

July 29, 2022

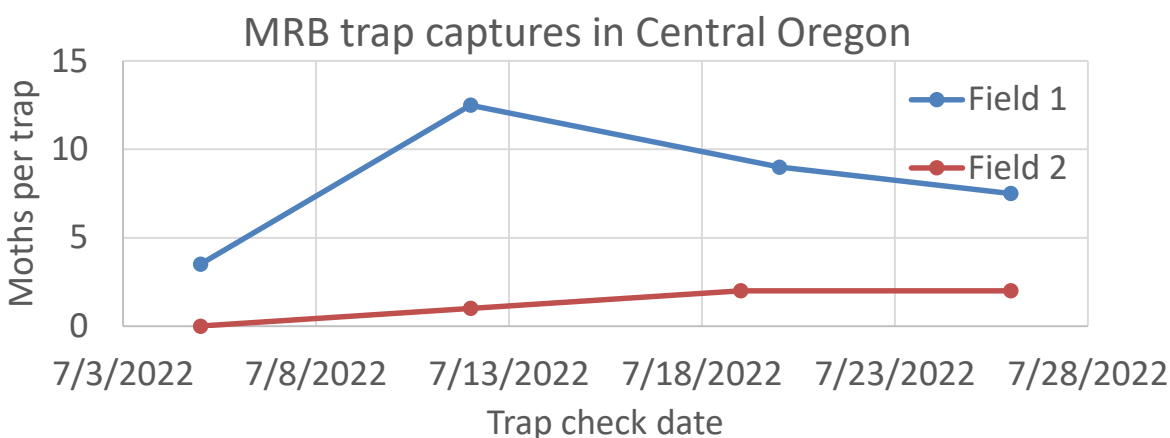
Mint Pest Alert Newsletter

-Central Oregon

The optimum window to apply Coragen/Vantacor is coming to an end. OSU studies showed that applications are most effective between peak MRB moth catch and peak egg laying. Peak MRB egg laying is expected to occur on July 29 in the Madras area. Near Powell Butte, The window opened on July 26 and is expected to last through August 2. Coragen/Vantacor has a long residual and it is most effective at controlling pests at the egg or newly hatched larval stages.

Last week GDD totals in both locations were running a week behind the 30 year average, but warm weather in the Powell Butte area brought the GDD total to 2 days ahead of the 30 year average. Madras is now about 5 days behind the 30 year average.

There were 2 MRB moths per trap in one field, and 7.5 moths per trap in the other. No loopers or cutworms were caught in sweep net samples. Numbers of third instar variegated cutworm larvae peaked on July 25 near Powell Butte, and fifth instar larvae are expected to peak on August 2 near Madras.



