

July 16, 2021

# Mint Pest Alert Newsletter

## - Central Oregon -

### Optimal Control Window Closing

The optimal time for control of MRB eggs and larvae ended today (Prineville / Powell Butte area) or is ending tomorrow (Culver / Madras area). MRB trap capture numbers are declining rapidly.

Fall MRB management decisions must be made before larvae form hibernacula (overwintering, soil-based cocoons). Hibernacula formation (5%) is predicted for August 11 for Culver / Madras and August 25 for Prineville / Powell Butte. This year is currently 16-18 days ahead of 2020, so be prepared to conduct your fall sampling earlier than usual. MRB larvae drop from the foliage and tunnel into rhizomes where they feed from August-early October. Larvae are generally too small to see in early August, while sampling in late September allows for significant damage to occur before treatment.



**Oregon State University**  
Extension Service

Questions? Contact

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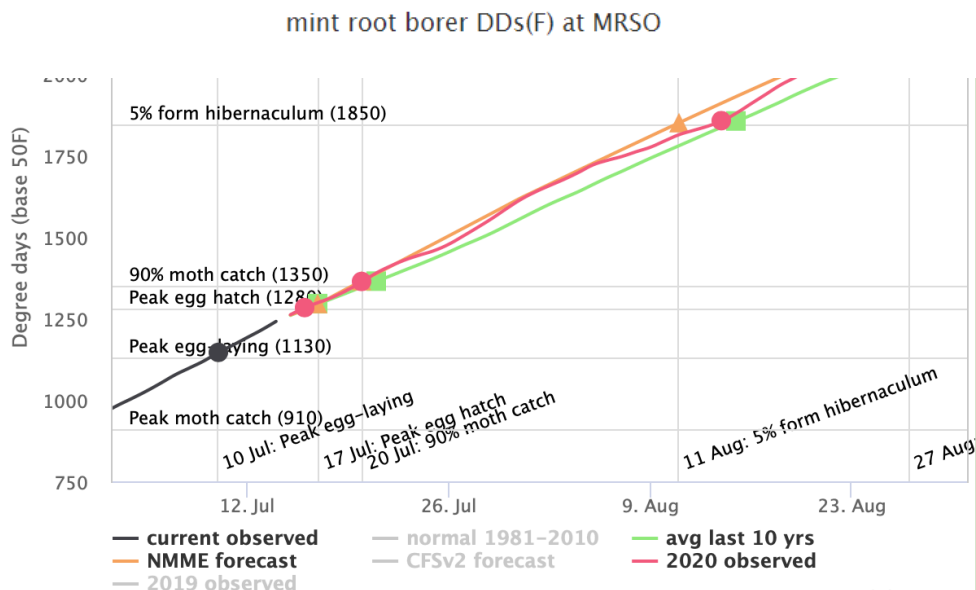
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# Culver and Madras

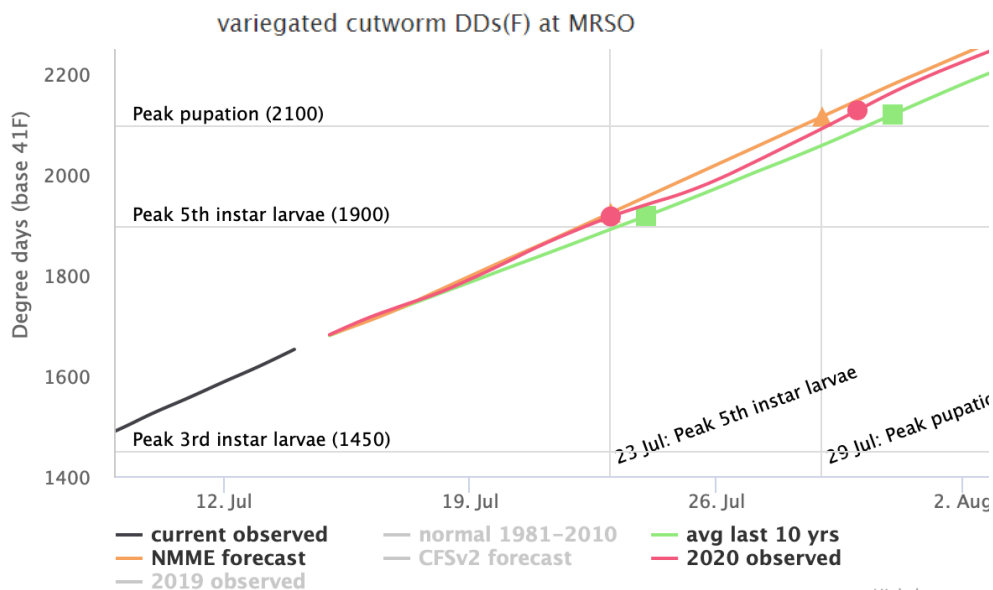
## Mint Root Borer (MRB) Insect Development

- ✧ Accumulated GDD is approximately 16 days ahead of 2020.
- ✧ MRB were caught in all fields with an average of 5 MRB per trap.
- ✧ Peak egg hatch is expected on July 17.



