

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

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

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

Trunk

Trunk Susceptibility to Breakage: Generally resists breakage

Number of Trunks: Multi-Trunked

Trunk Esthetic Values: Not Showy

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

Horticulture Management

Tolerance

Frost Tolerant: No

Heat Tolerant: Yes

Drought Tolerant: No

Salt Tolerance: Poor

Requirements

Soil Requirements: Clay, Loam, Sand

Soil Ph Requirements: Acidic

Water Requirements: Moderate

Light Requirements: Part

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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Fruit Image



Other Image