GETTING YOUR PHALS TO SPIKE BASED ON SUBGENUS AND SECTION

Phalaenopsis Blooming Guide
Some like it hot, others need it cool, and a few need long daylight hours

SUBGENUS
Polychilos
Generally Warm Temps
Induce Spiking

(25°C +)
Equatorial Asian Islands - Sumatra, Kalimantan, Malaysia, Indonesia, etc
Low-Land (0-1,000m)
General Temp: 23-33°C
Humidity: 80-95%

*Intermediate (brighter light) year round
*Keep moist between waterings
/avoid “hard drying” of roots

SUBGENUS
Fuscatae
Generally Cool Temps
Induce Spiking

(Cornu-cervi, lamelligera, mannii, pantherina, thalebani)

This section tend to grow closer to 1,000m and require seasonal drying
*Day temps down to ~17°C
*Night temps also cool ~15°C
*More flowers; cooler until spikes are 8” or longer
*Brighter light in winter
*Should dry out lightly between waterings; dryer in winter when temps are lower

SUBGENUS
Amboinenses
Generally Cool Temps
Induce Spiking

(Ambilis, aphrodite, philippinensis, sanderiana, schilleriana, stuartiana)

*Care Varies by Species

SUBGENUS
Zebrinae
Generally Cool Temps
Induce Spiking

(Bastiani, corningiana, inscriptiosinensis, mariae, maculata, pulchra, speciosa, sumatrana, tetrapsis)

*Care Varies by Species

SUBGENUS
Phalaenopsis
More Northern distribution
(Seasonal variation/cooler winter)
Low-Intermediate Land (0-1,500m)
General Temp: 20-27°C
Humidity: 70-90%

*Care Varies by Species

High-Land (2,000m)
General Temp: 10-20°C
Humidity: 70-80%

*Care Varies by Species

SUBGENUS
Stauroglottis
Cool/Cold Growers
(13-15°C minimum required)

*Greater blooming in winter

High-Land (2,000m)
General Temp: 10-20°C
Humidity: 70-80%

*Care Varies by Species

PARISHIANAE
Hygrochilus
(Thailandica)

*Day temps down to ~17°C

*Should dry out lightly between waterings; dryer in winter when temps are lower

*Care Varies by Species

SUBGENUS
Parishianae
Miniatures
(high variability in habitat)

*Care Varies by Species

Sources
http://www.ranwild.org/Phalaenopsis/module/flowerlist/Etopframe.html
http://www.aos.org/orchids/additional-resources/phalaenopsis-the-genus.aspx
https://orchidrepublic.com/blogs/about-orchids/phalaenopsis-orchid
https://www.phals.net/ClassPhal.html

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Phalaenopsis
Generally Cool Temps
Induce Spiking

(13-15°C minimum required)

*Greater blooming in winter

*Care Varies by Species

Hygrochilus
(hygrochilus, japonica, marriottiana, tsii, subparishii)

*Greater blooming in winter

*Care Varies by Species

Ornithochilus
(diffornis)

*Greater blooming in winter

*Care Varies by Species

Phalaenopsis The Genus

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*Care Varies by Species

Ornithochilus
(TSII)

*Greater blooming in winter

*Care Varies by Species

Ornithochilus
(subparishii)

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Phalaenopsis The Genus

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