

**Tolerances of several tree species
found in Oregon**

SPECIES	Characteristics:				Tolerance of:**				
	Max life span (yrs)	Annual height growth*	Mature height avg/max	Silvics known	Shade	Animal browse	Wet Soil	Drou-ght	Frost
Conifers									
Douglas-fir	1000	3-4	250/385	a lot	2	2	2	2-3	4
Sitka spruce	800	3-4	200/286	some	4	5	4	1	2
W. hemlock	500	3-4	175/250	well	5	4	3	1	1
W. redcedar	1000	2-3	190/250	some	5	1	4	1	2
Grand fir	200	3-4	160/250	little	4	4	3	2	3
Noble fir	250	2-3	200/260	some	3	4	2	2	2
Ponderosa pine	500	2-3	165/230	well	1	4	4	5	5
Incense-cedar	500	1-2	100/180	little	2	3	2	5	3
Hardwoods									
Red alder	120	3-4	120	some	1	2	4	1	2
Bigleaf maple	250+	2-3	100	little	4	1	4	3	5
Oregon ash	250	1-3	90	little	3	2	5	2	5
Cottonwood	80	6-12	170	some	1	1	5	1	5
Or. white oak	500	0-.5	80	none	1	4	4	5	5
Chinkapin	500	1-3	130	none	3	5	3	4	5
Madrone	250	1-2	130	little	2	5	2	5	3
Bitter cherry	50	2	50	none	1	?	2	2	3

* Height growth in feet per year during good growing conditions.

** Tolerances range from 1=not tolerant, 5=tolerant.