



Hypoestes Confetti Compact

Crop	Hypoestes
Series	Confetti Compact
Botanical name	<i>Hypoestes phyllostachya</i>
Plant type	Annual
Seed type	Raw
Seed count	900 seeds / gr
Germination	20°C - 7 days light favored
Growing	18-21°C
Optimum pH	5.8-6.2

Plug Culture: 5 weeks (288 cell tray)

Stage 1 (days 1-3) Single sow seed into a plug tray filled with well-drained media with slightly fertilized. Apply a light cover of medium vermiculite to maintain sufficient humidity. Optimum germination temperature is 20°C. If using a germination chamber, remove trays at radicle emergence to avoid stretched seedlings.

Stage 2 (days 4-14) After germination is complete, place the seedlings in a bright greenhouse with good air circulation. Fertilize at 75 ppm nitrogen using a well-balanced calcium nitrate based formulation. Optimum temperature is 18-20°C. To promote rapid development, provide 16 hour photoperiod.

Stage 3 (days 15-28) The new leaves are beginning to form. Apply 100-150 ppm of nitrogen as needed.

Stage 4 (days 29-35) The seedlings are approaching transplant stage. Reduce fertilizer and moisture levels to tone the seedlings and prepare them for potting.

Transplanting to finish: 5 weeks (48 cell tray)

Media: Select a well-drained media with a pH between 5.8 and 6.2.

Temperature: Optimum growing temperature is 18-21°C.

Lighting: Avoid strong light as this will cause leaf curl and delayed development. Supplemental lighting, especially during the short days of winter and early spring, will enhance growth and reduce crop time.

Fertilizer: Alternating between 15-5-15 calcium / magnesium and 20-10-20 at 150- 200 ppm nitrogen works well.

Plant growth regulators: Chlormequat is effective. If needed, regulation may begin when the plants have 2 pairs of true leaves. Higher rates are recommended for warm and humid conditions. During cooler weather, use the lower rate. Chlormequat also helps to intensify the leaf color.

Pests: aphids and whitefly may occasionally be a problem; especially under warmer temperatures.

Disease: No major pests or diseases.

Crop Schedule:

10 cm pot (multiple plus): 11-12 weeks

10 cm pot (*multiple sowing): 10-11weeks

* Multiple sowing: One sow 5-7 seeds directly into a 10 cm pot.

Characteristics:

Height: 10 cm

Width: 15 cm.

All information given is intended for general guidance only and may have to be adjusted to meet individual needs. Cultural details are based on Asian conditions such as in Japan and Sakata cannot be held responsible for any crop damage related to the information given herein. Always follow manufacturer's label instructions. Testing a few plants prior to treating the entire crop is best.