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How to grow beautiful orchids indoors or in greenhouses

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Location.

- Orchids do well in an east- or west-facing window where they can have part-day sun and a half-day rest. South-facing windows with more than half-day sun are usually too intensive. North-facing windows usually do not provide enough solar input for full-fledged blooming.
- If the temperature of your indoor location will drop below 60°F for more than a few hours then place an automated heat mat under the pot that will warm it to the 60°F-70°F range.
- Orchids sold for indoor use usually do not tolerate sustained air temperatures below 45°F or above 100°F.



Media. In our experience, orchids do best when placed in kiln dried 1/4 inch conifer bark, typically sold as "orchid bark". A western manufacturer of this media is Sequoia Forest Products.

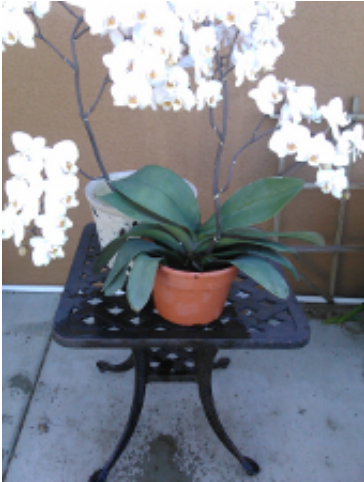


Containers. Place your orchid and media in a plastic pot with plenty of drainage holes at the bottom. Then place this *inner* pot in a solid ceramic pot with no drainage. Ideally, the inner pot is about 2 inches shorter than the outer pot *and* has a rim that fits just inside the outer pot - providing a gap at the bottom of the inner pot for drainage.



Watering.

- Water your plant once per week with non-alkaline water. Dope the water with a small amount of fertilizer to offset lack of nutrients or impurities in the water supply.
- Fill the inner-outer pot combination entirely with the water+nutrient solution. Let it sit for 1 hour. Afterwards let the inner pot drain (perhaps outdoors) to the point of steady dripping. Pour excess water out of the outer pot and put the inner pot back inside it, placing the plant back in the same location and direction in the house.
- If temperatures in the home are exceeding 90°F on a daily basis, then increase watering frequency to perhaps every 5 days.
- If temperatures in the home are cool (below 65°F) during daytime hours on a daily basis, then decrease watering frequency to about 10 days.



Feeding.

Product	Dosage	Frequency
Grow More Premium Urea Free 20-10-20 Orchid Food	1/8 tsp per half gallon, or 1/4 teaspoon per gallon, or 1/4 Lb per 100 gallons (yields about 60 ppm Nitrogen)	Each watering, as described above.
Grow More Jumpstart Hormone Supplement	1 drop per half or full gallon, or 100 ml per 100 gallons	Each watering.
Grow More Hawaiian Bud and Bloom 5-50-17	1/8 tsp per half gallon, or 1/4 teaspoon per gallon, or 1/4 Lb per 100 gallons	Apply each watering prior or during bloom cycle. Stop when flowers begin to open or 3 months have passed -- whichever comes first. After use, wait at least 3 months before resuming.