

ANNUAL
PROPAGATION

LOBELIA BELLA

Lobelia erinus



TRAY & ROOTING

Form	Vegetative Cutting (URC)
Rooting Hormone?	No
Tray Size	72, 84, 105
Plants Per Cell	1
Days In Mist	8-12
Wks. From Stick To Transplant	3-4
Propagation Pinch?	Yes
Weeks To Pinch	3

FERTILITY

Fertilize Through Mist?	None
Fertilizer Rate	50-100ppm N
EC Range	Low: (0.8-2.0 mS via SME)
pH Range	5.4-5.8

TEMPERATURE

Average Soil Temp	68-74°F (20-23°C)
Average Air Temp (Day)	75-80°F (24-27°C)
Average Air Temp(Night)	68-72°F (20-22°C)

IRRIGATION

Irrigation Frequency	Level 4: Keep media moderately moist at all times
----------------------	--

LIGHT

Daylength Neutral?	Yes
Supplemental	None
Benefits From Shade?	No

POTENTIAL DISEASES

Pythium, Root Rot

POTENTIAL PESTS

Fungus Gnats, Whiteflies

PGR SUGGESTIONS

- Florel (3.9% Ethephon) 250ppm

CULTIVAR LIST

Azure, Aqua, Bianca, Cielo, Mare, Oceano, Rosa



'Azure'

TIPS

- Cuttings should be stuck upon arrival. However, cuttings can be stored overnight at 45-50°F (7-10°C) if sticking must be delayed.
- Cuttings may require night misting during the first 8 days of propagation. Excess misting leaches nutrients, mist just enough to prevent wilt. Mist frequently at low volumes for short periods of time.
- To improve root establishment, use bottom heat to maintain root zone temperatures between 68-74°F (20-23°C).
- Cuttings should be propagated in a well-drained rooting medium with good aeration. A preventative Oomycete drench is suggested to reduce the incidence of Pythium.
- Use a low ammonium and phosphorus-containing fertilizer at this stage to reduce stretch of liners.

WE'RE HERE TO HELP YOU GROW

Tech.NA@DummenOrange.com
614-850-9551
DummenOrange.com

ANNUAL

FINISHING

LOBELIA BELLA

Lobelia erinus



CONTAINER SIZE	PLANTS PER POT	TRANSPLANT TO FINISH (WEEKS)
----------------	----------------	------------------------------

4 in. (10 cm) and up **1** **7-10**

8 in. (19 cm) **2-3** **7-10**

10 in. (22 cm) **3-5** **8-11**

FERTILITY

Fertilizer Rate **150-200 ppm N**

EC Range **Moderate: (2.0-3.5 mS via SME)**

pH Range **5.6-6.2**

TEMPERATURE

Day Temperature **65-73°F (18-23°C)**

Night Temperature **68-75°F (20-24°C)**

IRRIGATION

Irrigation Frequency **Level 4: Keep media moderately moist at all times**

LIGHT

Daylength Neutral? **Yes**

Optimum Light Level **4,000-8,000 fc (43,100-86,100 lux)**

Supplemental **None**

Benefits From Shade? **No**

PINCHING

Finishing Pinch? **Optional**

Transplant to Pinch (days) **As needed to shape**

POTENTIAL DISEASES

Pythium, Root Rot

POTENTIAL PESTS

Fungus Gnats, Whiteflies

PGR SUGGESTIONS

- Bella Lobelia generally does not require PGR applications. 1 to 2 spray applications of B-Nine (85% Daminozide) at 2,000-4,000 ppm can be used for growth control when needed.



'Oceano'

TIPS

- Although Lobelia should not be allowed to dry-out, overwatering causes poor growth and root diseases. Protective fungicide drenches help to prevent root rot.
- A 3-1-1.5 ratio of N-P-K fertilizers works well. A chelated iron application may be needed to supply additional iron during production.
- Lighting plants (10pm to 2am) from transplant until week 12 will result in faster and earlier flowering. Once buds are visible, long days are not required.
- Grow time ranges in weeks are related to growing conditions; for Southern high-light climates, use the minimum weeks For Northern low-light climates, use the maximum weeks.
- Grow in full sunlight with no shading. Low light reduces flowering and plant quality.
- Plants should be pinched when they are established after transplanting if liners were not pinched. This will encourage basal branching.

WE'RE HERE TO HELP YOU GROW

Tech.NA@DummenOrange.com
614-850-9551

DummenOrange.com

ANNUAL
FEATURES AND BENEFITS
LOBELIA BELLA

Lobelia erinus



KEY INFORMATION

Primary Common Name	Lobelia
Consumer Watering Instructions	Keep soil evenly moist, but not saturated.
Bloom Time	Blooms Spring to Autumn
Exposure	Full Sun to Part Shade
Height	6-12 inches (15-30 cm)
Garden Spacing	8-12 inches (20-30 cm)

DESCRIPTION

A low-growing cool season annual that has a soft wispy texture and a great quantity of blooms. It adds volume to a mixed container or garden space without adding mass. Bella Bianca and Cielo North Texas Winners Circle 2014.

CONSUMER APPEAL

- A customer favorite, our Bella Lobelia boast great flower power plus excellent branching and growth habit.
- Attractive to pollinators. Resistant to deer.
- Through an intensive breeding program, our Bella series has become more heat tolerant than older-type Lobelia. If well-established and kept well-watered, Bella will bloom from spring, through summer, and into autumn.

GARDEN ATTRIBUTES

- Blues, purples, pinks, and platinum's make this a well-rounded series great for hanging baskets, containers, and border landscape plantings.
- Prefers consistently moist soils. Can tolerate clay soils.
- Can overwinter in zones 10-11.

NATIVITY

Southern Africa including Mawi, Nambia, and the Republic of South Africa.



'Rosa'



'Mare'

WE'RE HERE TO HELP YOU GROW

Tech.NA@DummenOrange.com
614-850-9551
DummenOrange.com