Green Leaf Plants®

# Technical Guide

## *SALVIA nemorosa*

**New Dimension Series**

**'New Dimension Blue'**

**'New Dimension Rose'**

## TRANSPLANT LINERS

**Pot Size:** Quart (1 litre) or 1-gallon (4 litre) pots with one 72-cell liner per pot.

**Media:** Porous soil with good drainage.

**Vernalization Trials:** Vernalization trials are executed by placing cell flats in a cold greenhouse set at 38°F (3°C). Fluctuations in temperature occur based on natural day and nighttime temperatures in Lancaster, PA.

**Vernalization Trial Results:** First-year flowering from seed without vernalization. Will bloom earlier with vernalization. Trials to verify in 2011.

## GROWING ON

**Media pH:** 5.5 to 6.2 according to Kieft.

**Media EC:** 0.8 to 1.3 mS/cm according to Kieft.

**Moisture:** Grow moderately moist.

**Fertilizer:** Recommend fertilizing at 150 ppm nitrogen.

**Supplemental Lighting:** Long days are required for flowering (>14 hours).

**Temperature:** 50° to 59°F (10° to 15°C) night and 60° to 72°F (16° to 22°C) day recommended by Kieft.

**Common Pests:** Spider mites.

**Common Diseases:** Myrothecium, Rhizoctonia.

**Pinching:** Not required.

**Crop Maintenance:** Not required.

**Growth Regulators:** B-Nine (daminozide) spray at 2500 ppm can be used for height control for indoor crops according to Kieft.

## SCHEDULING RECOMMENDATIONS

In our Pennsylvania trials, 72-cell liners were planted outdoors in 8-inch (20 cm) pots in April. According to Kieft, unvernalized plants will bloom

## VARIETY FEATURES

- Two *Salvia nemorosa* matching in habit and timing
- First-year flowering
- Compact varieties suitable for quart (1 litre) or 1-gallon (4 litre) production
- From Kieft-Pro-Seeds

*Salvia* 'New Dimension Blue'

*Salvia* 'New Dimension Rose'

continued>>>

in about 8 to 11 weeks after transplant, with Rose flowering about 1 week earlier than Blue.

## CONTAINER STATISTICS

**Light:** Sun
**Height:** 8 to 10 inches (20 to 25 cm)

## GARDEN STATISTICS

**Light:** Sun
**Height:** 8 to 10 inches (20 to 25 cm)
**Spread:** 6 to 8 inches (15 to 20 cm)
**USDA Hardiness Zone:** 4 to 8
**AHS Heat Zone:** 9 to 3

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