Green Leaf Plants®

Technical Guide

DICENTRA

'Candy Hearts' USPP #14692
'Ivory Hearts' USPP #15599
'Red Fountain' USPP #21269

License for propagation is required.

TRANSPLANT LINERS

Pot Size: Transplant liners into 6-inch (15 cm), quart (2 litre) or 1-gallon (4 litre) pot with one cell per pot.

Media: Porous soil with good drainage.

Vernalization Trials: Vernalization trials are executed by placing cell flats in a cold greenhouse set at 38ºF (3ºC) for 10, 5 and 0 weeks. Fluctuations in temperature occur based on natural day and nighttime temperatures in Lancaster, PA.

Vernalization Trial Results: Vernalization is beneficial but not required. Vernalized liners planted in April flowered in 10 weeks. Unvernalized liners will flower but will not have as many flowers.

GROWING ON

Media pH: Optimum not tested. Standard for 1-gallon (4 litre) pot is 5.5 to 6.5.

Media EC: Optimum not tested. Standard for 1-gallon (4 litre) pot is 1.5 to 3.

Moisture: Keep moderately moist, but not wet.

Fertilizer: While actively growing, plants perform well with a constant liquid feed of 100 to 150 ppm nitrogen.

Supplemental Lighting: Not necessary.
Temperature: If finishing in the greenhouse, heat set at 60ºF (16ºC) night temperature and 65ºF (18ºC) day is sufficient.

Common Pests: None.

Common Diseases: Will not tolerate wet, poor draining soil conditions. Need to keep dry during summer, avoiding high humidity which could lead to crown rot.

Pinching: Not required.

Growth Regulators: Not necessary.

VARIETY FEATURES

- Awesome flower power, spring through summer
- Shorter and more compact than *Dicentra* 'Snowflakes' and *Dicentra eximia*
- *Dicentra* 'Red Fountain' has the best pot performace
- From Walter Blom

Dicentra 'Candy Hearts'

Dicentra 'Ivory Hearts'

continued>>>

SCHEDULING RECOMMENDATIONS

Plant unvernalized liners in fall and establish plant in final sales container before allowing to go dormant. Vernalized pots will begin to flower in April and continue for the whole summer after biggest flush in spring. Watch watering on vernalized material. Do not feed until they begin to break dormancy. Planting unvernalized liners in late winter and spring will also yield flowering plants in about 10 weeks, but best performance is from bulked, vernalized plants.

SPECIAL FEATURES

Awesome flower power on these delightful *Dicentra.* Flower throughout the entire summer after a show-stopping performance in spring. Growth habits are shorter and more compact than *Dicentra* 'Snowflakes' and *Dicentra eximia*; less open and airy. *Dicentra* 'Red Fountain' has the best pot performance. Stems are held high above the foliage.

CONTAINER STATISTICS

Light: Shade to part shade
Flowering Container: 11 to 12 inches (28 to 30 cm)

GARDEN STATISTICS

Light: Shade to part shade
Height: 12 inches (30 cm)
Spread: 8 to 10 inches (20 to 25 cm)
USDA Hardiness Zone: 5 to 8

Dicentra 'Red Fountain'

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