Oregon State University
Extension Service

Questions? Contact

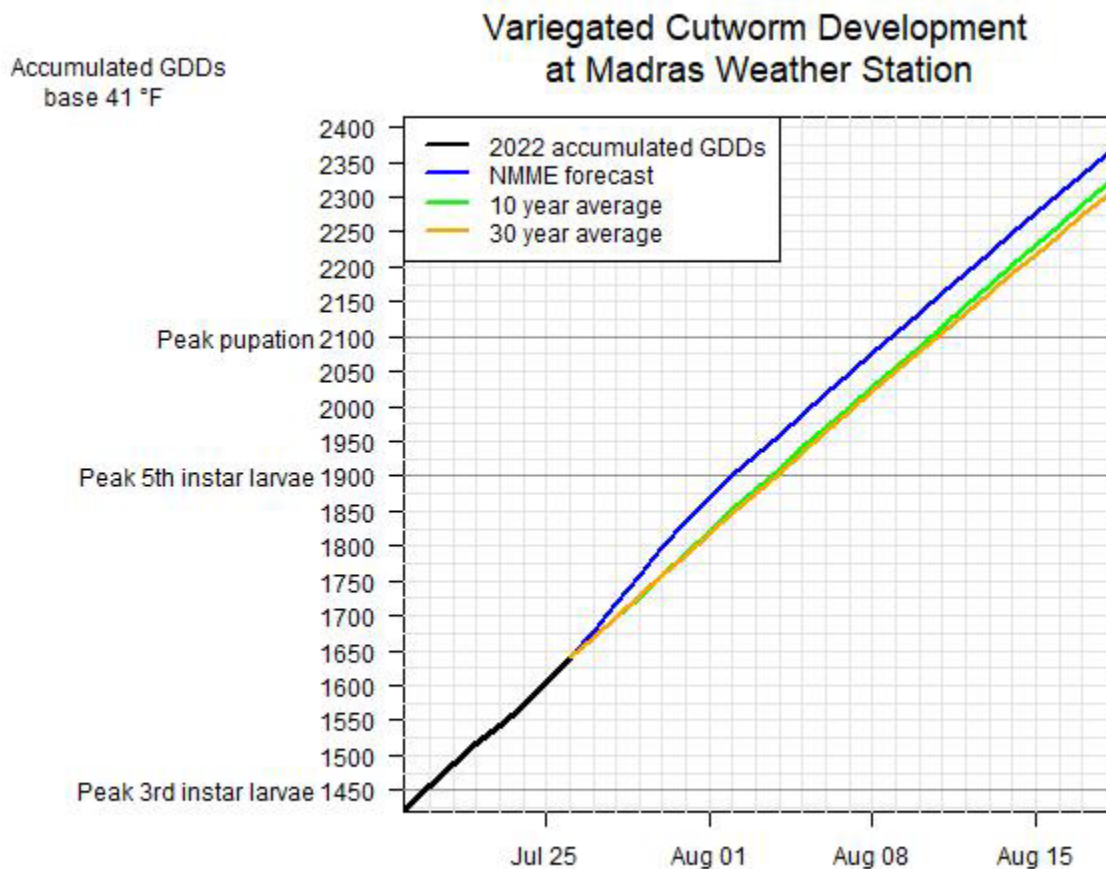
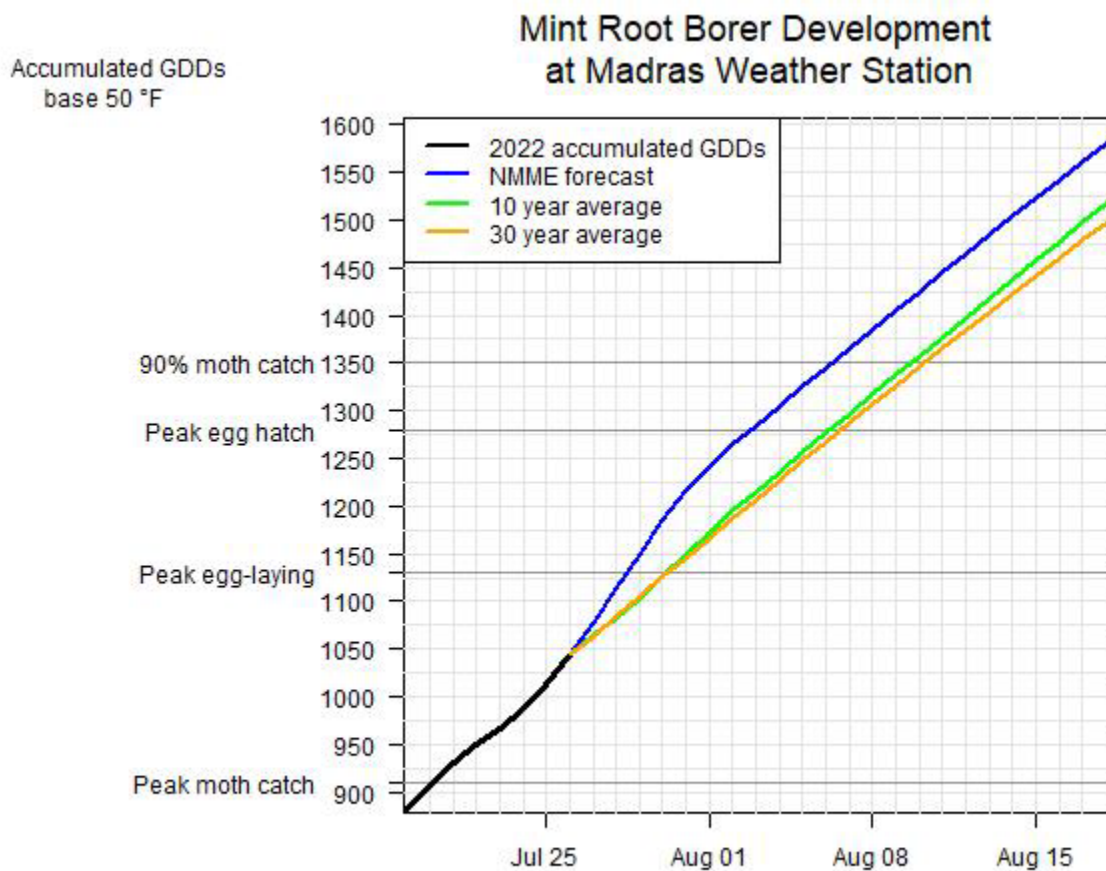
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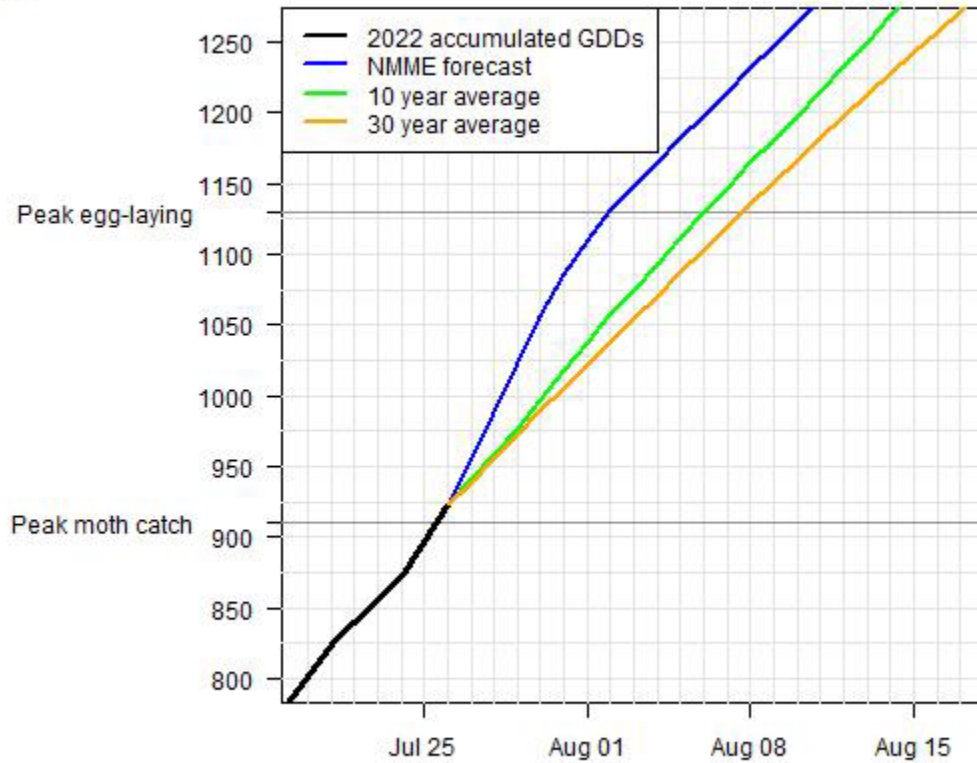