## Variegated Cutworm (VC) Insect Development

- ✧ Peak 5<sup>th</sup> instar larvae expected July 23.
- ✧ Peak pupation expected July 29.
- ✧ No VC were caught this week.
- ✧ Two loopers were found in sweep net samples.

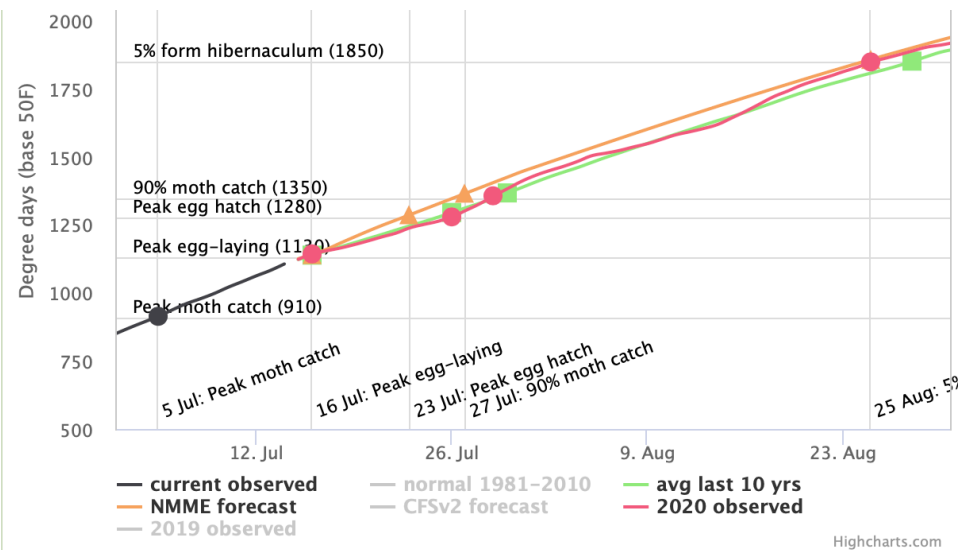




# Prineville & Powell Butte

## Mint Root Borer (MRB) Insect Development

mint root borer DDs(F) at POBO

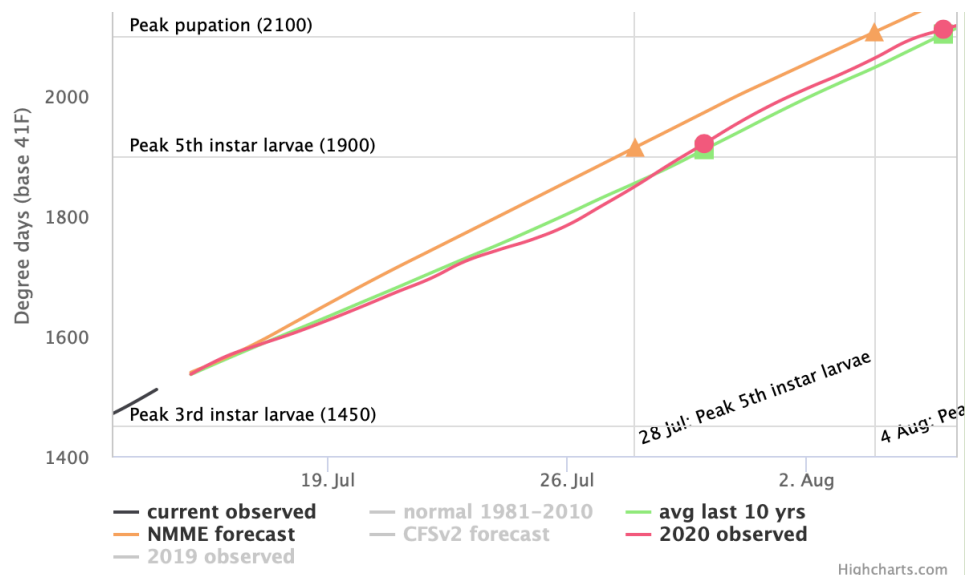


- ✧ Accumulated GDD is approximately 18 days ahead of 2020.
- ✧ Peak egg-laying expected today, July 16.
- ✧ Peak egg hatch expected July 23.



## Variegated Cutworm (VC) Insect Development

variegated cutworm DDs(F) at POBO



- ✧ Peak 5<sup>th</sup> instar larvae expected July 28.
- ✧ Peak pupation expected August 4.