

SPATHIPHYLLUM

Dave's Tips



PLANT NAME: SPATHIPHYLLUM

PRODUCT FORM: LINERS/CELL PACKS

Spathiphyllum - Is a tropical shade plant from the araceae family. It is a great indoor foliage plant that will produce white flowers that will last 30 days+.

These plants require plenty of water and shade. Good spacing is necessary for good full plant growth. Minimum temperatures for rapid growth would be 68°F and above during the night.

HARDINESS ZONE(S): 11-12

LIGHT LEVELS: Typically the plants are produced in 70% to 80% shade conditions or light levels of 1,200 to 1,800 foot candles. 14 hours of active day length will produce the most rapid growth and flowers.

FERTILIZER: Nitrate based fertilizers are best, 20 20 20 or 20 10 20 ratios are adequate. It is important to constant feed the crop with .7 to .9 EC levels in the soil. Calcium and Magnesium are very important for even growth. Flowers can be induced by Gibberellic Acid (GA3) - concentrations and timing of treatments depend on the variety, pot size, growth rate and the season.

DISEASES: Phytophthora, Pythium, and Cylindrocladium can cause rotten leaves, roots and base rot. Bad plants should be immediately removed. Appropriate chemical treatments can be applied. Good water management with ample air flow is best to help control issues.

POTENTIAL PESTS: Thrips (especially when flowering), and cut worms should be monitored and treatments applied.



Growth Rates

PXF CP 72 liners to finished flowering Pots (approximate times but vary based on location conditions).

- 4" = 20 Wks
- 5" = 24 Wks
- 6" = 26 wks
- 8" = 8 months
- 10" = 10 months

Product Uses

- Interior
- 4-14" pots depending on variety

SOIL MIXTURE

A light well drained and airy soil mixture is required. pH of 5.3 is best but a range of 5.0 to 6.0 is suitable.

WATER

Spathiphyllum require a lot of water. It is best to irrigate between 6:00AM and 12:00PM. If the application is questionable in the winter, it is advisable to wait one extra day. In the the summer do on the same day.

HUMIDITY

70% to 75% humidity in the day is ideal and up to 85% at night is allowable. It is important to keep the climate active (HAF Fans). It is equally important to make certain that the foliage is not wet through the night.

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