



Sunfinity™ Yellow with Dark Center

syngenta *flowers*®

Sunfinity™ Sunflower

Endless blooms, all season long

Introducing the next generation of sunflowers that offer endless blooms all season long. Unlike traditional sunflowers, these keep on growing long after traditional single-stem sunflowers have bloomed and died.

Go premium with Sunfinity Sunflower

- Sunfinity Sunflower is a breakthrough product in a class that has not seen true consumer-driven innovation in years.
- The licensed plug model will allow Syngenta Flowers to play a bigger role in supporting growers to deliver the highest quality plants to retailers across North America.
- Sunfinity Sunflower delivers value along the value chain from plug producers to brokers, growers, retailers and especially consumers.
- Starting with the brand design, artwork, tagline, pot, and tag creation, Syngenta Flowers is fully invested in the successful launch of Sunfinity.
- Sunfinity Sunflower is a simple-to-produce crop which can be finished from late spring to fall across North America



Sunfinity™ Yellow with Dark Center
Product ID: 70052829



Helianthus hybrida

Tall indeterminate sunflower bred for branching, multiple flowers and large garden habit. Best grown in large premium containers and spaced during production.

Container size: 2.5–3 quart (6- to 8-inch pots), 1.5 gallon and larger patio containers

Habit: Mounded–trailing

GARDEN SPECIFICATIONS

Garden height: 48"

Garden width: 24–32"

Light: Full sun

USDA Hardiness Zone: 11

AHS Heat zone: 12–1

Product use: Beds and large containers

FINISHING

TEMPERATURE:

Day: 70–75 °F (21–24 °C)

Night: 65–68 °F (18–20 °C)

Average daily temperature: 68–75 °F (20–24 °C)

LIGHTING:

Recommended day length: Long days

Light intensity: 3,500–4,500 foot candles (700–900 micro mols)

Day length response: Facultative long day

Daily light integral: 12–20 mols/day

Media pH: 5.5–6.0

Media EC: 1.2–1.75 mS/cm (saturated media extract)

Fertilizer: 150–200 ppm Nitrogen

Pinching: Yes, required to improve branching. If no pinch was done in plug stage, pinch shoot tips at 2–3 weeks after transplant and leave 4–5 leaf nodes below the pinch.

Plant growth regulators (PGRs): Bonzi (paclobutrazol) drench at 2–3 ppm at 3–4 weeks after transplanting; if needed Bonzi drench at 2–3 ppm to hold size at finish.

Pests: Aphid, spider mites, thrips, whitefly, caterpillars

Diseases: *Botrytis*, *Pythium*, *Rhizoctonia*, *Thielaviopsis*, Powdery Mildew, Downy Mildew, rust

TECH TIPS:

- Facultative long-day plant. Crop time is 3–4 weeks longer under 11 hours versus 14 hours. For earliest flowering, provide long days, high light levels, and warm temperature.

- Preventative fungicide applications for Powdery Mildew and Downy Mildew are recommended, especially in high humidity environments. Palladium®, Micora® and Segovis® fungicides have all been effective at suppressing pathogens.

- Plants grown outside can attract chewing insects. Preventative insecticides, such as Mainspring® and Flagship®, are effective.

SCHEDULING

Container size	Crop time after transplant (wks) @ 68 °F ADT*	Plants per pot
2.5- to 3-quart pots (6- to 8-inch pots)	7–8	1–2
1.5- to 2.5-gallon pots (10- to 12-inch pots)	7–8	2–3
3.0-gallon and larger (14-inch pots and larger)	8–9	3–4

*Estimated finish crop time is from transplant of a four week old 72-cell plug tray and finished at an average daily temperature (ADT) of 68 °F (20 °C) under long days. Crop time is two weeks faster at an ADT of 73 °F (23 °C) versus 68 °F (20 °C).

EXAMPLE CROP SCHEDULE FOR 12-INCH PATIO CONTAINERS

Week 1: Transplant three plugs per pot for patio containers and finish at

68 °F ADT and minimum DLI of 12–20 mols/day. Provide long days for earliest flowering.

Week 3: Pinch shoot tips and leave 4–5 leaf nodes below the pinch.

Week 5: Bonzi drench at 2–3 ppm. A second application may be needed three weeks later.

Week 9–10: Finish

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