

July 16, 2021

# Mint Pest Alert Newsletter

## - Eastern Oregon -

### Optimal Control Window Closed

The optimal time for control of MRB eggs and larvae ended (Grande Ronde Valley) or is ending July 18 (Baker Valley).

Fall MRB management decisions must be made before larvae form hibernacula (overwintering, soil-based cocoons). Hibernacula formation (5%) is predicted for August 22 for the Baker Valley and August 16 for the Grande Ronde Valley. This year is currently 16-19 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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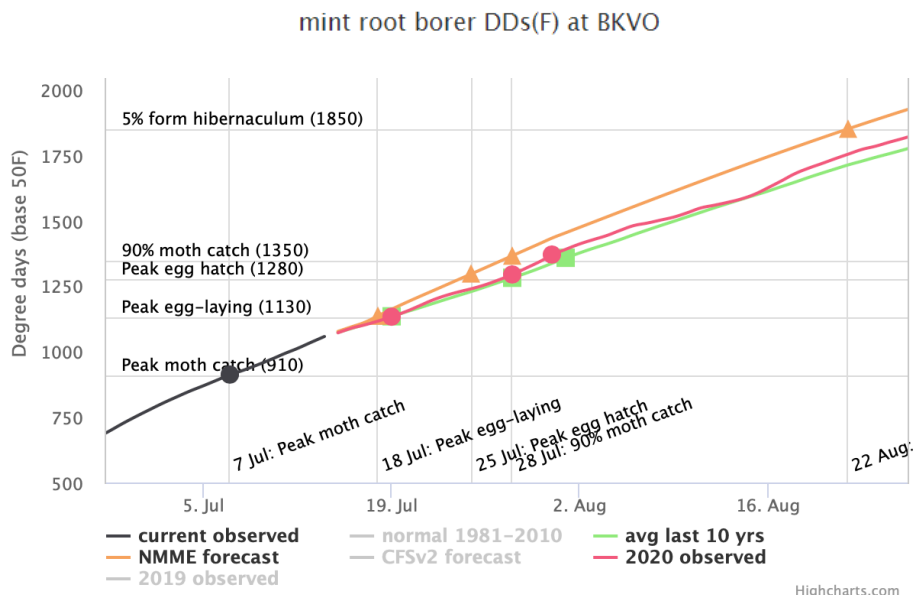
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# Baker Valley

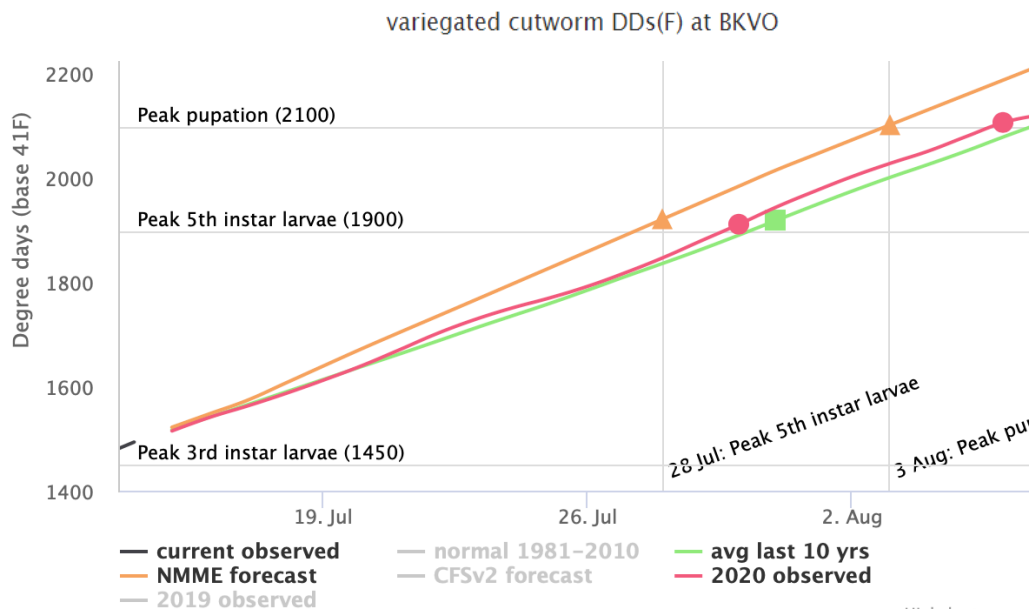
## Mint Root Borer (MRB) Insect Development

- ✧ 2 MRB (total) were caught across 4 traps checked on July 15.
- ✧ Peak egg-laying expected July 18.
- ✧ GDD accumulation is 19 days ahead of 2020.



## Variegated Cutworm (VC) Insect Development

- ✧ Peak 5<sup>th</sup> instar larvae expected July 28.
- ✧ Peak pupation expected August 3<sup>rd</sup>



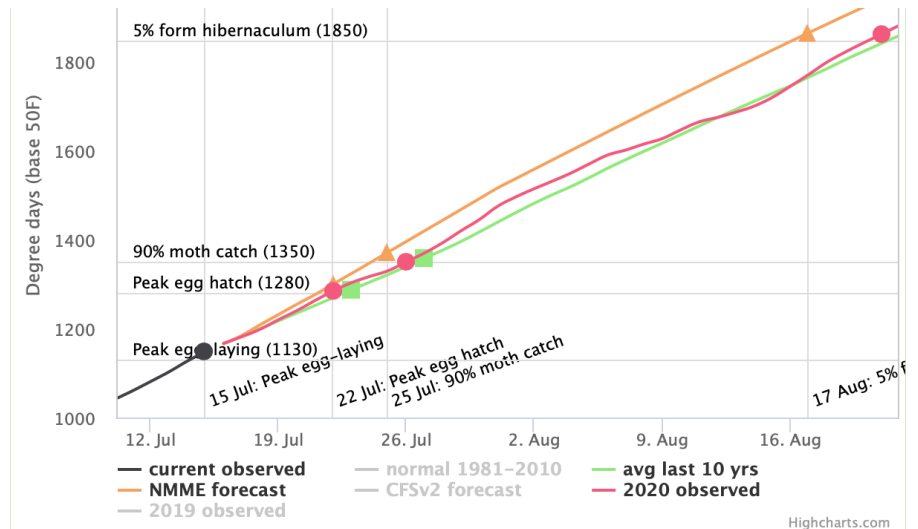


# Grande Ronde Valley

## Mint Root Borer (MRB) Insect Development

mint root borer DDs(F) at IMBO

- ✧ Peak egg hatch expected July 22.
- ✧ GDD accumulation is 16 days ahead of 2020.



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## Variegated Cutworm (VC) Insect Development

variegated cutworm DDs(F) at IMBO

- ✧ Peak 5<sup>th</sup> instar larvae expected July 26.
- ✧ Peak pupation expected August 1.

