

Large Tree (over 40')  
Evergreen

Map #25

*Douglasfir*  
(*Pseudotsuga menziesii*)  
Family: *Pinaceae*



**Leaves:** evergreen needles, often appear to be two ranked; flattened with a blunt tip, soft, 1-1 ½" long, dark green above, 2 white stomatal lines below.

**Buds:** ¼ - ½ " long, conical and pointed, shiny brown.

**Stems:** light green when young, changing to gray or brown; may be very finely pubescent.

**Bark:** very thick with reddish brown ridges.

**Flowers:** monoecious, males oblong, orange red, axillary; females oblong, rosy red.

**Fruit:** cones, pendulous, 2-4" long, light brown when mature, with 3 pointed bract extending beyond the scales.

**Habit:** Formal, narrow pyramidal in youth becoming broadly cylindrical in age with a flat-topped crown; the upper branches tend to ascend, while the lower branches remain horizontal

**Culture:** Requires a soil with adequate moisture. Full sun to partial shade. Performs badly on open windy sites. An exceptional tree when sited properly. The Douglas fir performs best in slightly acidic, well drained soils where there is an abundance of soil and atmospheric moisture, but is quite drought-resistant.

**Cultivars:** '*Fastigiata*' - very upright and narrow.

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