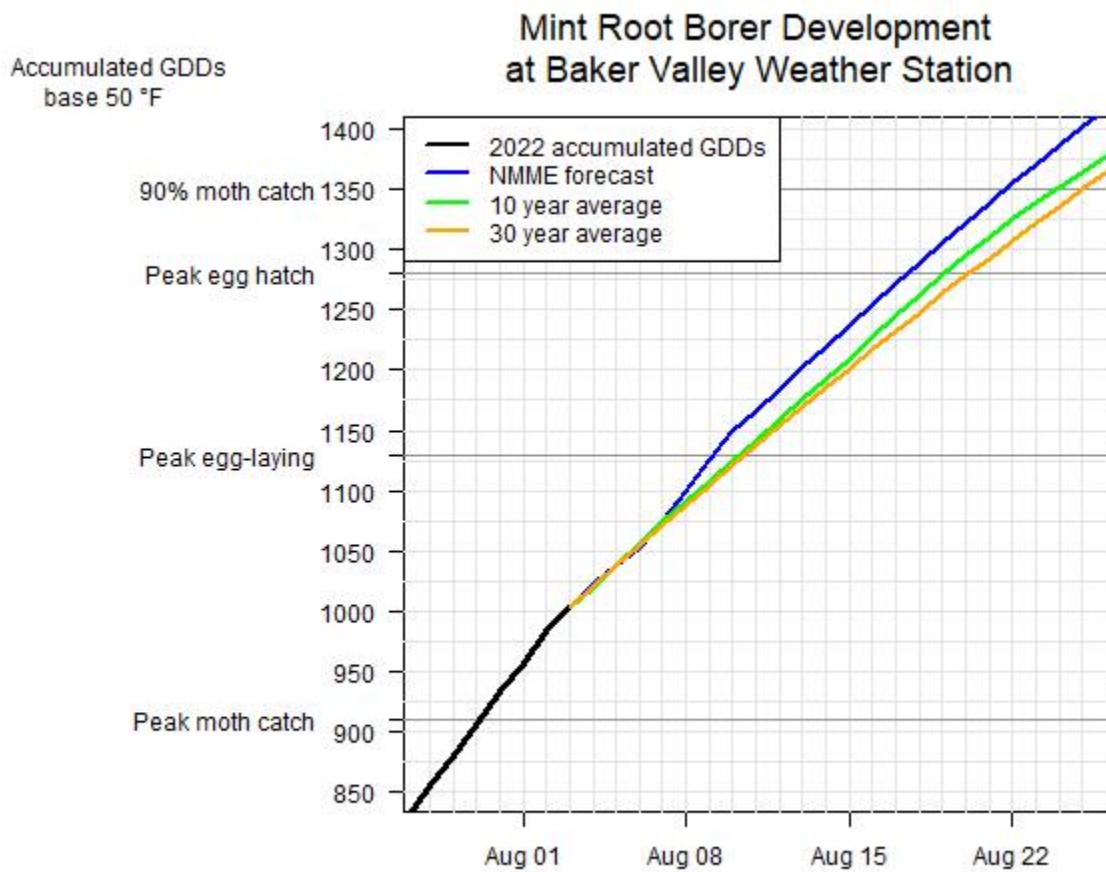
Darrin Walenta: Darrin.Walenta@oregonstate.edu

