

Gardenia Augusta

(*Gardenia jasminoides*)

Propagation

Not Applicable.

Growing On to Finish

Media

Use a well-drained, disease-free, soilless media with a pH of 5.5 to 6.2 and a medium initial nutrient charge (EC 0.75 mmhos/cm).

Temperature

Nights: 60 to 64°F or warmer (16 to 18°C)

Days: 66 to 90°F or warmer (19 to 30°C)

Light

Maintain light levels as high as possible while maintaining temperature. Grow gardenias in bright light, but some shade may be needed to maintain moderate temperatures.

Irrigation

Allow the media to dry slightly between waterings. Overwatering results in less upright plants.

Fertilizer

Fertilize at a constant feed, 20-10-20 at 150 ppm. Maintain medium electrical conductivity around 1.0 mmhos/cm (using 1:2 extraction).

Pinching

Gardenias should be pinched at least twice, possibly a third time to promote branching.

Spacing

Can grow pot tight when initially planted. Should be spaced if growing to larger size

Common Problems

Problem: Bud drop

Cause: Low light, dry soil or over watering; Sudden temp change

Problem: Tip burn - vein terminals discolor, then die

Cause: Uneven moisture

Insects: Aphids, Thrips, Spider mites, Whitefly, Mealy bugs, Scale, Nematodes

Diseases: Chlorosis, Stem canker, Mold

Crop Scheduling

Total crop time to flower: Moderate growth rate. Rate is similar to other Gardenia cultivars.

Container Size

1-gallon (18-cm) pot: 1 plant per pot

Liners available from Ball Ornamentals exclusive supplier network.

NOTE: Growers should use the information presented here as a starting point. Crop times will vary depending on the climate, location, time of year and greenhouse environmental conditions. Chemical and PGR recommendations are only guidelines. It is the responsibility of the applicator to read and follow all the current label directions for the specific chemical being used in accordance with all regulations.