

Online fruit pest management tool (Utah TRAPs) in Montana

What is TRAPs?

TRAPs is an online or app-based pest management tool. TRAPs uses degree days to predict insect emergence and life stages (phenology), providing site-specific information for monitoring and controlling certain pests. MSU Western Agricultural Research Center is collaborating with Utah State University to use TRAPs to assist with tree fruit pest management, including codling moth and fire blight. Codling moth is an insect pest; fire blight is a bacterial plant disease. Both affect apple and certain related species of fruit.

Features

- View pest emergence rates or predicted disease risk, and treatment information for:
 - Codling moth
 - Fire blight
 - Western cherry fruit fly
 - Spotted wing drosophila (SWD)
 - Other fruit tree pests
- Get pest recommendations for up to 3 weeks in the future.
- View graphs that display 24 hours of temperature, dew point, wind, and precipitation data.

Available Online

<https://climate.usu.edu/traps/> The current Montana TRAPs sites are Corvallis (COVM), Stevensville (STVM8), Flathead Lake (FLB05), Helena (E5549), Bozeman (BOZM), Columbus (C9321), and Miles City (KMLS). You can find them by either navigating on the map to their location or selecting them from the drop-down menu underneath “others courtesy of USU MesoWest”.

Download the App

Search for *Utah TRAPs*

Available for Android or iPhone

Select from the Montana weather stations: Corvallis (COVM), Stevensville (STVM8), Flathead Lake (FLB05), Helena (E5549), Bozeman (BOZM), Columbus (C9321), or Miles City (KMLS).

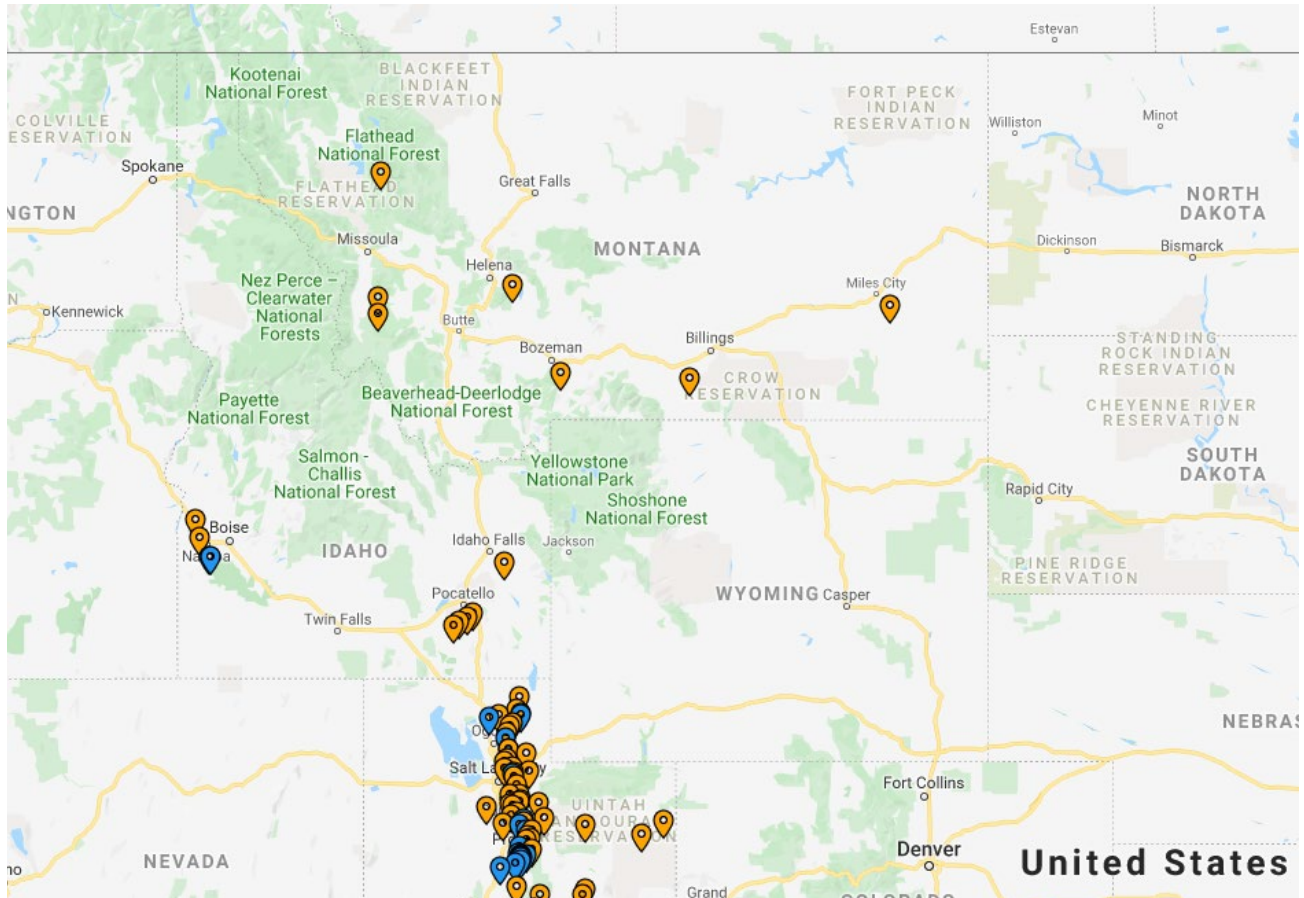


More information

Temperature and precipitation can differ considerably from site to site in the varied topography of the Montana; TRAPs output should be used as a guide alongside in-orchard pest and disease monitoring. We are seeking fruit tree grower feedback and participation. If you interested in this resource but are not near one of these stations, please contact us.

Current Montana TRAPs sites

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