

Degree Days for Common Landscape Insect Pests

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Ash Borer 1st instar larvae = 275-500 DD₅₀

Ash Plantbug Nymphs = 100-200 DD₅₀

Birch Leafminer 1st generation larvae = 275-500 DD₅₀

Black Vine Weevil

 1^{st} generation adults = 400-600 DD₅₀ 2^{nd} generation adults = 900-1000 DD₅₀



Bronze Birch Borer Larvae = 400-500 DD₅₀

Cooley Spruce Gall Adelgid Adults = $50-100 DD_{50}$ Egg hatch = $210 DD_{50}$ Galls forming = $250 DD_{50}$ 2^{nd} generation nymphs = $2800-3000 DD_{50}$



Cottony Maple Scale Egg hatch = 850 DD₅₀ Crawlers = 900-1200 DD₅₀



Eastern Spruce Gall Adelgid

Adults = 50-100 DD₅₀ Egg hatch = 90 DD₅₀ 1^{st} instar larvae = 100 DD₅₀ 2^{nd} generation nymphs = 2800-3000 DD₅₀

Eastern Tent Caterpillar

Egg hatch = $50 DD_{50}$ 1^{st} instar larvae = $100 DD_{50}$ 2^{nd} instar larvae = $140 DD_{50}$ 3^{rd} instar larvae = $350 DD_{50}$ Adults = $725 DD_{50}$



Elm Leaf Beetle Larvae = 400-500 DD₅₀

Elm Sawfly Larvae = 365 DD₅₀

Euonymous Scale Crawlers = 500-700 DD₅₀

European Pine Sawfly 1st instar larvae = 50-100 DD₅₀

European Pine Shoot Moth Spring larvae active = $50-100 DD_{50}$ Adults = $900 DD_{50}$ Egg hatch = $200-100 DD_{50}$

Fall Webworm Larvae = 850 DD₅₀

Fletcher Scale Adults = $100-200 DD_{50}$ Egg hatch = $600 DD_{50}$ Crawlers active = $900-1200 DD_{50}$

Gypsy Moth Egg hatch = 100-200 DD₅₀ Larvae = 200-350 DD₅₀

Hawthorn Leafminer Larvae = 275-500 DD₅₀

Honeylocust Plantbugs = 100-200 DD₅₀

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Imported Willow Leaf Beetle = 200-350 DD₅₀

Japanese Beetle Adults = 900-1200 DD₅₀

Mountain Ash Sawfly = 500 DD₅₀

Oystershell Scale (brown race) Egg hatch = $265 DD_{50}$ 1^{st} generation crawlers = 275-500 DD₅₀ 2^{nd} generation crawlers

generation crawlers = $1600-1700 DD_{50}$



Oystershell Scale (grey race) 1^{st} generation crawlers = 400-600 DD₅₀

Pine Needle Scale

 1^{st} generation crawlers = 200-350 DD₅₀ 2^{nd} generation crawlers = $1600-1700 DD_{50}$



Pine Spittlebug

 1^{st} generation egg hatch = 145 DD₅₀ 2^{nd} generation egg hotch 2^{nd} generation egg hatch = 1500 DD₅₀ 2^{nd} generation crawlers = 1500-1600 DD₅₀



Spruce Spider Mite = 100-200 DD₅₀

Taxus Mealybug = 275=500 DD₅₀

Viburnum Crown Borer 1^{st} instar larvae = 500-600 DD₅₀

Zimmerman Pine Shoot Moth

 1^{st} generation larvae (1^{st} instar) = 100 DD₅₀ 2^{nd} generation larvae (1st instar) = 2700-2900 DD₅₀

For more information on phenology: See University of Wisconsin Garden Facts X1085, X1086 and X1087, or contact your county Extension agent.

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A complete inventory of University of Wisconsin Garden Facts is available at the University of Wisconsin-Extension Horticulture website: wihort.uwex.edu