



Burning Hearts



Candy Hearts



Ivory Hearts

## Dicentra Hearts Series

### GENERAL DESCRIPTION

This series features pendent, heart-shaped blossoms on stems arching above feathery, fernlike foliage. Classic shade garden and woodland plants, the fernleaf types tend to bloom longer, tolerating more heat and drought, and go dormant much later. Compact, mounding foliage stays neat and tidy.

- **'Burning Hearts'**—deep red flowers outlined in white; blue gray foliage
- **'Candy Hearts'**—bright rose pink flowers; midgreen leaves
- **'Ivory Hearts'**—ivory white flowers; blue gray leaves

### USES

The varieties in this series make a great early color crop ideal for planting in a cool, moist rockery or the front of a shady border. Continual bloom and attractive foliage gives them an extended sales season that showcases well as a potted specimen or in other container plantings.

### GROWER NOTES

*The following information is based on our own experience with this crop in the Pacific Northwest. Growth will vary based on location, climate, growing medium and cultural practices. As always, where chemical use is involved, read the labels, follow the instructions and practice careful trialing methods.*

- Plant into a very well-drained soilless mix, taking care to plant crown 1/4" higher than soil level.
- For early-flowering crops, plant the prior summer to establish roots and a solid crown (see chart on back).
- Let plants go dormant under natural conditions, then vernalize for nine or more weeks below 40° F.
- Finish plants for week 5–15 under the highest available light, in a well-ventilated greenhouse with day temperatures 55–60° F, nights at 50–55° F.
- When plants are 75% of desired size, provide a negative DIF to hold foliage and bring buds to color.
- If desired, apply B-Nine® or Dazide at 2500 ppm to prevent elongated stems

continued

### PLANT DATA

#### 'Burning Hearts'

- Height: 10"/10"
- Spread: 12"
- Bloom time: Mar–Sep
- USDA Zone: 3(-40°)

#### 'Candy Hearts'

- Height: 12"/12"
- Spread: 12"
- Bloom time: Mar–Sep
- USDA Zone: 3(-40°)

#### 'Ivory Hearts'

- Height: 12"/12"
- Spread: 12"
- Bloom time: May–Sep
- USDA Zone: 3(-40°)

### PATENT INFORMATION

Asexual propagation prohibited

D. 'Burning Hearts': USPPP

D. 'Candy Hearts': USPP #14692

D. 'Ivory Hearts': USPP #15599

**GROWER NOTES continued**

- Provide supplemental lighting to improve plant quality during short-day periods.
- Planting between weeks 5–10 can produce saleable, blooming plants for late spring or summer sales, but it may be more difficult to achieve desired size.
- In brighter climates, provide shade and grow as cool as possible to encourage root development and produce a well-balanced plant.
- Apply a broad-spectrum fungicide drench after transplant for the prevention of crown and root rots; take care to avoid fungicides that damage mycorrhiza.
- Apply a drench of a mycorrhizal fungal protectant, such as RootShield (*Trichoderma harzianum*), 10–14 days after transplant. Hearts grow fonder when wrapped in their symbiotic blanket.
- Fertilize lightly—apply an occasional 200 ppm balanced liquid feed as needed to maintain an electrical conductivity in the 1.5–2.0 range.
- Keep soil lightly moist. Proper watering is critical—too much will encourage root rots; allowing plants to become overly dry may initiate premature dormancy.

Region		Estimated Finish Week					
		5	10	15	20	30	40
Northeast	S t a r t	29	36	38	4	18	22
MidAtlantic		29	36	41	4	18	22
Southeast		38	42	47	6	18	22
Gulf		38	44	49	6	18	22
Midwest		29*	38	41	4	18	22
Upper Midwest	W e e k	23*	36	39	4	18	22
Mountain North		27*	34	39	4	18	22
Mountain South		33*	40	45	6	18	22
Pacific Northwest		29	36	41	4	18	26
Pacific Southwest		38*	42	47	6	18	22

**LEGEND**

- Yellow highlights denote start weeks appropriate for greenhouse production; purple highlights indicate start weeks appropriate for outdoor production with shade.
- Weeks listed indicate estimated start week to finish a gallon container from a *Skagit Gardens* 72-cell plug for the corresponding finish week.
- “Finished” is defined as a product that is well rooted, with an attractive balance between plant mass and pot size.
- \* If start date lands in a period when temperatures are above 85° F day/65° night, grow in a cooled growing structure below 80° day/50° night, or back up the schedules to give plants three weeks of temperatures below 85° day/65° night before going into a “hot” period.