

Knox Nursery was one of the first to offer Gerbera plugs to commercial growers. Our Gerbera program began over 25 years ago. Today, Knox Nursery ships Gerbera plugs to growers throughout the country.

GERBERA LOVE CENTRAL FLORIDA SUNSHINE

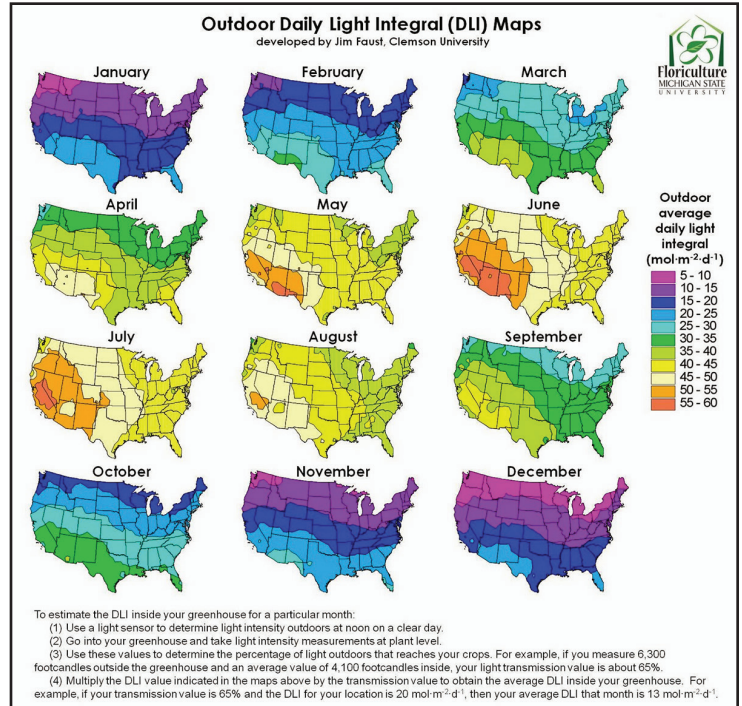
Florida sunshine means longer days, higher light levels and warmer temperatures compared to northern states, particularly in the spring months critical for quality Gerbera production.

University research has shown that a total daily light integral (a measure of the amount of light a plant has received in a day) of at least 10 moles within the greenhouse is required for favorable growth and development of young plants. That equates to about 20 moles outside the greenhouse. These maps, published by Dr. Jim Faust, Clemson University, show that light levels are below 20 moles outside from late fall through late spring for much of the northern U.S., while Florida receives 20 moles or better outside year-round.

Gerbera are day-neutral plants. Increasing day length does not influence how early plants bloom.

But, Gerbera are facultative irradiance plants. Increasing the daily light integral up to 14 moles per day results in:

- increased plant weight
- increased flower number
- increased petal width



2018-2019 Knox Nursery Gerbera Program

GERBERA FROM SEED

Plugs grown under high light conditions result in:

- flowering up to 2 weeks earlier than direct-sown material
- very uniform crop
 - » tend to all flower together
 - » means bench-runs common

Standard direct-sown 144-cell tray

- direct-sown into loose-filled 144-cell tray
- reworked to ensure guarantee
- shipped at 6 weeks

Premium 105-cell tray — transplanted and graded product

- sown into 384-cell tray
- transplanted at 5 weeks into 105-cell trays
 - » all seedlings graded at transplant, and each grade specifically grown to reach uniform size at shipping
 - » runts are discarded
- shipped at 8 weeks

ORDER MINIMUMS:

All orders must be **full cases (6 trays)** per ship date. Orders can be a mix of cultivars, with minimum per cultivar requirements as follows:

Standard 144-cell Trays: 1 tray per cultivar per ship date

Premium 105-cell Trays: 3 trays per cultivar per ship date

GERBERA FROM SEED CULTIVARS AVAILABLE FOR ORDERING:

- Bengal
- Cartwheel
- Elephant
- Festival
- Floriline
- Floriline Giant
- Floriline Mini
- Jaguar
- Majorette
- Revolution
- Revolution Mega
- Revolution Mini
- Royal
- Sundayz
- Sundayz Mini



TISSUE CULTURE PROGRAM

Garvinea Gerberas from Florist, Holland
 Premium – Impulse-buy items in the garden center

- Produced in 30mm ellepots in 72-cell trays
- Target 12 weeks in 8-inch pot

ORDER MINIMUMS:

All orders must be **full cases (6 trays)** per ship date. Orders can be a mix of cultivars with a minimum of 1 tray per cultivar per ship date.

GERBERA GARVINEA CULTIVARS AVAILABLE FOR ORDERING:

- Classic Sylvanna
- Sweet Memories
- Sweet Caroline
- Sweet Sixteen
- Sweet Fiesta
- Sweet Smile
- Sweet Glow
- Sweet Spice
- Sweet Heart
- Sweet Sunset
- Sweet Honey
- Sweet Surprise
- Sweet Love
- Sweet Mix (subject to availability)

