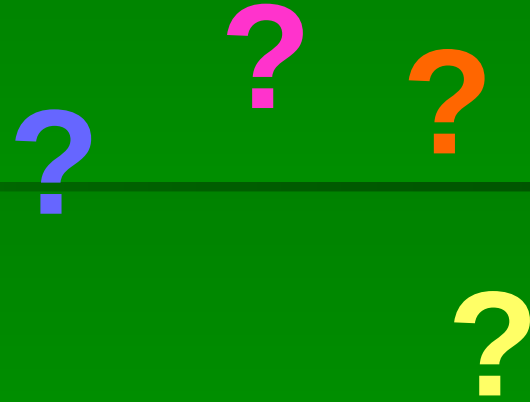


Why Epidemics Occur?



- 1 - Natural caused damage
- 2 - Man caused damage

Why Epidemics Occur?

? ? ?

1 - Natural caused damage

Drought Affected

Trees

Overmature Forest

Windthrow

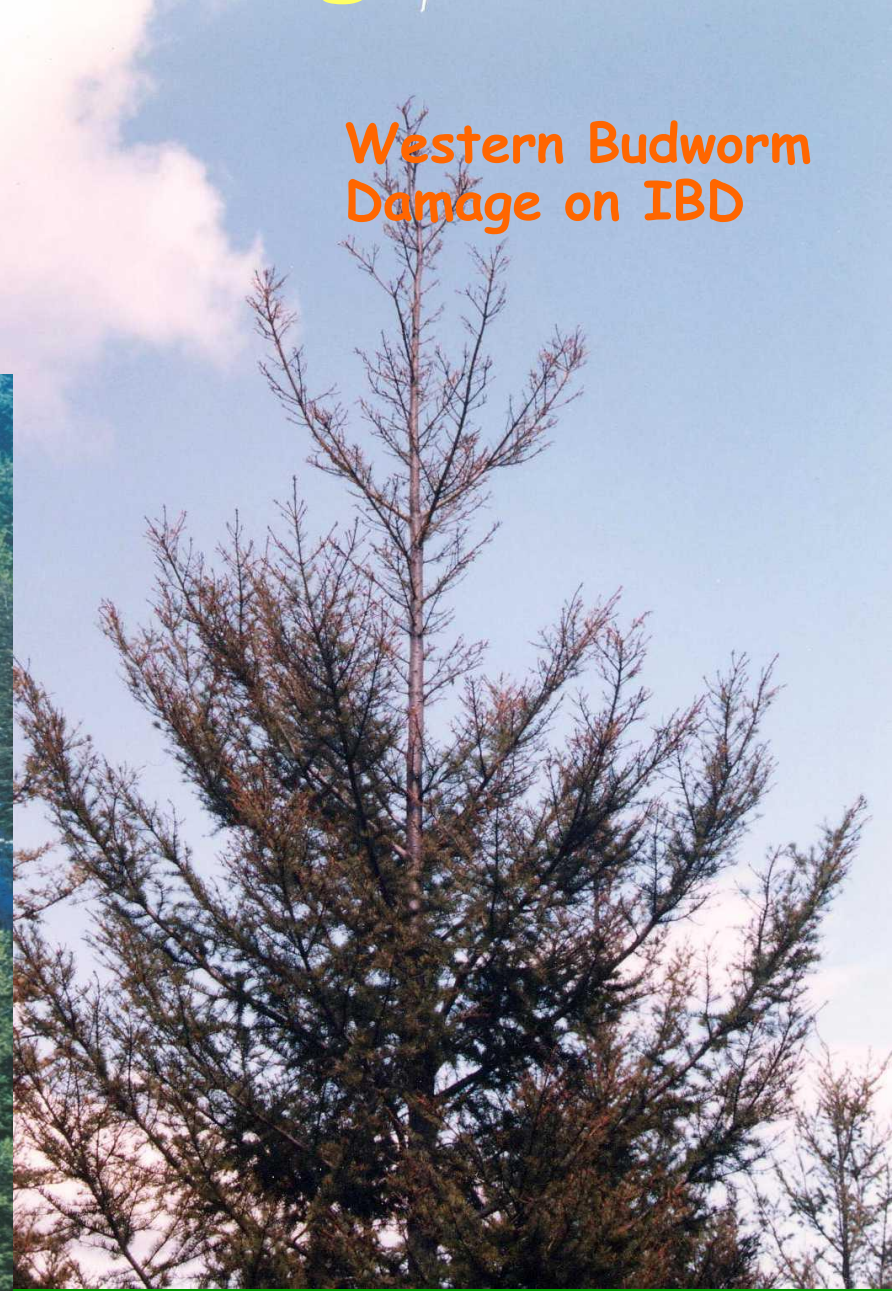
Other Natural Damage

- 1 - Wind shake/broken tops
- 2 - Wildfire: Fire Damage
3. - Lightning strikes



Insect & Disease Damage

Western Budworm
Damage on IBD



Armillaria Root Disease &
Douglas-fir Beetle



Man-made Damage

Recent Slash & Log Decks

- 1 - abandoned log decks
- 2 - large debris (green or with beetles)
- 3 - unburned cull piles



Right of Way Cuts/Roads

- 1 - damaged/buried roots
- 2 - large debris
- 3 - windthrow
- 4 - high stumps
- 5 - basal scars
- 6 - unburned debris piles
- 7 - abandoned log decks
- 8 - pushed over trees
- 9 - water stress
- 10 - Salt damage

