

# GrowerFacts Extra Sunflower Always Sunny Gold

Additional Culture Research

from

PanAmerican Seed.®

# Sunflower Always Sunny Gold

Plant Growth Regulator (PGR) Response, published 2025

PanAmericanSeed.

## CULTURE:

- Plug tray size: 128 cell
- Germination conditions: 72°F/22°C, light, cover with vermiculite
- **Plug daylength: Night Interruption (NI) from 10 pm to 2 am\***
- Transplant date: 2 weeks after sowing
- Container size: 1 Gallon (13 cm) with 1 plant per pot
- Environmental conditions:
  - Plug stage: ADT = 73°F/23°C, DLI = 10.2 mol·m<sup>-2</sup>·d<sup>-1</sup>
  - Finish stage: ADT = 69°F/21°C, DLI = 14.6 mol·m<sup>-2</sup>·d<sup>-1</sup>

Note: \*Recommended best practice (see next slide)



# Sunflower Always Sunny Gold

## Best Practice, published 2025

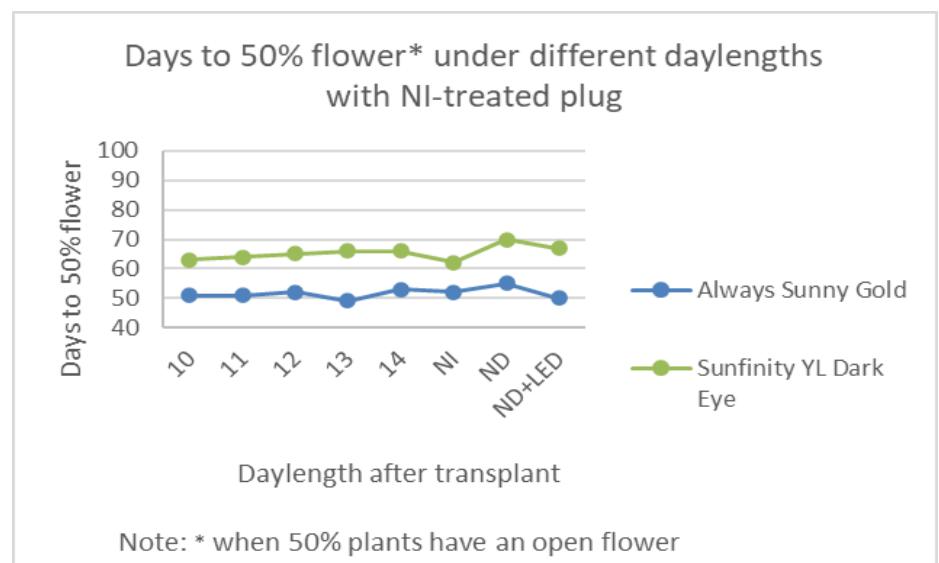
PanAmericanSeed.

Growing the plugs under long days (14+ hours) or night interruption for 2 weeks is critical to achieve fast finish (see below photo).

After LD plug treatment, plants can be finished under any daylength.



In addition, Always Sunny Gold will finish 10-14 days earlier than Sunfinity Yellow Dark Eye when plugs are grown under long days.



# Sunflower Always Sunny Gold

## Plug PGR Response, published 2025

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### ANNUALS



Paclobutrazol 2 ppm sprench (2x the spray rate, 1 gallon/100 ft<sup>2</sup>) at radicle emergence works well for plug height control.

# Sunflower Always Sunny Gold

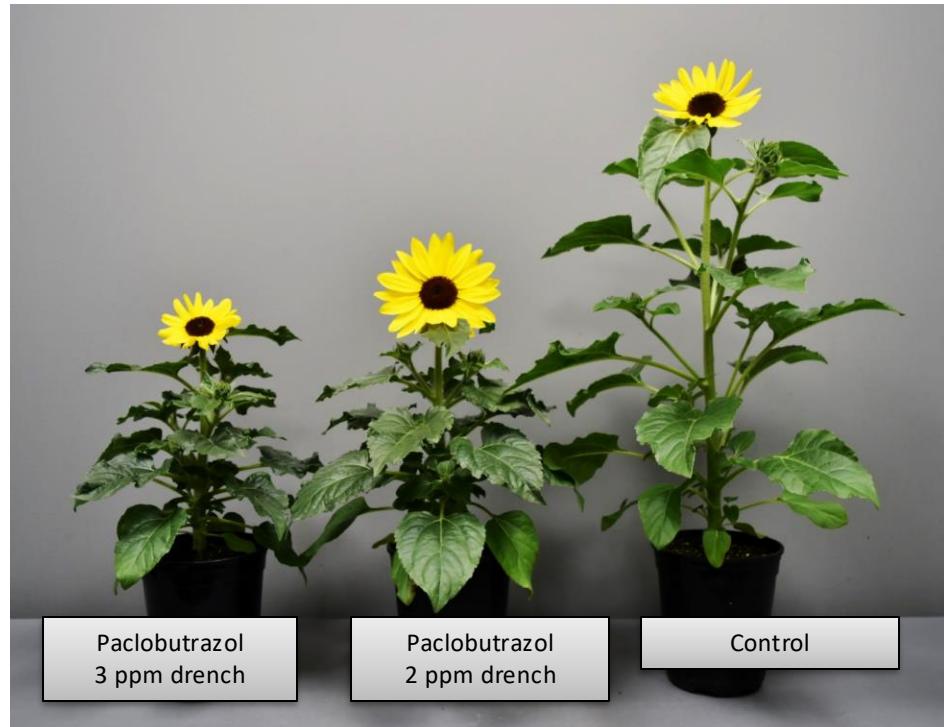
## Finish Stage PGR Response, published 2025

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### ANNUALS

Sunflower Always Sunny Gold is responsive to a paclobutrazol drench in finish.

