

June 18, 2021

Mint Pest Alert Newsletter

- Eastern Oregon -

Welcome to the first issue of the Mint Pest Alert Newsletter for 2021

This e-newsletter uses insect development models and in-field observations to provide guidance on optimum timing of insecticide applications. These models are based on the accumulation of growing degree days (GDD, also called heat units). The speed of insect development depends on temperature, so these models do a better job of predicting the time of insect growth stages than calendar date.

The GDD model used in this newsletter is based on NOAA's 7-month extended forecast and pulls data from the AgriMetweather stations Powell Butte and Madras.

OSU research with has shown in-season control of Mint Root Borer eggs and first instar larvae can be achieved with Coragen®, and the optimal application timing for MRB control is at peak moth catch (predicted to be July 8th). This timing also controls cutworm, armyworms, and loopers.

Now Vantacore®, a product with the same active ingredient, is labeled for use in mint. Both products are expected to give similar control.



Oregon State University
Extension Service

Questions? Contact

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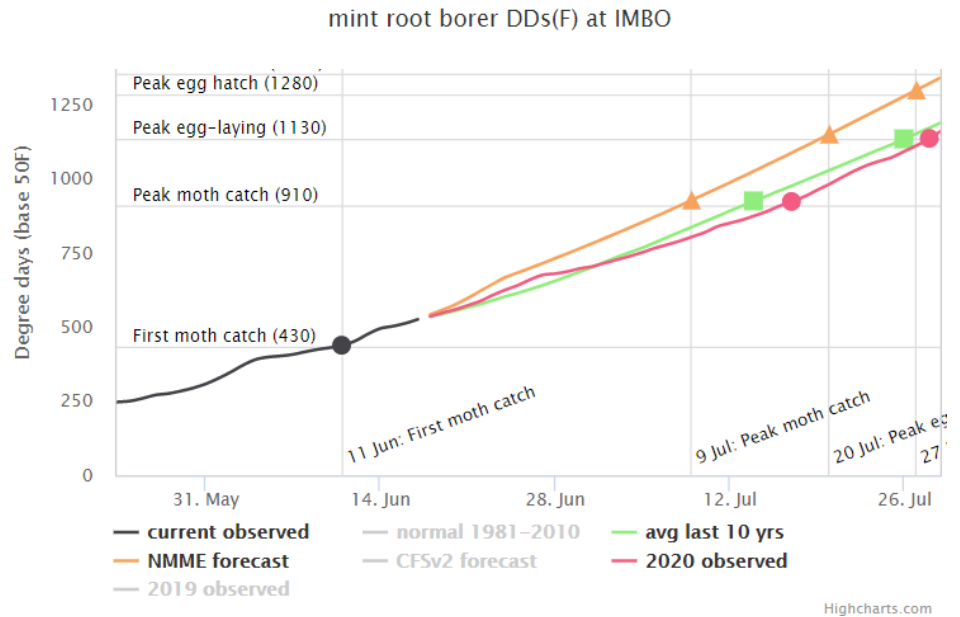
Sponsored by the Oregon Mint Commission

