

August 04, 2022

Mint Pest Alert Newsletter

-Central Oregon-

The optimum window to apply Coragen/Vantacor ended at peak egg laying on July 29 in the Madras area and August 3 in the Powell Butte area. 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 3 and 9 for Madras and Powell Butte, respectively. There is a 3 day pre-harvest interval for Coragen/Vantacor.

Fifth instar variegated cutworm larvae peaked on August 2 near Madras and are expected to peak on August 8 near Powell Butte. GDD totals near Madras are now just one day behind the 30 year average, while Powell Butte is now running 7 days ahead of the 30 year average.



Oregon State University
Extension Service

Questions? Contact

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To sign up for this newsletter contact

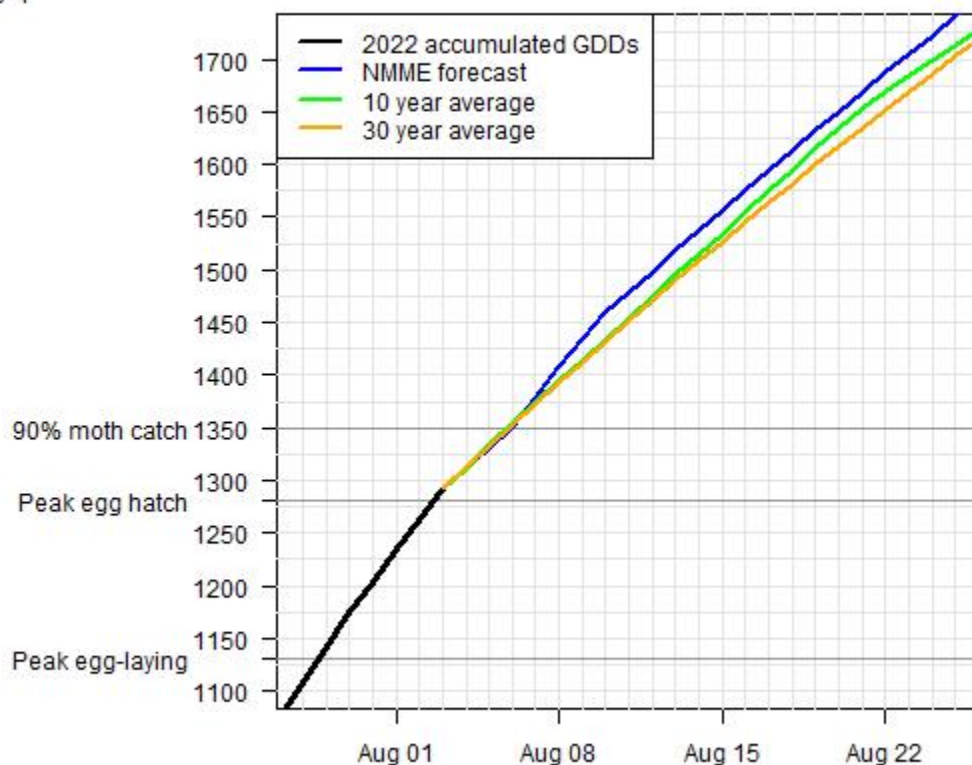
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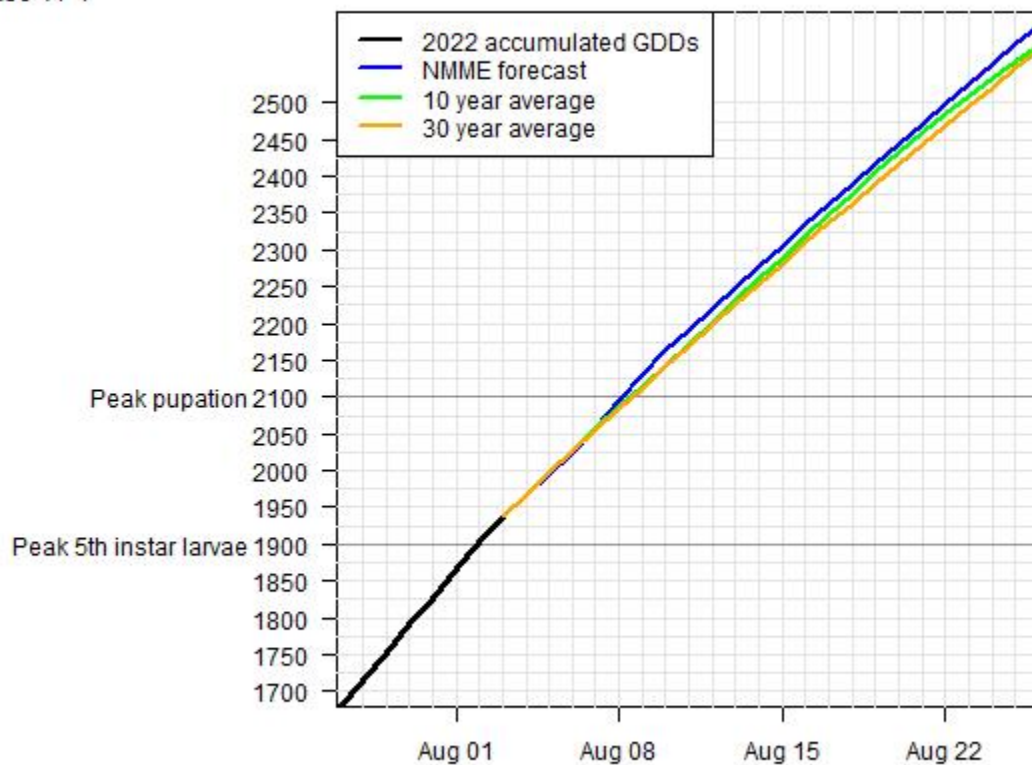
Accumulated GDDs
base 50 °F

