

Elaeagnus angustifolia

(Russian-Olive, Oleaster)

This thorny tree transplants well but susceptibility to canker diseases and verticillium wilt make it undesirable for large scale landscape plantings, particularly in the moist, eastern climate. But used as an occasional accent, the tree attracts attention due to the color of the foliage. It is commonly planted in the drier parts of the country and performs well due to drought tolerance and drier soil. Although often short-lived, it can add color to the landscape and can be planted due to extreme tolerance to tough sites and poor soils.



Plant Image

Landscape Information

Pronunciation: eel-ee-AG-nus an-gus-tih-FOLE-ee-uh
Plant Type: Tree
Origin: Germany
Heat Zones: 1, 2, 3, 4, 5, 6, 7, 8
Hardiness Zones: 3, 4, 5, 6, 7, 8
Uses: Screen, Hedge, Specimen, Erosion control, Pollution Tolerant / Urban, Reclamation
Size/Shape
Growth Rate: Fast
Tree Shape: oval, Spreading
Canopy Symmetry: Irregular
Canopy Density: Open
Canopy Texture: Fine
Height at Maturity: 3 to 5 m
Spread at Maturity: 3 to 5 meters
Time to Ultimate Height: 5 to 10 Years

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Flower Image

Botanical Description

Foliage

Leaf Arrangement: Alternate

Leaf Venation: Pinnate

Leaf Persistence: Deciduous

Leaf Type: Simple

Leaf Blade: Less than 5

Leaf Shape: Oblong

Leaf Margins: Entire

Leaf Scent: No Fragrance

Color(growing season): Silver

Color(changing season): Brown

Flower

Flower Showiness: False

Flower Size Range: 0 - 1.5

Flower Sexuality: Diecious (Monosexual)

Flower Scent: Pleasant

Flower Color: White

Seasons: Spring

Trunk

Trunk Has Crownshaft: False

Trunk Susceptibility to Breakage: Generally resists breakage

Number of Trunks: Multi-Trunked

Trunk Esthetic Values: Not Showy

Fruit

Fruit Type: Berry

Fruit Showiness: True

Fruit Size Range: 3 - 7

Fruit Colors: Yellow

Seasons: Spring

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Leaf Image

Horticulture Management

Tolerance

Frost Tolerant: Yes

Heat Tolerant: No

Drought Tolerant: Yes

Salt Tolerance: Good

Requirements

Soil Requirements: Loam, Sand

Soil Ph Requirements: Acidic, Alkaline

Water Requirements: High

Light Requirements: Full

Management

Toxity: No

Invasive Potential: Yes

Susceptibility to Pests and Diseases: Yes

Pruning Requirement: Little needed, to develop a strong structure

Fruit/ Leaves/ Flowers litter: Yes

Surface Rooting: No

Life Span: Less than 25

Diseases: Leaf Spots, Canker, Rusts, Wilts, Fungus

Edible Parts: Fruit

Plant Propagations: Cutting

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Fruit Image



Bark Image



Other Image