

Corylus colurna

(Turkish filbert, Turkish hazel)

Corylus colurna is a deciduous tree native to Southeastern Europe, Asia Minor, Western Asia. It has a unique huge pyramidal shape it has a thick short trunk under the huge horizontal dense branches. It has a fairly moderate to slow growth rate. This tree is highly valued by landscape architects. The leaves are dark green and turn pale yellow before they fall. It has can be used as specimen or shade. It is also pollution tolerant and can be planted in urban context, but litter will be an issue in this case.



Plant Image

Landscape Information

French Name: Noisetier de Byzance

Arabic Name: بندق تركي

Pronunciation: KORE-ih-lus koh-LUR-nuh

Plant Type: Tree

Origin: Southeastern Europe, Asia Minor, Western Asia

Heat Zones: 4, 5, 6, 7

Hardiness Zones: 5, 6, 7

Uses: Specimen, Shade, Pollution Tolerant / Urban

Size/Shape

Growth Rate: Moderate

Tree Shape: Pyramidal, oval

Canopy Symmetry: Symmetrical

Canopy Density: Dense

Canopy Texture: Medium

Height at Maturity: 8 to 15 m

Spread at Maturity: 8 to 10 meters

Time to Ultimate Height: 10 to 20 Years

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Flower Image

Botanical Description

Foliage

Leaf Arrangement: Alternate

Leaf Venation: Pinnate

Leaf Persistence: Deciduous

Leaf Type: Simple

Leaf Blade: 10 - 20

Leaf Shape: Obovate

Leaf Margins: Double Serrate

Leaf Textures: Smooth

Leaf Scent: No Fragrance

Color(growing season): Green

Color(changing season): Yellow

Flower

Flower Showiness: False

Flower Size Range: 3 - 7

Flower Type: Catkin

Flower Sexuality: Monoecious (Bisexual)

Flower Scent: No Fragrance

Flower Color: Green, Yellow

Seasons: Spring

Trunk

Trunk Has Crownshaft: False

Trunk Susceptibility to Breakage: Generally resists breakage

Number of Trunks: Single Trunk

Trunk Esthetic Values: Showy

Fruit

Fruit Type: Nut

Fruit Showiness: True

Fruit Size Range: 3 - 7

Fruit Colors: Green, Brown

Seasons: Spring

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Leaf Image

Horticulture Management

Tolerance

Frost Tolerant: Yes

Heat Tolerant: No

Drought Tolerant: Yes

Salt Tolerance: Poor

Requirements

Soil Requirements: Clay, Loam, Sand

Soil Ph Requirements: Acidic, Neutral, Alkaline

Water Requirements: Moderate

Light Requirements: Full, Part

Management

Invasive Potential: No

Susceptibility to Pests and Diseases: No

Pruning Requirement: Little needed, to develop a strong structure

Fruit/ Leaves/ Flowers litter: Yes

Surface Rooting: No

Life Span: More than 50

Diseases: Generally disease free

Edible Parts: Fruit

Pests: Generally pest free

Plant Propagations: Seed, Cutting

MORE IMAGES



Fruit Image



Bark Image



Other Image