

# Sweet Cherry Pest Guide

GDDs based on 5 year averages from the Traverse City, Michigan weather station (NWMHRS) from 2018-2023 (starting 3/1)

Approximate date	April				May					June					July				August									
	7	19	21	29	2	8	10	15	19	25	1	8	15	22	29	6	13	20	27	3	10	17	24					
GDD base 42F	42	92	100	136	157	201	220	290	341	449	590	739	869		1220	1434	1624	1829	2028	2214	2414	2603	2803					
GDD base 50F	13	36	39	52	63	81	91	131	155	220	311	405	484		724	881	1016	1164	1307	1437	1581	1720	1858					
Over wintering stage	Growth Stage		Dormant		Swollen Bud		Bud Burst		White Bud		First Bloom		Full Bloom		Petal Fall		Shuck Split		1st Cover		2nd Cover		3rd Cover		Pre Harvest		Post Harvest	
Egg	Black cherry aphid	Adult																										
Egg	European red mite	Adult																										
Egg	European red mite	Hatch																										
Adult female & immatures	Two spotted spider mite	Adult																										
Adult female	Plum rust mite	Adult																										
Scale	San Jose scale	Adult																										
Scale	San Jose scale	Crawlers																										
Egg & pupa	Green fruitworm	Larva																										
Larva	Oblique banded leafroller	Adult																										
Larva	Oblique banded leafroller	Hatch																										
Adult	Plum curculio	Adult																										
Adult	Rose chafer	Adult																										
Larva	American plum borer	Adult																										
Larva	American plum borer	Hatch																										
Larva	Lesser peach tree borer	Adult																										
Larva	Lesser peach tree borer	Hatch																										
Pupa	Cherry fruit fly	Adult																										
Adult	Cherry leafminer	Adult																										
Adult	Spotted wing drosophila	Adult																										
Larva	Japanese beetle	Adult																										
American brown rot	Prevention		Monitor Weather and Wetting Events																									
Powdery mildew	Prevention		Monitor Weather and Wetting Events																									

<span style="background-color: #e6f2ff;"> </span>	Principle monitoring period
<span style="background-color: #fff2cc;"> </span>	Possible control period
<span style="background-color: #f4cccc;"> </span>	Critical control period

**PURPOSE:** This table means to serve as a season-long guide for when various pest life stages are expected and the best time to target management strategies based on an AVERAGE year. The dates, growth stages, and pest development presented in this guide represent averages for the time period of 2018-2023 for the Northwest MI Horticultural Research Station maintained by MSU Enviroweather. Plant growth stages are based on 20-year averages of phenological data from NWMHRS of the Ulster and Emperor Francis varieties. Growers should adjust as needed for different varieties or growing regions. Actual situations on any given farm may differ, this chart is meant as a guide and not to replace on-farm scouting.

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