

## 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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(Apple)



Flower Image

## Botanical Description

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### 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

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### 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

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### Trunk

**Trunk Susceptibility to Breakage:** Generally resists breakage

**Number of Trunks:** Single Trunk

**Trunk Esthetic Values:** Fissured

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### 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

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### Tolerance

**Frost Tolerant:** Yes

**Heat Tolerant:** No

**Drought Tolerant:** Yes

**Salt Tolerance:** Poor

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### Requirements

**Soil Requirements:** Clay, Loam, Sand

**Soil Ph Requirements:** Acidic, Neutral

**Water Requirements:** Moderate, Low

**Light Requirements:** Full

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### 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

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## MORE IMAGES



Fruit Image



Bark Image



Other Image