

PERENNIAL

## PROPAGATION

# *Solidago 'Sweety'*

*Solidago canadensis*



### TRAY & ROOTING

Form	<b>Unrooted Cuttings (URC)</b>
Rooting Hormone	<b>Yes</b>
Tray Size(s)	<b>72, 105</b>
Plants Per Cell	<b>1</b>
Wks. From Stick To Transplant	<b>4-6</b>
Pinch?	<b>Yes</b>
Days from stick to pinch	<b>21-28</b>

### FERTILITY

Fertilize Through Mist?	<b>50-75 ppm N</b>
Fertilizer Rate	<b>100-150 ppm N (20-6-22 or 22-5-16 [15-0-15 under low-light conditions])</b>
EC Range	<b>Moderate: (2.0-3.5 mS via SME)</b>
pH Range	<b>5.8-6.2</b>

### TEMPERATURE

Average Soil Temperature	<b>72-78°F (22-26°C)</b>
Average Air Temperature	<b>72-78°F (22-26°C)</b>

### IRRIGATION

Irrigation Frequency	<b>Level 3: Keep media moderately moist with mild dry cycles</b>
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### LIGHT

Supplemental	<b>Yes</b>
Benefits From Shade?	<b>No</b>

### POTENTIAL DISEASES

Botrytis, bacterial leaf spot

### POTENTIAL PESTS

whitefly, aphids

### PGR SUGGESTIONS

- Optional 300-500 ppm Florel (3.9% Ethephon)

## CULTIVAR LIST

Sweety



## TIPS

- Begin fertilizing with 150ppm N 10 days after sticking.

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FINISHING

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## VERNALIZATION

Vernalization Required?	<b>No</b>
Vernalization Duration Minimum	<b>N/A</b>
Vernalization Temperature	<b>N/A</b>

CONTAINER SIZE	PLANTS PER POT	TRANSPLANT TO FINISH (WEEKS)
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<b>4 in./qt (10-12 cm)</b>	<b>1</b>	<b>6-7</b>
<b>6 in./Gal. (15-16 cm)</b>	<b>2</b>	<b>7-9</b>

## FERTILITY

Fertilizer Rate	200-250 ppm N (20-6-22 or 22-5-16 [15-0-15 under low-light conditions])
EC Range	<b>High: (3.5-5 mS via SME)</b>
pH Range	<b>5.8-6.2</b>

## TEMPERATURE

Day Temperature	<b>65-75°F (18-24°C)</b>
Night Temperature	<b>55-65°F (13-18°C)</b>

## IRRIGATION

Irrigation Frequency	<b>Level 2: Allow media to dry moderately between thorough waterings</b>
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## LIGHT

Photoperiodic requirements	<b>Short Day: Less than 8 hours daily</b>
Supplemental?	<b>Photoperiodic Control</b>
Benefits From Shade?	<b>Photoperiodic Control</b>

## PINCHING

Finishing Pinch?	<b>Yes</b>
Transplant to pinch (days)	<b>14-21</b>

## POTENTIAL DISEASES

Botrytis, bacterial leaf spot

## POTENTIAL PESTS

whitefly, aphids

## PGR SUGGESTIONS

- None



## TIPS

- Best grown under high light with high EC and pronounced wet-dry irrigation cycles.
- Plants can be programmed by four weeks of long day and four weeks of short day growing for targeted flowering dates.
- Short days will accelerate flowering.

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## FEATURES AND BENEFITS

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### KEY INFORMATION

First Year Flowering?	<b>Yes</b>
Bloom Time	<b>Late Summer to Autumn</b>
Exposure	<b>Full Sun</b>
Hardiness Zone	<b>4-10</b>
Height	<b>8-12 inches (20-30 cm)</b>
Width	<b>6-8 inches (15-20 cm)</b>

### DESCRIPTION

'Sweety' is truly sweet for late summer and early fall sales featuring compact habit and bright yellow flowers.

### CONSUMER APPEAL

- The compact habit and a well-branched architecture of this pollinator feast makes this an easy sell to both novice and advanced gardeners.
- Solidago is a huge beacon for bees and butterflies. Its late season blooms help bees immensely with their frantic late-season nectar and pollen collection.

### GARDEN ATTRIBUTES

- Goldenrod is gorgeous in autumn flower arrangements.
- Good garden locations include (but aren't limited to) pollinator gardens, meadow gardens, prairie gardens and in containers.
- Solidago is tolerant of a wide range of conditions ranging from rich heavy clay soils to nutrient poor sandy soils. Plants will thrive in moderately moist soils with average levels of organic matter.
- Because of goldenrod's late bloom season, it may look like a big mound of unexciting green foliage for the majority of the growing season. Wait until late summer and early autumn for its explosion of rich yellow blooms!

### NATIVITY

North America; especially Canada and the northern United States.

### COMPANION PLANTS

*Verbena, Gaillardia, Gaura, Aster, Perovskia, Glechoma, Saliva, Coreopsis*

### COMMON NAME(S)

goldenrod, Canada golden rod



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