

Dianthus Rockin' F₁ Series

(*Dianthus x barbatus interspecific*)

Perennials Culture (revised 03/16/17)

Rockin' the Garden!

This dynamite RED will keep perennial borders rocking for years to come, thanks to its vivid colour, durable performance and count-on-it overwintering!

Plug crop time: 4 to 6 weeks

Transplant to finish: 8 to 9 weeks

- Rockin' Red opens the door to premium product sales in perennial quart and gallon programs for mid-Spring and the Autumn decorating season.
- Lacy, slightly scented flowers top full and long-lasting plants – this one delivers *lots of plant for the money*, and that's sure to satisfy shoppers.
- Reliably overwinters to USDA Zone 5 (-20°F/-29°C minimum temperatures) to assure multi-year performance.

General Information

| Exposure | Bloom Season | Height | Spread | Spacing |
|------------------|---|-------------------------|-------------------------|-------------------|
| Partial Sun, Sun | Early Spring, Spring, Late Spring, Summer, Autumn, Winter | 18-24 in. (46-61 cm) | 10-12 in. (25-30 cm) | 12 in. (30 cm) |

Germination

| Seed Form | Recommended Plug Size | Seeds/Cell | Plug Crop Weeks | Days to Germinate | Initial Media pH/EC | Cover Seed |
|-----------|-----------------------|------------|-----------------|-------------------|-----------------------------|------------|
| PEL | 288 | 1 | 4-6 | 3-4 | 5.8-6.2 pH 0.75 mmhos/cm | Yes |

Plug Production

| | Stage 1 | Stage 2 | Stage 3 | Stage 4 |
|--------------------|--|--|---|---|
| Moisture | Level 4 | Level 3-4 | Level 2-3 | Level 2-3 |
| Temperature | 64-68°F (18-20°C) | 65-70°F (18-21°C) | 60-65°F (16-18°C) | 55-60°F (13-16°C) |
| Light | Optional | 5-8 mol·m ⁻² ·d ⁻¹ | 8-10 mol·m ⁻² ·d ⁻¹ | 10 mol·m ⁻² ·d ⁻¹ |
| Fertilizer | Less than 100 ppm N - Less than 0.7 EC | | 100 to 175 ppm N - 0.7 to 1.2 EC | 175 to 225 ppm N - 1.2 to 1.5 EC |
| PGR | paclobutrazol/4-6 ppm/Spray | | | |

Vernalization

No

Propagation Key Tips

For forcing info: See Perennials Forcing Guide.

Growing on to Finish

| Growing on Temperature | Target Media pH/EC | Fertilizer | Daylength |
|--|--------------------------------|----------------------------------|----------------------|
| (day) 60-72°F (16-22°C) (night) 50-60°F (10-16°C) | 5.8-6.2 pH 1.5-2.0 mmhos/cm | 175 to 225 ppm N - 1.2 to 1.5 EC | Facultative Long Day |

Daylength Notation

Long day beneficial

Crop Scheduling

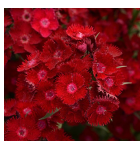
| Crop Type | Container Size | Plants/Pot | Crop Time | Season | PGR |
|-----------|------------------------|------------|--------------|--------|-------------------------------|
| Annual | 4"/4.5"/Quart | 1 (ppp) | 9-10 (weeks) | Spring | paclobutrazol 15-20 ppm Spray |
| Annual | 5"/6"/1 Gallon | 3 (ppp) | 8-9 (weeks) | Autumn | paclobutrazol 15-20 ppm Spray |
| Annual | 5"/6"/1 Gallon | 1-3 (ppp) | 9-10 (weeks) | Spring | paclobutrazol 15-20 ppm Spray |
| Annual | 10" Pot or HB/3 Gallon | 4 (ppp) | 8-9 (weeks) | Autumn | paclobutrazol 15-20 ppm Spray |

Finishing Key Tips

3-4 applications of PGRs are needed to produce in quart or gallon containers.

NOTE: Growers should use the information presented here as a starting point. Crop times will vary depending on the climate, location, time of year, and greenhouse environmental conditions. Chemical and PGR recommendations are only guidelines. It is the responsibility of the applicator to read and follow all the current label directions for the specific chemical being used in accordance with all regulations.

Variety Pictures



Red

PanAmericanSeed™

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