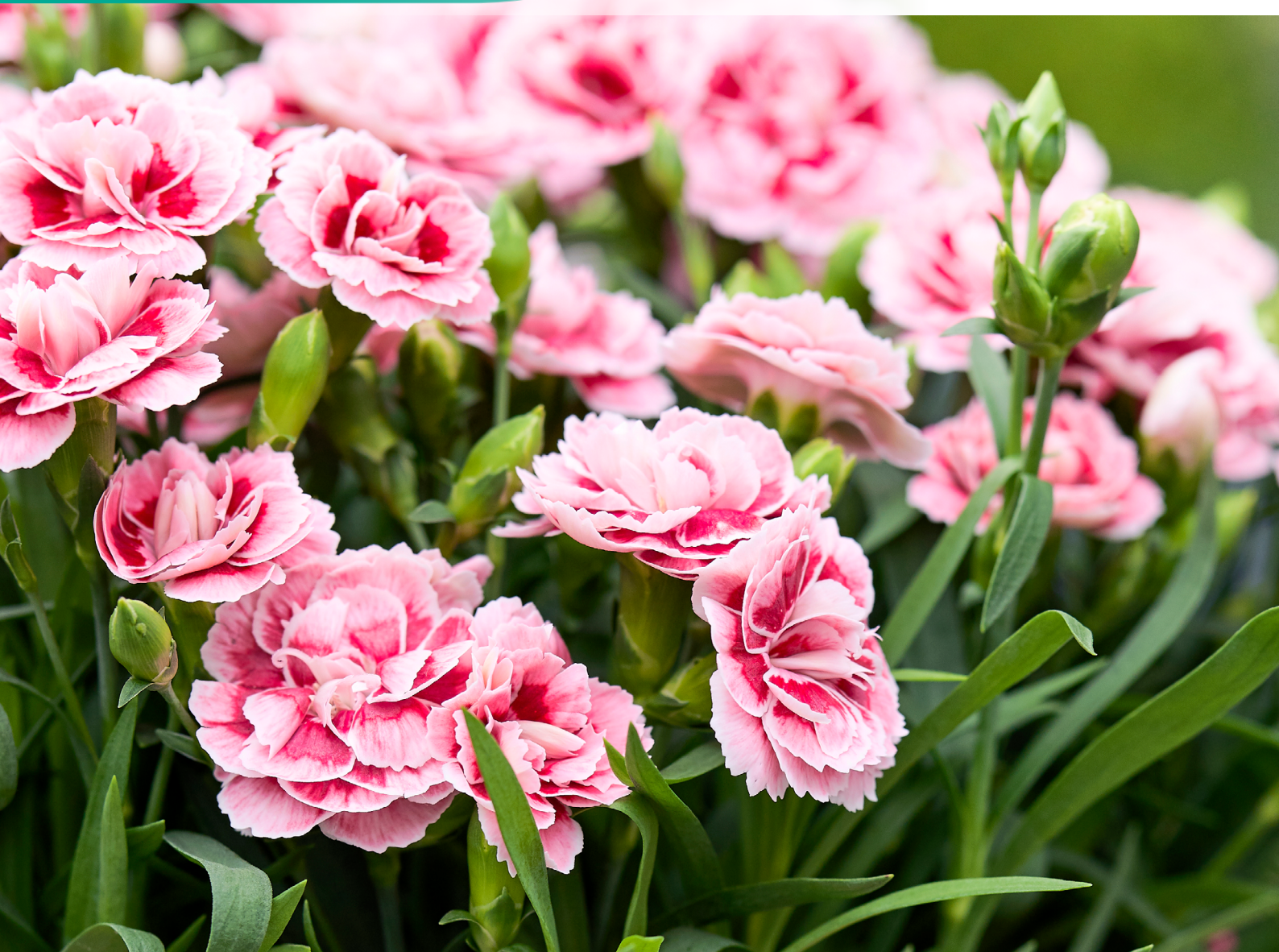


Dianthus

Growing manual

Sunflor



 HilverdaFlorist

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Growing manual

Dianthus

Sunflor® Series

Sunflor



Plant profile

Genus & species Dianthus x hybrida
Family Caryophyllaceae
Life cycle Perennial
Hardiness Hardy to -5°C / 23°F
Habit Compact, upright and mounding.

Use Indoor / outdoor. Garden, smaller pots and patio planters.
Sun/shade Full sun
Flowering First year flowering, naturally from spring to autumn. Programmable for year-round production.

General information

Sunflor® offers plenty of options to compose a varied year-round production programme, with an extensive range of early, mid and late season flowering varieties. The collection features compact varieties in many showy colours, various flower shapes and plant types. Its outstanding cold tolerance enables cool production temperatures. Sunflor® has a short cultivation time and a tight bloom window, for easy planning and bench-run production.

Contact our team for tailored selection advice or check out the Sunflor® Selection & Sunflor® Collection, making it easier to set up uniform cultivation programmes by combining matching varieties.

Start material Rooted cuttings
Tray size range 144 cell trays



144 cell trays

RC

Finishing guidelines

Pot size range 9 - 12 cm / 3.5 - 4.5 inch pots, 1 ppp
Crop time Spring / summer: 8 - 13 weeks from transplanting.
 Autumn / winter: 16 - 24 weeks from transplanting.
Location Greenhouse with limited heating or outdoors.
Soil EC: 1.2 - 1.6 / pH: 5.5 - 6.0
Temperature Autumn / winter sticking: 10 - 18°C / 50 - 64°F day
 6 - 10°C / 43 - 50°F night
 Spring / summer sticking: 20°C / 68°F day
 13°C / 55°F night
Light / Shade Day length neutral, no additional lighting.
Watering Keep moderately moist with mild dry cycles.
Humidity Max 70%
Fertilising Target value growing stage EC: 1.2 - 1.6
 Target value flowering stage EC: 2.0 - 2.2
 Keep pH at 5.5 - 6.0. Basic NPK fertiliser:
 • Growing stage: NPK 10 - 52 - 10.
 • Flowering stage: NPK + Mg 15 - 3 - 15 - 5.
Pinching Once, 2 - 3 weeks after transplanting.
PGR Optional
Challenges Fusarium, rhizoctonia and rust may occur. Scout for aphids, thrips, spider mites and caterpillars. Ask for our list of recommended plant protection products.
Key tips & tricks

- Cool temperatures and high light will improve plant quality.
- Low or shallow pots are recommended.
- During winter production ventilation is important.
- The top of the plug should be a half inch above soil level, to prevent rhizoctonia issues.

Ordering information

Source
[HilverdaFlorist](#), or contact our [worldwide sales network](#) for ordering.
 Lead time RC: 7 weeks.

Tags
 Check our website for an [overview of tags](#) for our Pot, Patio & Garden series.

Seasonal timeline

Pot size	Transplant	Finish
9 - 12 cm / 3.5 - 4.5 inch	Late winter to summer	8 - 13 weeks
9 - 12 cm / 3.5 - 4.5 inch	Late summer to winter	16 - 24 weeks

NOTE: These culture guidelines can be used as a reference only. Timing and performance will vary depending on the climate, local circumstances, time of the year and other factors. HilverdaFlorist BV doesn't accept any liability. - Version: Aug 2023