



- All-America Selections Winner & Fleuroselect Quality Mark Winner Corona Cherry Magic dianthus has the largest flowers on the market – 2.5 to 3 in. (6 to 8 cm) across. The eye-catching blooms show a unique mixture of solid cherry, lavender with cherry centers and “tie-dyed” lavender and cherry pattern. These compact and extra-early blooming plants are ideal for pack and small pot production. Hardy to USDA Zone 5 (-30°C).
- Corona Cherry Magic dianthus grow 8 to 10 in. (20 to 25 cm) tall, making these sun-lovers great bedding plants.
- Corona Cherry Magic is available as seed, easy-to-sow pelleted seed and plugs.

## Germination

No supplemental lighting is required. Use a well-drained, disease-free soilless medium with good aeration and water-holding capacity. Cover seed with vermiculite at sowing. Water well, but allow the soil to dry slightly between waterings. It takes about 3 days to germinate.

## Plug Production

### Plug Tray Size

Best produced in 406-cell plug trays.

### Sowing

Use a well-drained, disease-free soilless medium with good aeration and water-holding capacity. Cover seed with vermiculite at sowing. Water well, but allow the soil to dry slightly between waterings. It takes about 3 days to germinate.

### Temperature

Germination: 64 to 68°F (18 to 20°C)

Cotyledon emergence: 65 to 70°F (18 to 21°C) days; 60°F (15°C) nights

True leaf expansion: 60°F (15°C) days; 55°F (13°C) nights

### Light

No supplemental lighting is required.

### Fertilization

Stage 3: Alternate 20-10-20 and 14-0-14 at 50 ppm each week. Maintain EC at 0.75 to 1.0 mmhos/cm, and pH at 5.8 to 6.2.

Stage 4: Same as Stage 3, but increase to 100 ppm.

### Growth Regulators

PGRs are not generally needed, although Corona Cherry Magic dianthus is responsive to Bonzi and B-Nine. An application of Bonzi spray at 6 ppm in early Stage 3 will tone the plugs.

## Growing On to Finish

### Container Size

Corona Cherry Magic dianthus is suitable for production in any pack configuration up to a 4-in. (10-cm) pot. Can be grown pot tight.

## Temperature

Provide 60 to 72°F (15 to 22°C) days and 50 to 60°F (11 to 15°C) nights.

## Fertilization

After plants are established, apply a calcium-based fertilizer or 15-5-15 at 150 ppm, 1 to 2 times per week.

## Growth Regulators

Corona Cherry Magic dianthus is very responsive to growth regulators, like other dianthus. For example, an application of Bonzi spray at 20 ppm can be applied 2 weeks after transplanting and another application of Bonzi spray at 20 ppm may be required 10 to 14 days later. A tank mix of B-Nine at 5,000 ppm and Cycocel at 1,000 ppm spray can also be substituted for the Bonzi spray above for a gentler effect.

## Crop Scheduling

Sow to flower: 10 to 12 weeks

## Cultural Tip

Use a powdery mildew preventative program. Pyrrole and Piperalin can cause phytotoxicity.



## Culture Information

Seed Count: 56680 /oz. 2000 /g.	STAGE 1	STAGE 2	STAGE 3	STAGE 4	Finishing
Crop Time					* see table below
Temp :					
Soil					
Night					
Day					
Moisture					
Light (fc.)					
Cover seed?	No				
Fertilizer :					
Rate (ppm.)					
Form					
Frequency					
Soil PH					
Soil EC (mmhos/cm)					
Plant growth regulators					

Finishing Programs			
Container Size	Season	Plants/Container	Crop Time (weeks)