

## Gardenia jasminoides

### (Gardenia, Cape-Jasmine)

Gardenia is an evergreen shrub with glossy dark green leaves and its well known for its waxy white extremely fragrant flowers. Although Gardenia tolerates wide variety of soils it needs acid soil with high organic matter content. If not the leaves will turn yellow and the plant will look unhealthy. The gardenia needs yearly frequent fertilizer. Does best in part shade or part sun. Require pruning after blooming as the flowers appears on the previous year shoots. Problems include powdery mildew, leaf spots, dieback, anthracnose, sooty mold, whiteflies, mealy bugs, scales, aphids and spider mites. These insects are often serious pest. It can be used best as container plants, where the soil can be managed easily. Other way of usage could be border plant or specimen.



Plant Image

#### Landscape Information

**French Name:** Gardénia majestueux. Jasmin du Cap

**Pronunciation:** gar-DEEN-ee-uh jass-min-OY-deez

**Plant Type:** Shrub

**Origin:** China, Japan, Taiwan

**Heat Zones:** 8, 9, 10, 11, 12

**Hardiness Zones:** 8, 9, 10

**Uses:** Bonsai, Specimen, Mass Planting, Container, Cut Flowers / Arrangements

#### Size/Shape

**Growth Rate:** Moderate

**Tree Shape:** Round

**Canopy Symmetry:** Symmetrical

**Canopy Density:** Dense

**Canopy Texture:** Medium

**Height at Maturity:** 1.5 to 3 m

**Spread at Maturity:** 1.5 to 3 meters

**Time to Ultimate Height:** 5 to 10 Years

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Flower Image

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### Botanical Description

#### Foliage

**Leaf Arrangement:** Opposite

**Leaf Venation:** Brachidodrome

**Leaf Persistence:** Evergreen

**Leaf Type:** Simple

**Leaf Blade:** 10 - 20

**Leaf Shape:** Ovate

**Leaf Margins:** Entire

**Leaf Textures:** Waxy

**Leaf Scent:** No Fragrance

**Color(growing season):** Green

**Color(changing season):** Green

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#### Flower

**Flower Showiness:** True

**Flower Size Range:** 3 - 7

**Flower Type:** Solitary

**Flower Sexuality:** Monoecious (Bisexual)

**Flower Scent:** Pleasant

**Flower Color:** White

**Seasons:** Spring, Winter

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#### Trunk

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

**Number of Trunks:** Multi-Trunked

**Trunk Esthetic Values:** Not Showy

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#### Fruit

**Fruit Type:** Capsule

**Fruit Showiness:** False

**Fruit Size Range:** 1.5 - 3

**Fruit Colors:** Orange

**Seasons:** Spring, Winter

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Leaf Image

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**Horticulture Management**

**Tolerance**

**Frost Tolerant:** No

**Heat Tolerant:** Yes

**Drought Tolerant:** No

**Salt Tolerance:** Poor

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**Requirements**

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

**Soil Ph Requirements:** Acidic

**Water Requirements:** Moderate

**Light Requirements:** Part

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**Management**

**Invasive Potential:** No

**Susceptibility to Pests and Diseases:** No

**Pruning Requirement:** Needed, to develop a strong structure

**Fruit/ Leaves/ Flowers litter:** No

**Surface Rooting:** No

**Life Span:** 25-50 years

**Diseases:** Powdery Mildew

**Edible Parts:** None

**Pests:** Mites, Scales, Whitefly, Aphids

**Plant Propagations:** Grafting

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## MORE IMAGES



Fruit Image



Other Image