

- Plant Characteristics: In youth symmetrical pyramid of soft, pleasant appearance, in middleage and in the older trees the crown is composed of several horizontal and ascending branches.
- Size: Height: 50–80'

Width: 20-40'

- Foliage: Needles are in fives and remaining two years. Needles are 2-4" long and are soft and pliable. The color is light to bluish green.
- Flower: Monoecious. No ornamental value.
- <u>Fruit</u>:: Cones are 3—6' long by 1 1/2' broad, resinous and light brown. Takes two years for cone to mature.
- <u>Soil:</u> Prefers moist, well-drained, slightly acidic soil

- <u>Tolerances:</u> Intolerant of air pollutants and salts. Cold tolerant.
- <u>USDA Hardiness Zone:</u> Zone 3—7
- <u>Light Range:</u> Full sun performs best and tolerates partial shade
- pH Range: 5.6 6.8 pH
- Other:
 - easily transplanted
 - Wide spreading and moderately deep root system with only a vestige of a taproot
 - best growth on fertile, moist, well-drained soils
 - fast rate of growth
 - large evergreen tree that may serve as a