



Cultural Requirements - *Dendrobium capituliflorum*

Dendrobium capituliflorum, also known as the White Bottle-Brush Orchid, is a species within the *Dendrobium* genus that is native to the Pacific islands and thriving in diverse habitats ranging from coastal areas to ridge tops, river ravines, and rain forests, at elevations up to 2800 ft. This orchid is a compact epiphyte or lithophyte, growing up to 9.5 inches tall, characterized by spindle-shaped pseudobulbs and lanceolate leaves. Its unique flowering pattern produces small green and white flowers clustered in ball-like inflorescences during winter through mid-spring, with distinct greenish features including the lip and anther chamber cover.



Light: Maintain 1,200-2,000 foot candles.

Temperature: Average day temperature is 88-93°F, the night 68-73°F, giving a daily difference of 16-22°F.

Humidity: 75-80% year-round.

Watering: Moderate throughout the year, with increased watering in the 4-5 months of summer and early autumn. Allow slight drying between waterings in autumn, reducing water gradually.

Fertilizer: Feed weekly or bi-weekly with 1/4-1/2 dose of balanced orchid fertilizer.

Rest period: Maintain consistent temperatures year-round. In winter, allow slightly longer drying between watering, reducing fertilization until spring when watering increases.

Potting: Grow mounted on tree-fern or cork with high humidity, watering daily in summer. When potted, use shallow containers with fast-draining substrate, repotting when new roots emerge.

References: *American Orchid Society via aos.org*