

BROWN SPOT NEEDLE BLIGHT

TREES AT RISK:

- All Pines

IMPORTANT:

- June-July spores spread young needles are most susceptible
- Inspect in August and October for the brown needles on the current year's growth and older needles
- Treat in spring---this is a preventative not a cure---please contact local diagnostician for more information
- Contact your local Diagnostician for extra information and treatment options

WHAT TO LOOK FOR:

- **In May-July (Late Spring - Early Summer)**
 - New growth emerges and part of old growth turns brown and eventually falls off, leaving just the green new growth
 - Black fruiting bodies on dead needles (on the tree and on the ground)
- **July-August (Late Summer)**
 - Reddish brown spots with yellow margins will then turn brown



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- **August-October (Fall)**
 - Brown needles on lower branches
 - Needles turn brown from the tips to the base of the needle

RECOMMENDATIONS:

- Treat in Spring when new growth is about half grown. If in small areas treat the infected trees and the trees immediately surrounding (around 30 ft of infected trees)
- Cut out severely infected trees
- Do not leave debris of fallen needles and clean up stumps and branches can survive as a reservoir for the disease

COMMONLY CONFUSED WITH:

- Lophodermium needlecast
- Pine needle scale
- Winter Injury