

Thuja orientalis

(Arborvitae)

Oriental arborvitae is an evergreen large shrub or small tree with a dense conical shape. The leaves are scale like and it has a distinct grooved pattern on the back. The leaves has a lemony smell when scratches. The fruit is fleshy blue-green in color when developing later on horn-like. The bark is shredding. It tolerates most of the conditions except wet soil and heat. Best in full sun. Used as a specimen, hedge or screen.



Plant Image

Landscape Information

- French Name: Thuya de Chine
- Arabic Name: تويا
- Pronunciation: THOO-yuh or-ee-en-TAY-liss
- Plant Type: Tree
- Origin: China, Japan
- Heat Zones: 1, 2, 3, 4, 5, 6, 7
- Hardiness Zones: 3, 4, 5, 6, 7
- Uses: Screen, Hedge, Specimen, Mass Planting
- Size/Shape
- Growth Rate: Moderate
- Tree Shape: oval
- Canopy Symmetry: Symmetrical
- Canopy Density: Dense
- Canopy Texture: Coarse
- Height at Maturity: 5 to 8 m
- Spread at Maturity: 3 to 5 meters
- Time to Ultimate Height: 20 to 50 Years

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Leaf Image

Botanical Description

Foliage

Leaf Arrangement: Whorled

Leaf Venation: Nearly Invisible

Leaf Persistence: Evergreen

Leaf Type: Simple

Leaf Blade: Less than 5

Leaf Shape: Scale

Leaf Margins: Entire

Leaf Textures: Coarse

Leaf Scent: Pleasant

Color(growing season): Green

Color(changing season): Green

Flower

Flower Showiness: False

Flower Sexuality: Monoecious (Bisexual)

Trunk

Trunk Susceptibility to Breakage: Generally resists breakage

Number of Trunks: Multi-Trunked

Trunk Esthetic Values: Showy

Fruit

Fruit Type: Cones

Fruit Showiness: True

Fruit Size Range: 1.5 - 3

Fruit Colors: Green

Seasons: Fall, Winter

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Fruit Image

Horticulture Management

Tolerance

Frost Tolerant: Yes

Heat Tolerant: No

Drought Tolerant: No

Salt Tolerance: Poor

Requirements

Soil Requirements: Clay, Loam, Sand

Soil Ph Requirements: Acidic, Neutral

Water Requirements: Moderate

Light Requirements: Full

Management

Toxity: No

Invasive Potential: No

Susceptibility to Pests and Diseases: No

Pruning Requirement: No pruning at all

Fruit/ Leaves/ Flowers litter: No

Surface Rooting: No

Life Span: 25-50 years

Edible Parts: None

Pests: Mites

Plant Propagations: Seed, Cutting

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Bark Image



Other Image