OREGONmint

Grande Ronde Valley

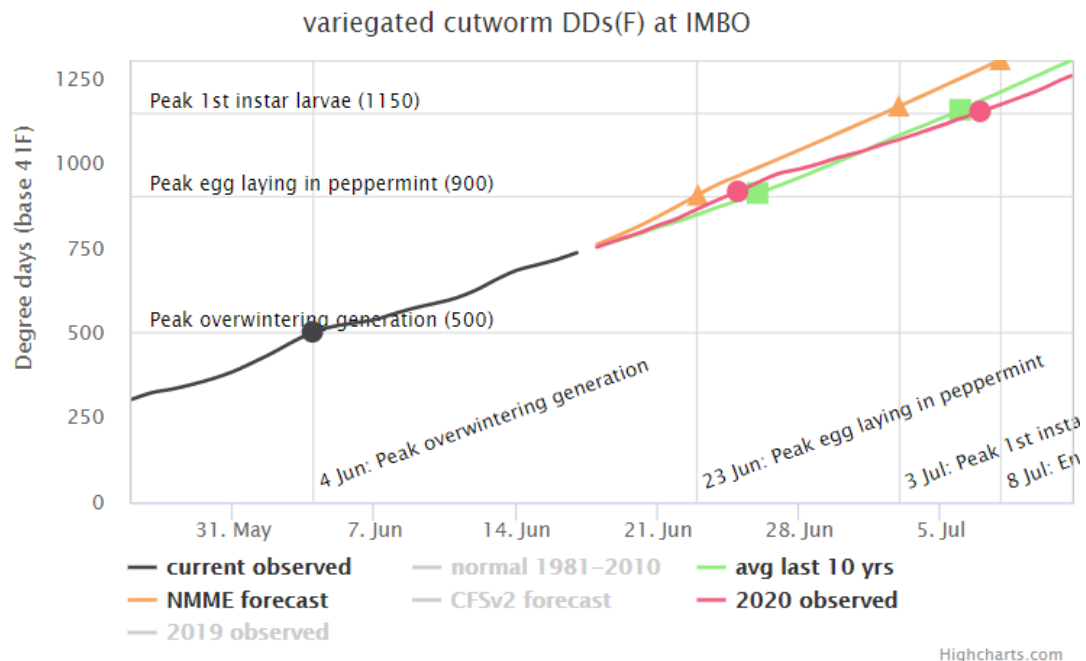
Mint Root Borer (MRB) Insect Development

- ✧ Traps were installed in fields.
- ✧ First moth catch was predicted for Jun 11.
- ✧ GDD accumulation is 6 days ahead of 2020.



Variegated Cutworm (VC) Insect Development

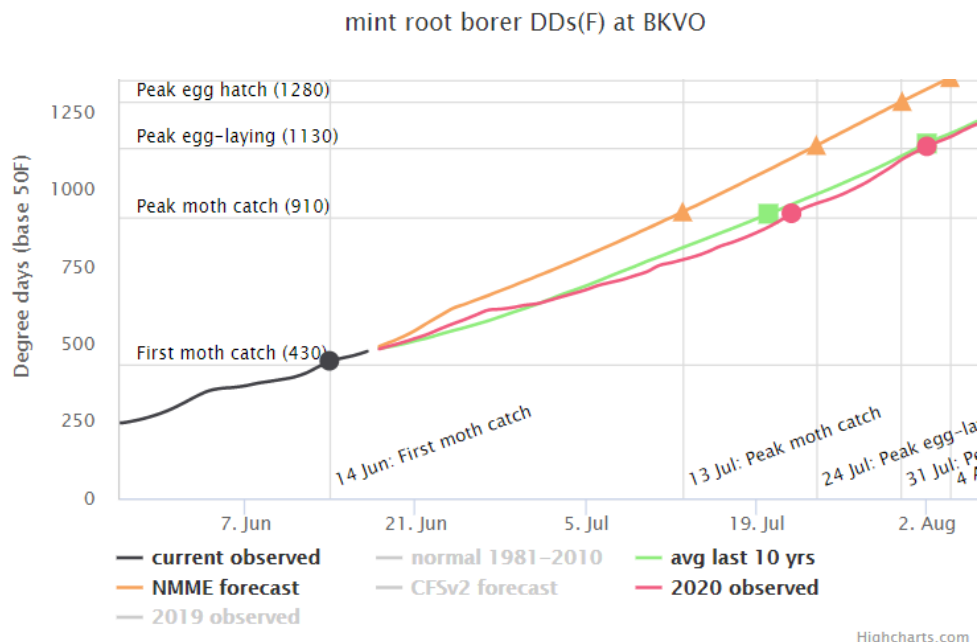
- ✧ Peak egg laying is expected on Jun 23.



Baker Valley

Mint Root Borer (MRB) Insect Development

- ✧ Traps were installed in fields.
- ✧ First moth catch was predicted for Jun 14.
- ✧ GDD accumulation is 6 days ahead of 2020.



Variegated Cutworm (VC) Insect Development

- ✧ Peak egg laying is expected on Jun 25.

