

June 29, 2022

Mint Pest Alert Newsletter

Northeastern Oregon

Welcome to the Mint Pest Alert Newsletter for 2022

This newsletter is intended to help you make management decisions about how best to control mint root borer (MRB), variegated cutworm (VC), and loopers in your mint fields. You will receive predictions about when MRB and VC are expected reach certain developmental stages, and results from traps and field scouting in your region.

The predictions provided in this newsletter are based on growing degree-day (GDD) models. Many organisms grow faster at warmer temperatures, and don't grow at all when it is too cold. These models tally up the amount of GDDs (aka heat units) each day based on the high and low temperature. Based on past research we know how many GDDs are needed before the insects reach certain growth stages. We use this information, combined with weather forecasts to predict when insect growth stages will occur.

Unlike the warm weather of last year, 2022 has been cool. In Northeastern Oregon, the GDD accumulation for MRB first moth capture is expected today for the Imbler weather station and on July 3 for Baker Valley. Growing degree day accumulation is 20-24 days behind last year and 12-13 days behind the 30-year average. It is not surprising if you have not seen any MRB adults yet.

Traps were installed on June 15 and have been checked weekly. Only one MRB adult was found each week.



Oregon State University
Extension Service

Questions? Contact

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To sign up for this newsletter contact

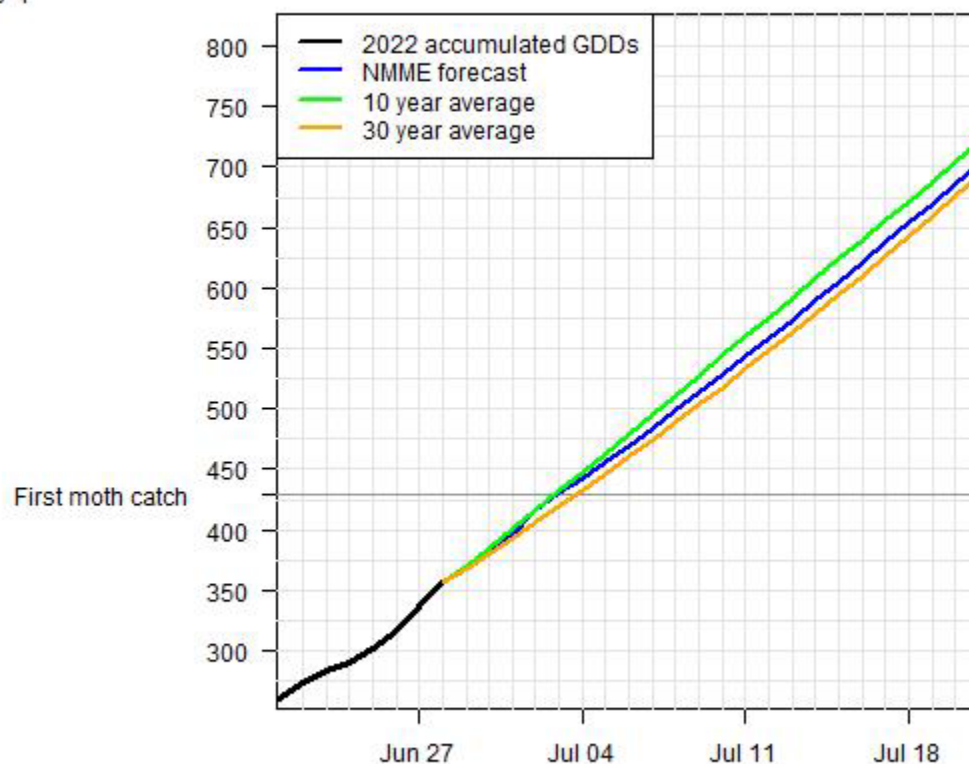
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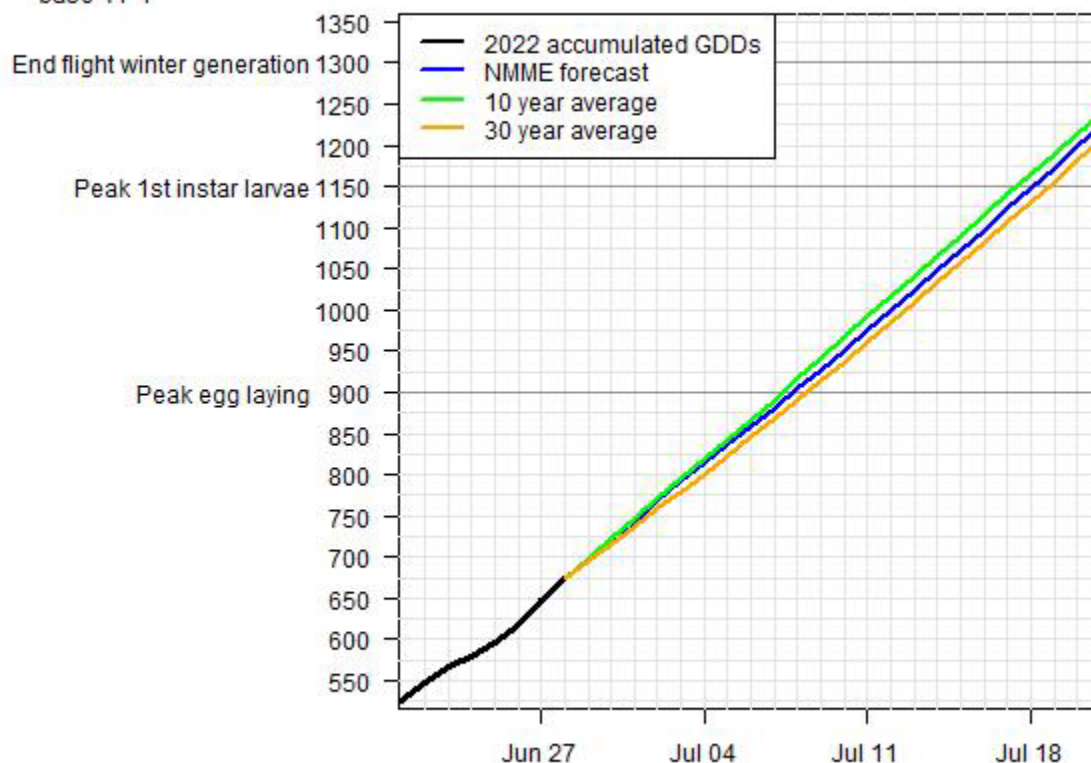
Accumulated GDDs
base 50 °F

