

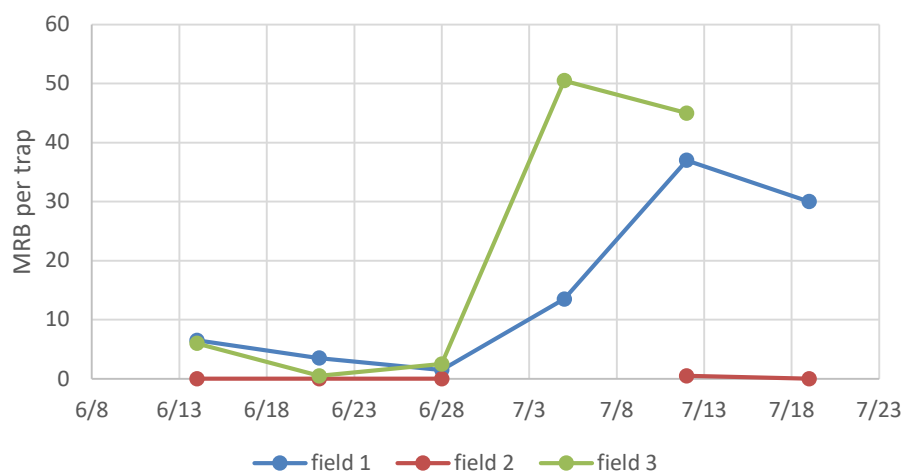
July 20, 2023

Mint Pest Alert Newsletter

- Willamette Valley -

This project combines GDD models with field trapping, so that the model can be verified with real world data. So how is the GDD model performing this year? The GDD model predicted peak catch would occur on July 4, which was a good match for MRB trap counts for field 3. Peak trap counts in field 1 were observed a week later on July 12. Unfortunately, we do not have trap data for July 5 for field 2 because a first cutting was being harvested. It is common for the timing of peak trap capture to vary from field to field. Overall, the field observations match the model reasonably well. The next growth stage predicted by the MRB GDD model is peak egg hatch on July 23. No VC or loopers were captured in sweep net samples this week. The GDD model predicts 5th instar VC larvae will peak on July 23.

MRB Counts



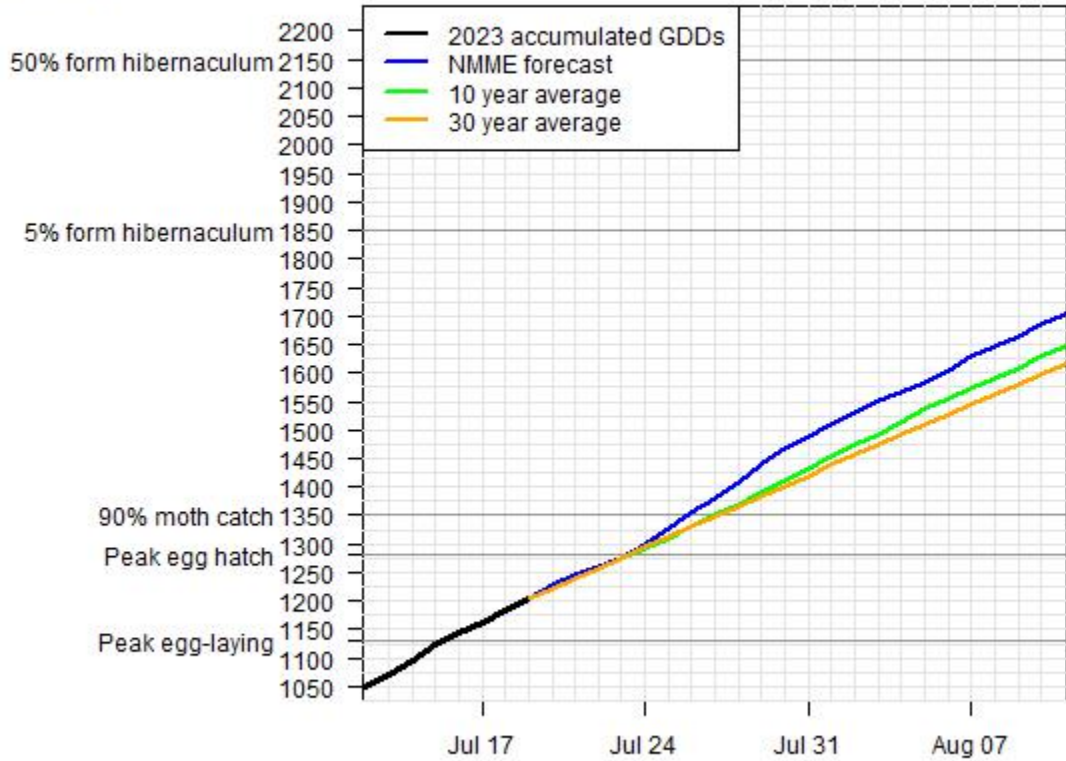
Oregon State University
Extension Service

Questions? Contact
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OREGONmint

Mint Root Borer Development at Corvallis Weather Station

Accumulated GDDs
base 50 °F



Variegated Cutworm Development at Corvallis Weather Station

Accumulated GDDs
base 41 °F

