

# SWISS NEEDLECAST

## TREES AT RISK:

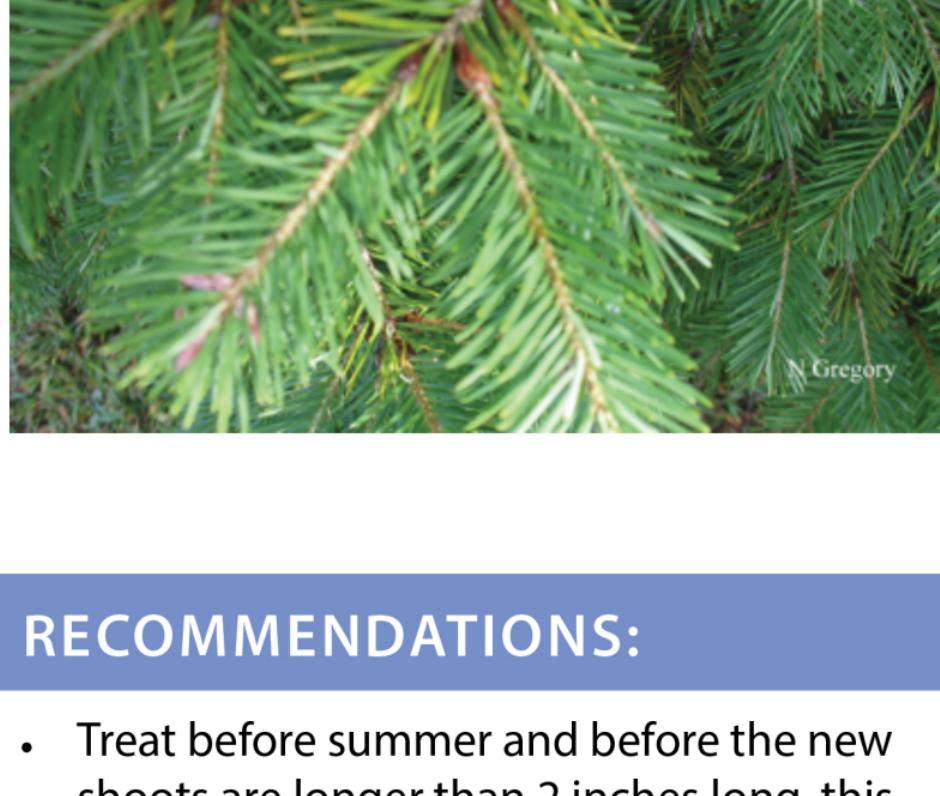
- Douglas-Fir

### IMPORTANT:

- The spores are airborne and infects new growth during wet weather
- Inspect before the new bud break of the 2-3 year old needles

## WHAT TO LOOK FOR:

- In March-May and September-November (or spring and fall)
  - There will be a fuzzy row of black fruiting bodies on the underside of the green and yellow needles, in stomata's (openings on leaves).
- In July – August (or Summer)
  - There will be yellow-brown needles on the 2-3 year old needles (back portion of the branch), this is most noticeable on the lower branches. The needles will fall off later in winter



N Gregory

## RECOMMENDATIONS:

- Treat before summer and before the new shoots are longer than 2 inches long, this is a preventative not a “cure”.
- Ask an expert for best treatment options
- Inspect new trees and plant trees from pacific coast became of disease resistance
- Remove and burn infected branches and severely infected trees
- Always disinfect tools between prunings

## COMMONLY CONFUSED WITH:

- Pine needle scale
- Rhabdocline needlecast