

-18- GROWING TOLUMNIA ORCHIDS

Tolumnia Lighting

Optimal light conditions for plant growth include bright, diffused lighting between Phalaenopsis and Cattleyas requirements. Healthy plants reluctant to bloom may need more light, but exposure should be increased gradually to prevent burning.

- In greenhouses, aim for about **64,500 lumens** (or **6,000 foot-candles**).

For indoors, position plants in east, south, or west-facing windows for at least **2 hours to a full day of sunlight**.



Tolumnia Temperature

Temperature Tolerance Guidelines for This Group:

- Thrives in cool to hot temperatures:
 - **Nighttime:** 55°F to 60°F (13°C–16°C)
 - **Daytime:** 70°F to 100°F (21°C–38°C)
- Comfortable at room temperature; minimal day-night temperature change is acceptable.

High daytime temperatures are fine, but nighttime cooling is essential, and watering should be increased.

Tolumnia Humidity

Maintaining Optimal Humidity Levels

Humidity plays a crucial role and should ideally be maintained between **50% to 70%**. If conditions become too damp or humidity exceeds **75%**, it's essential to ensure proper airflow.

Tolumnia Watering

Temperature tolerance for this group is as follows:

- **Nighttime:** 55°F to 60°F (13°C–16°C)
- **Daytime:** 70°F to 100°F (21°C–38°C)

They thrive indoors at room temperature, and consistent day-night temperatures are manageable. High temperatures are acceptable, but nighttime cooling and increased watering are essential for care.