Green Leaf Plants®

Technical Guide

DELPHINIUM elatum

'Dasante Blue'

TRANSPLANT LINERS

Pot Size: 1 gallon (4 litre) with 1 plant per pot.

Media: Porous soil with good drainage.

Vernalization Trials: Vernalization trials are executed by putting cell flats in a cold greenhouse set at 38ºF (3ºC). Fluctuations in temperature occur based on natural day and nighttime temperatures and conditions in Lancaster, PA.

Vernalization Trial Results: Vernalization is not required for flowering.

GROWING ON

Media pH: 5.8 to 6.2 according to PanAmerican Seed.

Media EC: 1.5 to 2.0 mmhos/cm according to PanAmerican.

Moisture: Grow evenly moist. Do not allow plants to wilt.

Fertilizer: Constant liquid feed of 175 ppm nitrogen is sufficient while actively growing, according to PanAmerican.

Supplemental Lighting: Maintain high light levels. HID supplemental lights in early season crops or long days can improve plant habit and hasten finishing, according to PanAmerican.

Temperature: Ideal is 55º to 65ºF (13º to 18ºC) night and 60º to 70ºF (16º to 21ºC) day. According to PanAmerican, these plants can handle night temperatures that dip down into the low 40s (4º-6ºC). Will perform well in a cool poly house with high light levels.

Common Pests: Spider mites, aphids.

Common Diseases: Powdery mildew, Bacterial leaf spot.

Pinching: Not required.

Crop Maintenance: None.

Growth Regulators: According to PanAmerican, plants are responsive to Bonzi (Paclobutrazol) foliar spray at 20 ppm 3 weeks after transplant, and again 2 weeks later.

VARIETY FEATURES

- Compact seed selection featuring true blue flowers with a white bee
- Some purple tones on petal tips and undersides
- First year flowering performance and sturdy stature
- Attracts bees and butterflies

Delphinium 'Dasante Blue'

continued>>>

SCHEDULING RECOMMENDATIONS

In our trials, unvernalized liners were transplanted outdoors, in April Week 16. Plants were beginning to flower Week 26, about 10 weeks after transplant, and flowered well into July.

CONTAINER STATISTICS

Light: Full sun
Height: 36 inches (91 cm)

GARDEN STATISTICS

Light: Full sun
Height: 36 inches (91 cm)
Spread: 14 inches (36 cm)
USDA Hardiness Zone: 3 to 7
AHS Heat Zone: 9 to 4

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