

**Common Name:** Lodgepole Pine

**Scientific Name:** *Pinus contorta*

**Sun Exposure:** Full sun to part shade

**Average Size:** Mature trees can reach 60– 80 ft. tall and 28-24 in. in diameter

**Moisture:** Prefer moist soils, but can tolerate a wide range of conditions

**Elevation:** Wide range from low to mid-elevations (0-6,000 feet)

**Soils:** Can tolerate a wide range of soils but prefers moist, medium textured soils derived from granitic, shale or coarse-grained lava parent materials.

**Shape:** Known for its long, slender trunk and high, thin crown.

**Foliage:** Coniferous—needles in bundles of two, varying in color between yellow-green and dark green. They average 2 inches in length and are usually twisted.

**Flower:** Both male and female cones are found on the same tree, but are separate. The male cones are in large, orange-red clusters. The seed cones (female cones), are yellow-brown in color, average about 1 ½ inches in length.

**Fruit:** Small, thin-shelled seeds, about 1/16 inch in length with terminal wings ½ inch long. Cones require heat to melt resin and release seeds, or fire kills the tree and prevents water from reaching the cones.

**Notes:**

- Native Americans used the straight and slender poles to support their lodges and tepees
- Very dependent on fire as a mode of replacing itself.



Lodgepole Pine