To sign up for this newsletter contact

Christy Tanner: Christy.tanner@oregonstate.edu

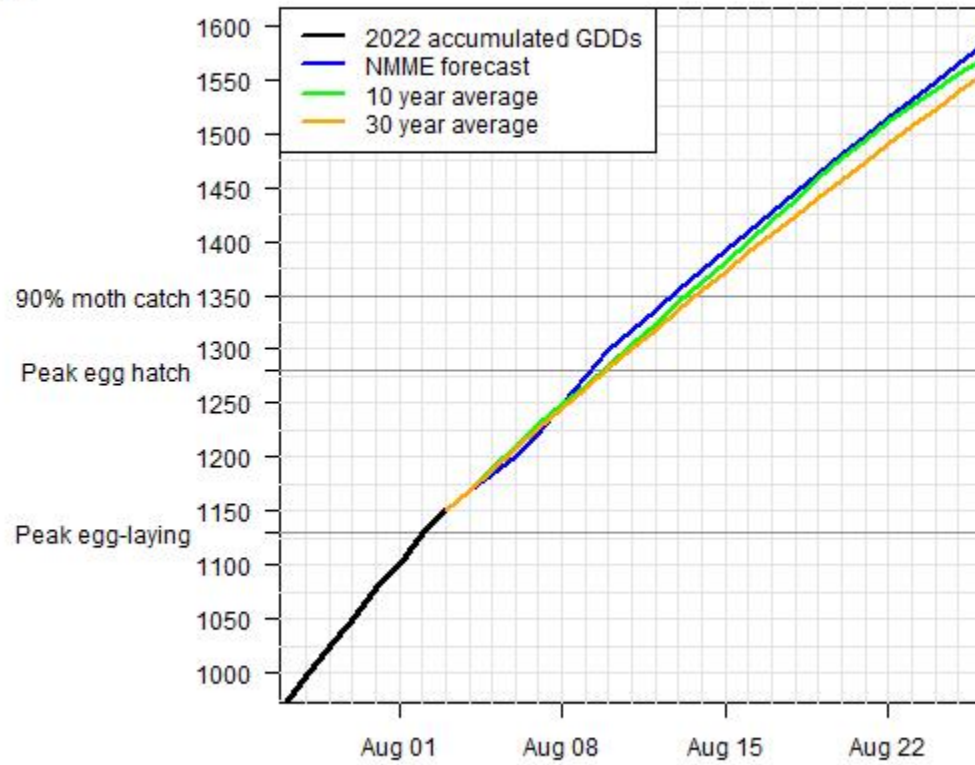
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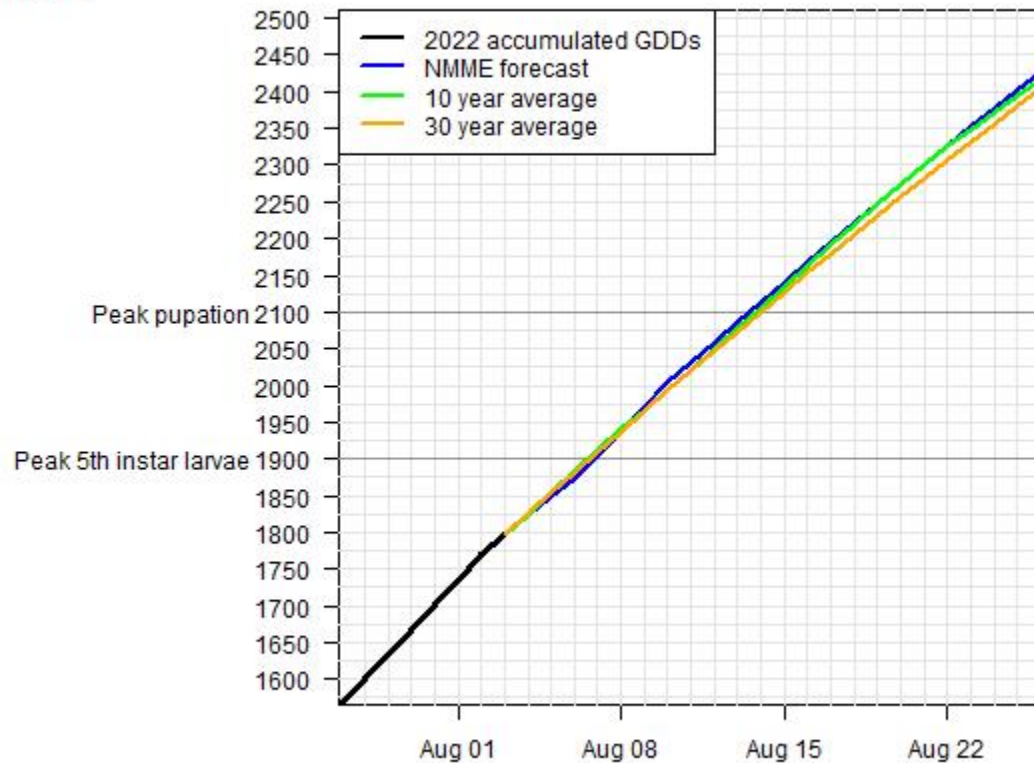
Accumulated GDDs
base 50 °F

Mint Root Borer Development at Imbler Weather Station



Accumulated GDDs
base 41 °F

Variegated Cutworm Development at Imbler 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 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.