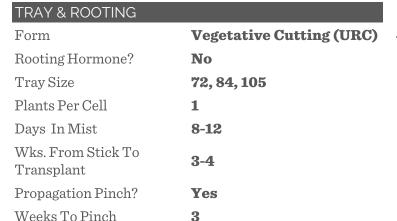
# **PROPAGATION**

# **LOBELIA BELLA**

#### Lobelia erinus



# 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

Average Air Temp (Day)

Average Air Temp(Night)

68-74°F (20-23°C)

75-80°F (24-27°C)

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 phosphoruscontaining fertilizer at this stage to reduce stretch of liners.

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# **FINISHING**

# **LOBELIA BELLA**

Lobelia erinus

CONTAINER SIZE		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		

#### 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 dryout, 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 anges 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.

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# FEATURES AND BENEFITS

# **LOBELIA BELLA**

Lobelia erinus

# KEY INFORMATION

Primary Common Name Lobelia

Consumer Watering Keep soil evenly moist, but

Instructions **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 wellrounded 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'

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