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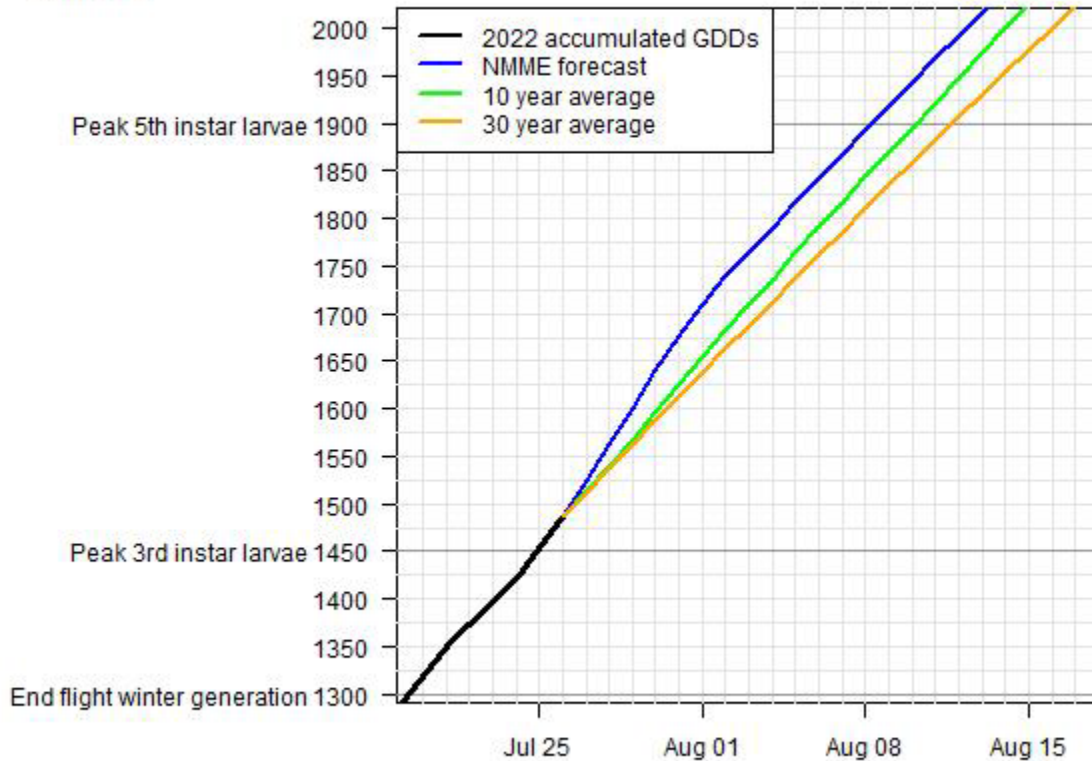
Accumulated GDDs
base 50 °F

Mint Root Borer Development at Powell Butte Weather Station



Accumulated GDDs
base 41 °F

Variegated Cutworm Development 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.