

Fact sheet of culture of Phalaenopsis Or Allied Genera: Doritis, Kingidium

Phalaenopsis are the most common orchids in the trade and perfectly adapt to our homes. In front of a window or in a greenhouse, if the plant pleases, it can bloom regularly throughout the year

LIGHT :

Plants must be exposed close to a window to be added during the summer to maintain a brightness between 10,000 and 20,000 Lux but it easily accepts to descend to 7,000 lux if you increase the duration of the lighting (artificial light)

TEMPERATURE :

Ideal temperatures range from 18°C at night to 28°C at day extremes of 13°C and 40°C but below 16°C and above 32°C growth is almost nil.

WATERING :

The Phalaenopsis does not store water so its roots must always be moist, the watering will be done by dipping or watering as soon as the substrate dewatering (The frequency depends on the seasons) however, this substrate should never be sogged.

Always ensure that leaves do not stay damp at night to avoid fungal attacks and never water in the heart of the plant at risk of seeing it die in the days that follow.

HUMIDITY :

The humidity must be maintained between 50 and 80%, but in high values it is important to have a correct ventilation in order to avoid mould. In apartments, the moisture content can be artificially increased by using an absorbent substrate (sphagnum for example) or by placing the plants on a bed of clay beads.

FERTILIZER :

Phalaenopsis likes a regular but low-dose fertilizer intake, use a professional fertilizer for orchids or a commercial conventional fertilizer with doses divided by 4

SUBSTRATE :

The most common is the pine bark, however it can be added with draining elements for better water retention (vermiculite, pearlite, etc.) depending on your growing conditions. The sphagnum provides a very important water reservoir and is therefore very suitable for young plants and relatively dry environments. Repotting will be done at the first signs of degradation of the substrate and will be the opportunity to eliminate roots that are dead.