

Malus domestica

(Apple)

Apple has been cultivated for thousands of years. In the spring the tree produces fragrant pink, purple flower and gives an amazing landscape view. In the fall it rewards you with edible apple fruit. The fruit varies a lot of colors, texture and flavor. The tree needs full sun and well drained soil. For best fruit production, trees must be vigorously pruned and maintained. Apples are subjected to many diseases which can be controlled by choosing different varieties resistant to pest and funguses. Most apple are grafted to a strong and vigorous rootstock.



Plant Image

Landscape Information

French Name: Pommier domestique

Arabic Name: تفاح

Pronunciation: MAY-lus doh-MESS-tik-a

Plant Type: Tree

Origin: Europe, Siberia

Heat Zones: 1, 2, 3, 4, 5, 6, 7, 8, 9

Hardiness Zones: 3, 4, 5, 6, 7, 8

Uses: Espalier, Specimen, Edible, Wildlife

Size/Shape

Growth Rate: Moderate

Tree Shape: Round

Canopy Symmetry: Symmetrical

Canopy Density: Medium

Canopy Texture: Medium

Height at Maturity: 5 to 8 m

Spread at Maturity: 5 to 8 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: 5 - 10 cm

Leaf Shape: Oval

Leaf Margins: Serrulate, Crenate, Serrate

Leaf Textures: Glossy

Leaf Scent: No Fragrance

Color(growing season): Green

Color(changing season): Yellow

Flower

Flower Showiness: True

Flower Size Range: 1.5 - 3

Flower Type: Raceme

Flower Sexuality: Monoecious (Bisexual)

Flower Scent: Pleasant

Flower Color: Purple, Pink

Seasons: Spring

Trunk

Trunk Susceptibility to Breakage: Generally resists breakage

Number of Trunks: Single Trunk

Trunk Esthetic Values: Fissured

Fruit

Fruit Type: Pome

Fruit Showiness: True

Fruit Size Range: 7 - 10

Fruit Colors: Green, Yellow, Red

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

Water Requirements: Moderate, Low

Light Requirements: Full

Management

Toxity: No

Invasive Potential: No

Susceptibility to Pests and Diseases: Yes

Pruning Requirement: Needed, to develop a strong structure

Fruit/ Leaves/ Flowers litter: Yes

Surface Rooting: No

Life Span: More than 50

Diseases: Powdery Mildew, Leaf Spots, Canker, Blights, Rusts, Scab, Botrytis

Edible Parts: Fruit

Pests: Thrips, Aphids

Plant Propagations: Grafting

MORE IMAGES



Fruit Image



Bark Image



Other Image