



Million Kisses®

is the most •

vigorous trailing begonia

NEW Million Kisses Devotion

Million Kisses Series Begonia (*Begonia boliviensis*)

Bred to be the most vigorous on the market, Million Kisses is easy to grow with better branching and early, large blooms.

The entire series — including Elegance, Romance and **New** Devotion — makes a brilliant display. All make perfect presentations for early, high-impact sales at retail.

Million Kisses varieties can be grown alongside its yellow, double-bloom counterpart, Sherbet Bon Bon. Both are available as rooted or unrooted cuttings exclusively through Ball.

Ball®



BEGONIA 
Begonia boliviensis

Million Kisses® Series

Height: 10 to 12 in. (25 to 30 cm)

Spread: 30 to 36 in. (75 to 90 cm)

Trailing Length: 24 in. (60 cm)

In areas with low humidity, partial to full shade is recommended.

Culture

GROWING ON TO FINISH

Media

- A pH of 5.8 to 6.2 is optimum.
- Million Kisses begonia prefers a well-drained soil.

Temperature

Night: 55 to 60°F (13 to 16°C)

Day: 65 to 75°F (18 to 24°C)

- Crop can be finished cooler in final weeks of production; maintain temps above 55°F (13°C).

Light

- Million Kisses begonia should be grown under moderate light levels; 3,000 to 4,000 f.c. (30,000 to 40,000 Lux) is the ideal range.
- Plants may scorch under high light and high temperatures. Longer days promote flowering.
- Schedule crops to finish under long days (more than 13 hours).
- Crops produced under short days (less than 12 hours) will result in small plants and poor flowering.

Watering

- The media should be allowed to dry between waterings.
- Water stress can be used for growth control, however, periods of sustained wilting should be avoided.
- Excess water will result in unwanted stretch and disease.

Fertilizer

- Use a constant liquid feed program of 200 to 300 ppm.
- Regular leaching with clear water will help to reduce buildup of excess salts in media.

Pinching

- Million Kisses begonia should be pinched 7 to 14 days after transplant to encourage basal branching
- Additional pinching can be done as needed.
- A 4-in. (10-cm) crop can be produced without a pinch in finished production, provided it received a pinch in propagation or at transplant.

Controlling Growth

- Maintain recommended temperatures and light levels to avoid stretch.
- Excessive moisture in media will encourage unwanted stretch.
- Water management is an excellent tool in producing high-quality Million Kisses begonia.
- Chemical plant growth regulators are generally not needed. Million Kisses begonia is responsive to B-Nine and B-Nine/Cycocel tank mix for finished production in smaller containers. Begin applications 7 days after transplant.
- These recommendations for plant growth regulators should be used only as general guidelines. Growers must trial all chemicals under their particular conditions.

Common Problems

Insects: Whitefly, spider mites

All Million Kisses begonia cuttings are derived from culture and virus-indexed stock.



Problems

Causes

Plant collapse

Stem canker (*Botrytis*)
Plants grown in saturated media for extended periods of time (*Pythium*)

Poor branching and thin plants

Low fertilization during early stages of growth; low light; production under short days (less than 12 hours)

Million Kisses Begonia Crop Schedule & Uses

	4-In. (10-Cm) Pot 1 ppp*	6 to 8-In. (15 to 20-Cm) Pots 1 to 2 ppp*	10 to 12-In. (25 to 30-Cm) Pots 2 to 3 ppp*
Rooted cuttings	5-7 weeks	6-8 weeks	8-11 weeks

*ppp: Plants per pot or basket

Note: Growers should use the information presented here as a starting point. Crop times will vary depending on the climate, location, time of year and greenhouse environmental conditions. Chemical and PGR recommendations are only guidelines. It is the responsibility of the applicator to read and follow all the current label directions for the specific chemical being used in accordance with all regulations.

Order & info at 800 879-BALL or ballhort.com

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