



# Engelmann spruce

(*Picea engelmannii*)

## Legend

- Stressed in Current Range
- New Range Expansion (75-06)
- Historic (50-74 Range)

Maps prepared by Oregon State University  
NASA Project: NNX09AR59G.  
"Predicting Current and Future Outbreaks  
of Insects and Disease on Native Tree  
Species in the Pacific Northwest with a  
Physiologically-based Model"  
Contact: Dr. Richard Waring  
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