GrowerFacts

PanAmerican Seed®

Dianthus Coronet™ F_1 Series

(Dianthus chinensis)

Annuals Culture (revised 02/20/23)

Dianthus royalty with outstanding 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 an impressive display when planted 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 $mol \cdot m^{-2} \cdot d^{-1}$	8-10 $mol \cdot m^{-2} \cdot d^{-1}$	10 $mol \cdot m^{-2} \cdot d^{-1}$
Fertiliser		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)	Fertiliser	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≥10 mol·m^{-2}·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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