

Dianthus Coronet™ F₁ Series

(*Dianthus chinensis*)

Annuals Culture (revised 06/08/22)

Crowned with huge flower power

These are the biggest blooms of any dianthus of this type, with exceptional flower form and a palette of showstopping colour choices. Coronet adds a regal touch to cool-season landscapes, gardens and patio planters.

Plug crop time: 4 to 6 weeks

Transplant to finish: 6 to 8 weeks

- At 2 to 3 in./5 to 8 cm, Coronet's blooms are larger than the competition, plus it offers uniform flowering time and habit.
- Produces multiple flowers on a compact, mounded plant.
- Gives its best performance in cool weather, making it great planted along with other cool-season annuals such as pansies.

General Information

| Exposure | Bloom Season | Height | Spread | Spacing |
|----------|--|------------------------|------------------------|------------------------|
| Sun | Early Spring, Spring, Late Spring, Summer, Late Summer, Autumn | 8-10 in. (20-25 cm) | 8-10 in. (20-25 cm) | 8-10 in. (20-25 cm) |

Germination

| Seed Form | Recommended Plug Size | Seeds/Cell | Plug Crop Weeks | Days from 50% to maximum germination | Initial Media pH/EC (1:2) | Cover Seed |
|-----------|-----------------------|------------|-----------------|--------------------------------------|-----------------------------|------------|
| PEL | 288 | 1 | 4-6 | 2-4 | 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 | 64-77°F (18-25°C) | 65-73°F (18-23°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) | 100 to 175 ppm N (0.7 to 1.2 EC) |
| PGR | | | paclobutrazol/5 ppm/Spray | |

Growing on to Finish

| Growing on Temperature | Target Media pH/EC (1:2) | 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 |

Crop Scheduling

| Container Size | Plugs/Pot | Crop Time | Season | PGR |
|---------------------|-----------|--------------|-------------|----------------------------|
| Cell Pack | 1 (ppp) | 8-11 (weeks) | Late Spring | paclobutrazol 10 ppm Spray |
| 4"/4.5"/Quart/10 cm | 1 (ppp) | 9-11 (weeks) | Late Spring | paclobutrazol 10 ppm Spray |

Finishing Key Tips

Grows best under high light intensity ($DLI \geq 10 \text{ mol} \cdot \text{m}^{-2} \cdot \text{d}^{-1}$) and cool nights. Under low DLI and shorter daylength, crop time will be delayed by 2-3 weeks. Dianthus Coronet timing is also influenced by temperature. An increase in ADT from 60°F to 67°F decreased flowering time by 3 weeks. Strawberry and White Purple Eye are more compact and can use half the rate or no PGR.

NOTE: Growers should use the information presented here as guidelines only. PanAmerican Seed recommends that growers conduct a trial of products under their own conditions. Crop times will vary depending on the climate, location, time of year, and greenhouse environmental conditions. It is the responsibility of the grower to confirm the treatment is available in their region as well as read and follow all the current label directions relating to the products. Nothing herein shall be deemed a warranty or guaranty by PanAmerican Seed of any products listed herein. PanAmerican Seed's terms and conditions of sale shall apply to all products listed herein.

Variety Pictures



Cherry Red



Purple



Rose



Strawberry



White



White Purple
Eye



Mixture

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