

Forest Health Links

General

<https://www.fs.usda.gov/science-technology/forest-health-protection/publications-reports/forest-insect-disease-leaflets>

<https://www.aphis.usda.gov/plant-pests-diseases>

<https://www.michigan.gov/dnr/managing-resources/forestry/health>

<https://www.forestpests.org/>

<https://forestpathology.org/>

01 – Aphid

https://www.canr.msu.edu/ipm/uploads/files/WoodyLandscape_PDFs/InsectsandMites_Aphids.pdf

https://www.maine.gov/dacf/mfs/forest_health/insects/aphids.htm

<https://www.forestpests.org/nursery/aphids.html>

02 – Asian Longhorn Beetle

<https://www.michigan.gov/invasives/id-report/insects/asian-longhorned-beetle>

<https://www.aphis.usda.gov/plant-pests-diseases/alb>

03 – Beech Bark Disease

<https://www.fs.usda.gov/foresthealth/docs/fidls/FIDL-75-BeechBarkDisease.pdf>

<https://www.michigan.gov/invasives/id-report/disease/beech-bark-disease>

04 – Black Knot

https://www.canr.msu.edu/news/controlling_black_knot_in_michigan

<https://extension.umn.edu/plant-diseases/black-knot>

05 – Butt or Heart Rot

<https://www.fs.usda.gov/science-technology/forest-health-protection/publications-reports/forest-insect-disease-leaflets>

<https://forestpathology.org/general/wood-decay/>

06 - Canker

<https://forestpathology.org/canker/>

<https://www.fs.usda.gov/science-technology/forest-health-protection/publications-reports/forest-insect-disease-leaflets>

07 – Chemical Damage

<https://extension.umd.edu/resource/herbicide-damage-trees-and-shrubs/>

<https://forestpathology.org/abiotic/herbicide-damage/>

08 – Cicada

<https://extension.illinois.edu/blogs/garden-scoop/2024-09-16-how-identify-cicada-damage-trees>

<https://blog.davey.com/do-cicadas-damage-or-eat-trees/>

<https://insects.ummz.lsa.umich.edu/fauna/>

09 – Climatic Injury (snow, wind, frost, drought, hail)

https://www.canr.msu.edu/news/which_storm_damaged_trees_can_be_saved

<https://www.purdue.edu/fnr/extension/trees-stressed-due-to-drought/>

<https://forestpathology.org/abiotic/frost-winter-injury/>

<https://forestpathology.org/abiotic/wind-water/>

10 – Damping Off

<https://hort.extension.wisc.edu/articles/damping/>

<https://extension.umn.edu/solve-problem/how-prevent-seedling-damping>

11 – Dutch Elm Disease

https://www.canr.msu.edu/resources/dutch_elm_disease

<https://extension.umn.edu/plant-diseases/dutch-elm-disease>

12 – Eastern Larch Beetle

<https://www.fs.usda.gov/foresthealth/docs/fidls/FIDL-175-EasternLarchBeetle.pdf>

<http://www.misin.msu.edu/facts/detail/?project=misin&id=515&cname=Eastern+larch+beetle>

13 – Emerald Ash Borer

<https://www.michigan.gov/invasives/id-report/insects/emerald-ash-borer>

<https://www.aphis.usda.gov/plant-pests-diseases/eab>

14 – Fir Engraver Beetle

<https://www.fs.usda.gov/foresthealth/docs/fidls/FIDL-13-FirEngraver.pdf>

<https://www.oregon.gov/ODF/Documents/ForestBenefits/FirEngraverBeetle.pdf>

15 – Fire Damage

<https://tfsweb.tamu.edu/wildfire-and-other-disasters/get-help-after-the-fire/tree-recovery-after-wildfire/>

https://www.idl.idaho.gov/wp-content/uploads/sites/2/forestry/forest-health/Tree_survivability_after_fire_IDL.pdf

16 - Hemlock Woolly Adelgid

<https://www.michigan.gov/invasives/id-report/insects/hemlock-woolly-adelgid>

17 – Lightning Damage to Trees

<https://www.aces.edu/blog/topics/forestry/caring-for-lightning-struck-trees/>

<https://lancaster.unl.edu/lightning-strikes-will-my-tree-survive/>

18 – Mechanical Damage to Trees

<https://www.extension.purdue.edu/extmedia/FNR/FNR-492-W.pdf>

19 – Nematode

<https://ipm.ucanr.edu/agriculture/prune/nematodes/#gsc.tab=0>

<https://www.michigan.gov/invasives/id-report/disease/beech-leaf-disease>

<https://www.aphis.usda.gov/plant-pests-diseases/pcn>

20 – Rust

<https://www.fs.usda.gov/science-technology/forest-health-protection/publications-reports/forest-insect-disease-leaflets>

<https://www.aphis.usda.gov/plant-pests-diseases>

<https://forestpathology.org/rusts/>

21 - Sawfly

<https://www.fs.usda.gov/science-technology/forest-health-protection/publications-reports/forest-insect-disease-leaflets>

<https://www.fs.usda.gov/foresthealth/docs/fidls/FIDL-17-JackPineSawfly.pdf>

<https://www.fs.usda.gov/foresthealth/docs/fidls/FIDL-14-RedheadedPineSawfly.pdf>

22 - Scale

<https://www.fs.usda.gov/science-technology/forest-health-protection/publications-reports/forest-insect-disease-leaflets>

23 – Spongy Moth

<https://www.michigan.gov/invasives/id-report/insects/Spongy-moth>

<https://www.aphis.usda.gov/plant-pests-diseases/spongy-moth>

<https://www.fs.usda.gov/foresthealth/docs/fidls/FIDL-162-SpongyMoth.pdf>

24 – Spruce Beetle

<https://www.fs.usda.gov/foresthealth/docs/fidls/FIDL-127-SpruceBeetle.pdf>

25 – Spruce Budworm

<https://www.fs.usda.gov/foresthealth/docs/fidls/FIDL-160-SpruceBudworm.pdf>

26 – Oak Wilt

<https://www.michigan.gov/invasives/id-report/disease/oak-wilt>

27 - Sunscald

<https://forestpathology.org/abiotic/sunburn-sunscald/>

<https://www.uaex.uada.edu/yard-garden/home-landscape/trees/sunscald-on-trees.aspx>

28 – Tent Caterpillar

<https://www.fs.usda.gov/foresthealth/docs/fidls/FIDL-09-ForestTentCaterpillar.pdf>

29 - Wetwood or Slime Flux

<https://forestpathology.org/bacterial-viral-diseases/wetwood/>

<https://www.purdue.edu/fnr/extension/slime-flux-of-trees/>

30 - Wildlife/Livestock Damage

<https://forestpathology.org/abiotic/mechanical-animal-injury/>

https://tfsweb.tamu.edu/wp-content/uploads/2025/03/Tree-Health-Injury_Grazing-Animals.pdf

https://tfsweb.tamu.edu/wp-content/uploads/2025/03/Tree-Health-Injury_Squirrel-and-Other-Small-Animals.pdf