

# Coco™ Lavender

*Lavandula stoechas*

## 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. Increase to 100 ppm N as roots develop.
- During root development maintain moderate moisture levels in the soil. Avoid saturation of media.
- **Coco** Lavender can be pinched after roots have been established. Be sure to leave 4 or 5 active internodes.
- **Coco** Lavender rooted cuttings should be ready for transplanting 28 to 35 days after sticking.

## Growing On to Finish

### Media

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

### Temperature

- Nights: 62 to 68°F (17 to 20°C)
- Days: 65 to 75°F (18 to 24°C)
- Temperatures below those recommended will slow plant growth significantly.
- An average daily temperature of 75°F (24°C) is optimal, but plants will tolerate a wide range of warm temperatures.
- **Coco** Lavender does not require a cold treatment for flowering.

## Light

- **Coco** 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 (greater than 16-hr. daylengths) 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 100 to 150 ppm. Periodic use of a calcium-based fertilizer should help optimize the nutrient levels in **Coco** Lavender.

## Pinching

**Coco** 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 fuller plant.

## Controlling Growth

- Under most conditions, **Coco** Lavender will not require growth regulator treatments.
- **Coco** 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:** **Coco** Lavender is relatively disease-free.

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

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

<b>Problems</b>	<b>Causes</b>
<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

## Coco 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.

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