Mint Root Borer Development at Baker Valley Weather Station



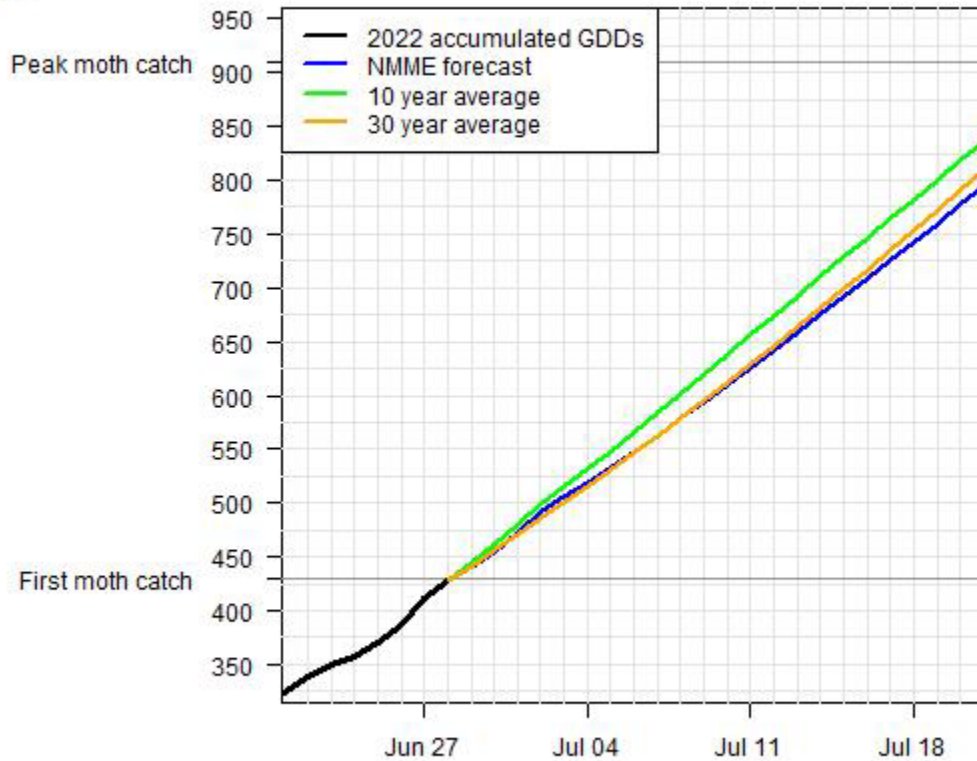
Accumulated GDDs
base 41 °F

Variegated Cutworm Development at Baker Valley Weather Station



Accumulated GDDs
base 50 °F

Mint Root Borer Development at Imbler Weather Station



Accumulated GDDs
base 41 °F

Variegated Cutworm Development at Imbler Weather Station

