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# Relative Tolerance of Selected Tree Species to Air Pollution Injury

## OZONE (O<sub>3</sub>)

### Susceptible

Austrian Pine  
Scots Pine  
Eastern White Pine  
Eastern Hemlock  
Eastern Larch  
Pitch Pine  
Green Ash  
White Ash  
European Mountain Ash  
Honey Locust (thornless)  
Pin Oak  
Scarlet Oak  
White Oak  
Hybrid Poplar  
Tulip Poplar  
American Redbud  
Sweetgum  
Sycamore

### Resistant

Arborvitae  
Douglas Fir  
Balsam Fir  
White Fir  
Red Pine  
Colorado Blue Spruce  
Norway Spruce  
White Spruce  
European White Birch  
Littleleaf Linden  
Norway Maple  
Sugar Maple  
English Oak  
Red Oak  
Gray Dogwood

## SULFUR DIOXIDE (SO<sub>2</sub>)

### Susceptible

Apple  
Birch  
Catalpa  
American Elm  
Larch  
Mulberry  
Pear  
Eastern White Pine  
Ponderosa Pine  
Lombardy Poplar

### Intermediate

Douglas Fir  
Elm  
Linden  
Poplar

### Resistant

Arborvitae  
Boxelder  
Juniper  
Maple

Compiled from *Air Pollution Damage, Trees*. USDA (1973) and Sinclair and Lyons (1989).

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