# GrowerFacts

PanAmericanSeed®

## Gerbera Revolution™ $F_1$ Series

*(Gerbera jamesonii)*

Potted Plants Culture (revised 11/08/23)

**Hit your schedule every time**
Flower timing is synchronized across the colour range in each Revolution series, so your product flows smoothly. No surprises…you grow, pick, pack and ship just as you planned. High uniformity enables a consistent, fully programmable, high-density crop year-round.

**Plug crop time:** 6 to 7 weeks
**Transplant to finish:** 8 to 10 weeks

- When it comes to uniformity of flowering window across a complete colour range, Revolution is the leading standard-size pot gerbera.
- Industry-leading seed quality.
- Better second flush of flowers than the competition assures much longer bloom time for the consumer.
- Best for 5-in./13-cm pots.

**PROGRAM STANDOUTS**
Make sure you include these sure-fire sellers in your Revolution gerbera program!
**Bicolor Red Lemon**
**Bicolor Red White**
**Bicolor Rose White**
**Bicolor Yellow Orange**
**Bright Rose with Light Eye**
**Golden Yellow with Dark Eye**
**Orange with Light Eye**
**NEW Orange with Dark Eye**
**Red with Light Eye**
**Red with Dark Eye**
**White with Light Eye**
**Select Mixture**

## General Information

| Exposure | Bloom Season | Height | Spread | Spacing |
|---|---|---|---|---|
| Partial Sun | Early Spring, Spring, Late Spring, Summer, Late Summer, Autumn, Winter | 4-8 in. (10-20 cm) | 10-12 in. (25-30 cm) | 12-14 in. (30-36 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 |
|---|---|---|---|---|---|---|
| COT | 128 | 1 | 6-7 | 4-7 | 5.5-5.8 pH<br>0.5-0.7 mmhos/cm | Light cover |

## Plug Production

| | Stage 1 | Stage 2 | Stage 3 | Stage 4 |
|---|---|---|---|---|
| **Moisture** | Level 5 | Level 4 | Level 3 | Level 3 |
| **Temperature** | 70-74°F<br>(21-23°C) | 68-70°F<br>(20-21°C) | 68-70°F<br>(20-21°C) | 66-68°F<br>(19-20°C) |
| **Light** | Optional | 6 $mol \cdot m^{-2} \cdot d^{-1}$<br>2,000-2,500 f.c.<br>(21,500-26,900 Lux) | 6-8 $mol \cdot m^{-2} \cdot d^{-1}$<br>2,000-2,500 f.c.<br>(21,500-26,900 Lux) | 6-8 $mol \cdot m^{-2} \cdot d^{-1}$<br>2,000-2,500 f.c.<br>(21,500-26,900 Lux) |
| **Fertiliser** | Less than 100 ppm N<br>(Less than 0.7 EC) | Less than 100 ppm N<br>(Less than 0.7 EC) | 100 to 175 ppm N<br>(0.7 to 1.2 EC) | 100 to 175 ppm N<br>(0.7 to 1.2 EC) |

### Propagation Key Tips

Don't water with cold water. Use water with a temperature at least 60°F/16°C or higher. Watering with cold water will result in deformed leaves and will disturb plant growth. Do not pot too deeply when transplanting, as this may result in Crown Rot. Space plants when the leaves of the plants are touching each other, generally 5 to 6 weeks after transplanting.

## Growing on to Finish

| Growing on Temperature | Target Media pH/EC (1:2) | Fertiliser | Daylength |
|---|---|---|---|
| **(day)** 66-68°F (19-20°C)<br>**(night)** 62-66°F (17-19°C) | 5.5-6.0 pH<br>0.5-1.0 mmhos/cm | 100 to 175 ppm N<br>(0.7 to 1.2 EC) | Facultative Short Day |

## Crop Scheduling

| Container Size | Plugs/Pot | Crop Time | Season | PGR |
|---|---|---|---|---|
| 5"/6"/1 Gallon/15 cm | 1 (ppp) | 9-10 (weeks) | Spring | daminozide 1,000-2,500 ppm Spray |
| 5"/6"/1 Gallon/15 cm | 1 (ppp) | 7-8 (weeks) | Summer | daminozide 1,000-2,500 ppm Spray |
| 5"/6"/1 Gallon/15 cm | 1 (ppp) | 9-10 (weeks) | Autumn | daminozide 1,000-2,500 ppm Spray |
| 5"/6"/1 Gallon/15 cm | 1 (ppp) | 10-11 (weeks) | Winter | daminozide 1,000-2,500 ppm Spray |

### Fertiliser Notation

Reduce nitrogen (N) in fertilizer mix at bud initiation stage until flowering for better plant control.

### Common Problems

Gerbera is very sensitive to Thrips. Zero tolerance is recommended. Also watch for Whiteflies, Leaf Miners, Spider Mites and other insects. It is recommended to start spraying against insects right after transplant.

### Finishing Key Tips

Use 4.5 to 5.5-in. (11 to 14-cm) pots for standard Revolution. Fill pots all the way to a uniform soil level. When transplanting, do not plant too deep, as this may result in Crown Rot. Space plants when leaves are touching, generally 5 to 6 weeks after transplanting. To reduce stretching, use B-Nine/Alar (daminozide) at 1,000 to 2,500 ppm 1 to 2 times with an interval of 9 to 10 days. Stop use after seeing the first flower buds.

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

Bicolor Red Lemon

Bicolor Red White

Bicolor Rose White

Bicolor Yellow Orange

Bright Rose with Light Eye

Deep Orange with Dark Eye

Deep Pink with Light Eye

Golden Yellow with Dark Eye

Orange with Dark Eye

Orange with Light Eye

Pastel Orange

Red with Dark Eye

Red with Light Eye

Salmon Shades with Light Eye

White with Light Eye

Yellow with Light Eye

Bicolor Mixture

Select Mixture

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