- A 3 ppm drench at 2 weeks after transplant works well.
- Drench can be repeated 2 weeks later, if necessary, especially in warm conditions.



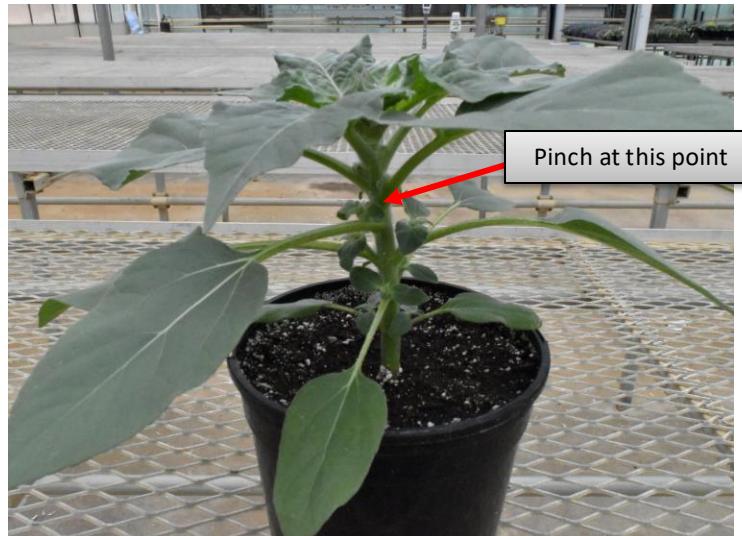
# Sunflower Always Sunny Gold

## Pinch with PGR Response, published 2025

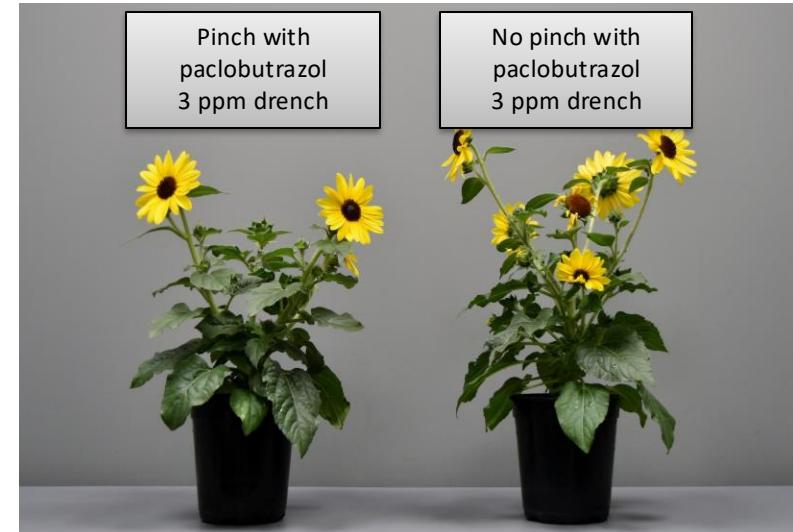
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### ANNUALS

Option to pinch at 6-7 internodes stage,  
leaving 4 internodes or 8 leaves.



Pinching delays flowering by 10-14 days.



# Sunflower Always Sunny Gold

PGR Response, published 2025

PanAmericanSeed.

## RECOMMENDATION

- Paclobutrazol 2 ppm sprench at radicle emergence for plug height control.
- Paclobutrazol 3 ppm drench at 2 weeks after transplant to control finish height.
  - Option to use daminozide 2,000 ppm spray 3x/week for the regions that can't use Paclobutrazol.
  - Optional pinch with PGR yields plants with multiple blooms at first flower, but delays flowering by 10-14 days



# Sunflower Always Sunny Gold

## Drought Tolerance Study, published 2025

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Plants were saturated, then received no water for 4 days. Always Sunny Gold was slightly more drought tolerant than Sunfinity Yellow Dark Eye.

Wilted plants of both varieties recovered after watering.



# Sunflower Always Sunny Gold

## Field Performance, published 2025

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### FIELD PERFORMANCE

- Plants grow out of PGR about 4-5 weeks after transplant to field.
- Always Sunny Gold has stronger stems and is taller than Sunfinity Yellow Dark Eye.
- Always Sunny Gold is longer lasting in the field.



Week 31

Always Sunny Gold



Week 38

Sunfinity Yellow Dk Eye