

Botanical Name: Pinus radiata

Common Name: Monterey pine

Type of Plant: conifer: tree Character evergreen

Habit of Growth:

Overall Shape an erect, single-trunked tree (occasionally dividing into
2-3 leaders near base); mostly pyramidal in youth, becoming irregular with age,
with lower branches spreading; considerable variation in form of the plant

Height 40'-80'(100') Spread 1/2-1/3 Growth Rate rapid

Environment:

Exposure outdoors full or partial sun

Soil well-draining sandy loam is preferred;

Hardiness some frost (zones 5-7, 14-24): thrives in mild humid coast

Morphology:

Leaves needles, 3 per fascicle (occasionally 2); 3"-7" long,
bright green, rather slender; mostly straight

Flowers staminate cones are 1-1 1/2" long, drop off each summer;
the pistillate cones persist

Fruit female cone: lopsided, persistent on branch for yrs.

Propagation: seed

Usage: very widely used pine, valued for large vertical accent,
suitable for fast-growing groves or background screens; can be trained as a
large bonsai; grown commercially as a Christmas tree

Landscape Care:

Watering an occasional deep soak; not as drought-tolerant as other
native pine species

Fertilizing little is needed after established

Pruning none is required, but can be easily shaped by pruning

Pests/Diseases spider mite, engraver beetles, pitch canker

Special Conditions blows over in high winds; susceptible to many diseases

Origin: California coastal mtns. Family: Pinaceae