

# Bella® Lavender

## Propagation

- Choose a well-drained medium with an EC of 0.75 to 0.80 mmhos and a pH of 5.9 to 6.2.
- Stick cuttings within 12 to 24 hours of arrival. Cuttings can be stored overnight, if necessary, at 45 to 50°F (7 to 10°C).
- Soil temperature should be maintained at 70 to 75°F (21 to 24°C) until roots are visible.
- A rooting hormone can be applied to promote early, uniform rooting.
- Lavender prefers high humidity over mist. Keep under low mist or place cuttings under a tent and mist periodically each hour for 7 to 10 days to maintain turgidity. Avoid over-application of mist.
- Begin fertilization with 50 to 75 ppm N when roots become visible.
- During root development maintain moderate moisture levels in the soil. Avoid saturation of media.
- **Bella** Lavender can be pinched after roots have been established. Be sure to leave 4 or 5 active internodes.
- **Bella** Lavender rooted cuttings should be ready for transplanting 42 to 56 days after sticking.

## Growing On to Finish

### Media

- Use media with good aeration and drainage.
- Like most Lavender, the **Bella** series prefers a medium that will dry regularly between watering.
- A pH of 5.9 to 6.2 is optimum.

### Temperature

- Nights: 55 to 65°F (13 to 18°C)
- Days: 65 to 75°F (18 to 24°C)
- Temperatures below those recommended will slow plant growth significantly.
- An average daily temperature of 70°F (21°C) is optimal, but plants will tolerate a wide range of warm temperatures.
- **Bella** Lavender does not require a cold treatment for flowering.

## Light

- **Bella** Lavender will perform best under moderate to high light levels of 5,000 to 8,000 f.c. (50,000 to 80,000 Lux).
- Plants grown under long days (>16 hr day lengths) will generally flower more uniformly.

## Watering

- The media should be allowed to dry regularly between watering and never saturated. However, plants should not be allowed to wilt at anytime.
- Leach regularly to avoid the buildup of high soluble salt levels.

## Fertilizer

- Use a balanced fertilizer at a rate of 50 to 75 ppm. Periodic use of a calcium based fertilizer should help optimize the nutrient levels in **Bella** Lavender.

## Pinching

- **Bella** Lavender should be pinched once for smaller pot sizes, and twice for larger containers. Pinch as soon as the plants are well-rooted. Pinching will maximize branching and create a more full plant.

## Controlling Growth

- Under most conditions, **Bella** Lavender will not require growth regulator treatments.
- **Bella** Lavender is responsive to B-Nine at 1,500 to 4,000 ppm if needed.
- 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:** Thrips, whitefly, aphids, fungus gnats.

**Diseases:** **Bella** Lavender is relatively disease free.

*Thielaviopsis*, *Pythium*, and *Rhizoctonia* can result from over watering.

All **Bella** Lavender cuttings are derived from culture and virus-indexed stock from the **Ball Certified Plants®** program.

Problems	Causes
<b>Plant collapse</b>	Plants grown in saturated media for extended periods of time ( <i>Pythium</i> , <i>Thielaviopsis</i> ) Rooted cuttings transplanted too deeply
<b>Excessive vegetative growth and lack of flowers</b>	Excessive ammonium-based fertilizer Over-fertilization under low light conditions Low light and over-watering; saturated media
<b>Yellowing of young foliage</b>	Saturated media
<b>Foliage necrosis</b>	High soluble salts in media Excessive water stress
<b>Poor branching and thin plants</b>	Low fertilization during early stages of growth Low light conditions

### Bella Lavender Crop Schedule & Uses

(Crop Schedule in Weeks)

	<b>4-In. (10-Cm) Pot 1 PP*</b>	<b>6-In. (15-Cm) Pots 1-3 PP*</b>	<b>10-12-In. (25-30-Cm) Pots 3-5 PP*</b>
<b>Unrooted cutting</b>	12-15	14-16	15-17
<b>Rooted cutting</b>	7-10	9-11	10-12

\*PP: 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.

Visit **Ball FloraPlant.com** today to check out the complete line of terrific products from Ball FloraPlant.



In North America, Ball FloraPlant products are distributed exclusively by Ball Seed Co., Ball Superior and ColorLink.  
800 879-BALL Fax: 800 234-0370 [ballseed.com](http://ballseed.com)

™ denotes a trademark of and ® denotes a registered trademark of Ball Horticultural Company in the US. It may also be registered in other countries.

© 2006 Ball Horticultural Company Printed In USA BFP06084 12/05