Mint Root Borer Development at Madras Weather Station



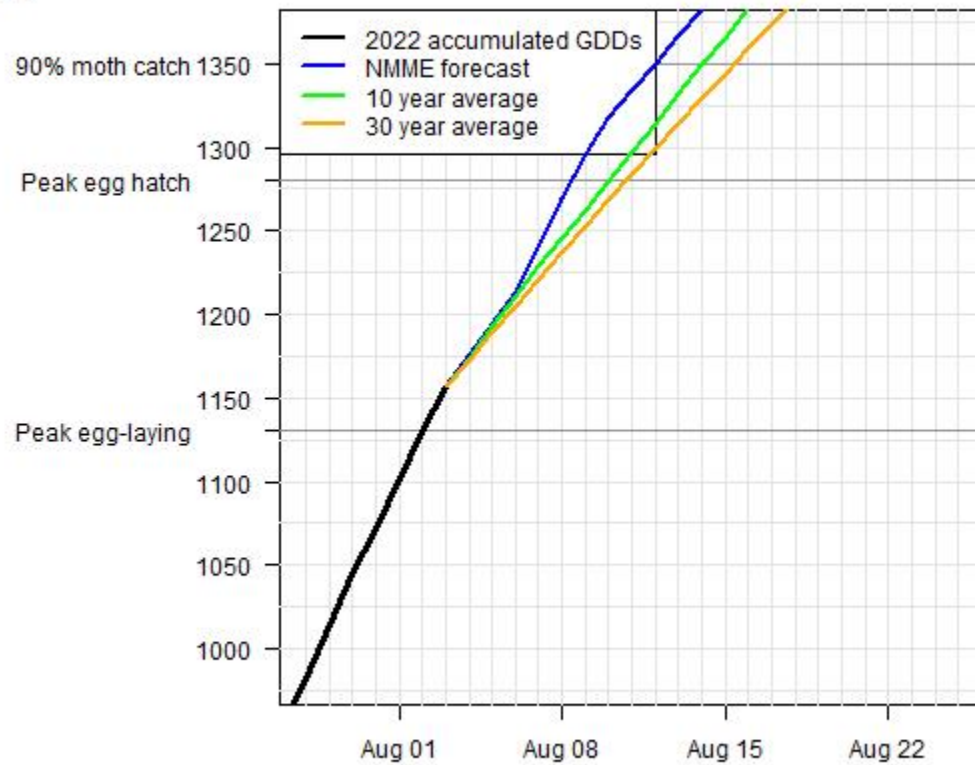
Accumulated GDDs
base 41 °F

Variegated Cutworm Development at Madras Weather Station



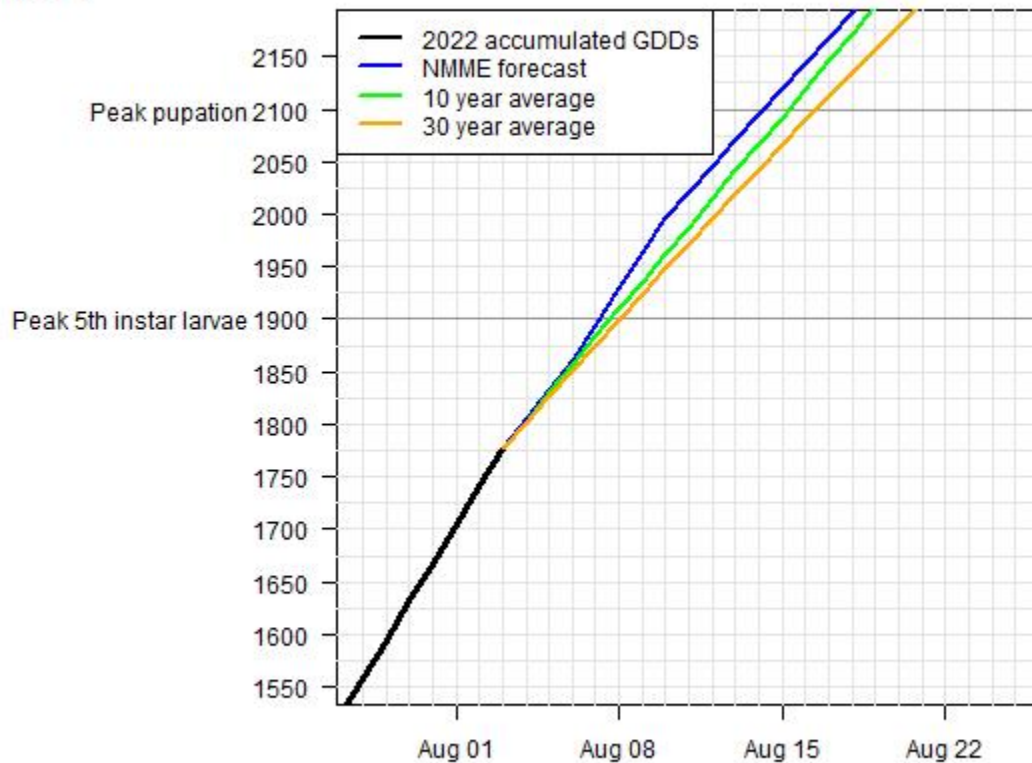
Accumulated GDDs
base 50 °F

Mint Root Borer Development at Powell Butte Weather Station



Accumulated GDDs
base 41 °F

at Powell Butte 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 21 – 29 for Madras, and July 26 – August 2 for Powell Butte.

Always read and follow the label for any pesticide applications.