

## DIANTHUS HERITAGE SERIES

### *Dianthus barbatus*



*Dianthus Heritage Crimson*

|                         |   |
|-------------------------|---|
| COLORS AVAILABLE:       | Crimson, Purple , Rose Eye, White   |
| FLOWER/GARDEN SIZE:     | Flowers form dense globe-like clusters 2.5-3.5 inches (6-9 cm) in diameter, 16-20 inches tall in the garden   |
| NOVELTY CHARACTERISTIC: | No vernalization requirement for flowering (blooms first year), day length neutral  |
| MARKET USE:             | Excellent in mass plantings, can be used as a focal plant in the garden, “knee-high” plants with sturdy stems are ideal as a home garden cut flower |

#### CULTURAL RECOMMENDATIONS:


|                        |   |
|------------------------|---|
| CONTAINER SIZE:        |   |
| SOWING:                | Tray size- 288 tray   |
| FINISH CONTAINER:      | cell packs up to 5” pots, multiples in 6” or gallon containers  |
| PLUG STAGE:            |   |
| GERMINATION            | emergence 3-5 days / 70-75 °F / cover seed<br>Provide medium moisture   |
| EC (POUR THRU METHOD): | emergence to cotyledon expansion= 0.5-0.75 mS/cm<br>cotyledon expansion to plug finish= 0.75 mS/cm<br>plug finish= 0.75-1.0 mS/cm |
| PLUG FINISH TIME:      | 5-6 weeks in a 288 tray   |
| FINISHING:             |   |
| TRANSPLANT:            | 30-40 days after sowing   |
| DAYS TO FLOWER:        | 70-85 days  |
| TEMPERATURE:           | 55-65 °F day / 40-55 °F night   |
| EC:                    | 1.5-3.0 mS/cm (pour thru method)  |
| pH:                    | 6.2-6.8   |

COMMON DISEASE/PESTS: Alternaria leaf spot, root rots, Fusarium wilt / thrips, whitefly

#### NOTES:

- Some suggested PGR applications are as follows<sup>1</sup>:
  - a) Bonzi drench (.75-1.0 ppm) applied directly to seed trays following emergence.
  - b) Sumagic drench (1-1.5 ppm) applied 1 week after transplant.

#### REVIEWS/AWARDS:

-  Has been awarded to all Heritage colors.

<sup>1</sup> Trial was completed in the spring in coastal California. Rates are suggested as a starting point. Growers need to adjust rates according to their own growing conditions.

Descriptions, illustrations, photos and disease resistance, etc. are based upon the results obtained under favorable conditions and certain races of pathogens/diseases. Identical results are not guaranteed nor implied for all growing conditions.

Information is based on average data compiled. Physical characteristics, adaptability and disease tolerance may vary under different conditions.