

PERENNIAL

PROPAGATION

Coreopsis Permathread™

Coreopsis x hybrida



TRAY & ROOTING

Form	Unrooted Cuttings (URC)
Rooting Hormone	Yes
Tray Size(s)	72, 105
Plants Per Cell	1
Wks. From Stick To Transplant	4-5
Pinch?	Yes
Days from stick to pinch	14-21

FERTILITY

Fertilize Through Mist?	No
Fertilizer Rate	50-75 ppm N (20-6-22 or 22-5-16 [15-0-15 under low-light conditions])
EC Range	Moderate: (2.0-3.5 mS via SME)
pH Range	5.4-5.8

TEMPERATURE

Average Soil Temperature	65-72°F (18-22°C)
Average Air Temperature	65-72°F (18-22°C)

IRRIGATION

Irrigation Frequency	Level 3: Keep media moderately moist with mild dry cycles
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LIGHT

Supplemental	Optional
Benefits From Shade?	No

POTENTIAL DISEASES

bacterial leaf spot, powdery mildew, Botrytis

POTENTIAL PESTS

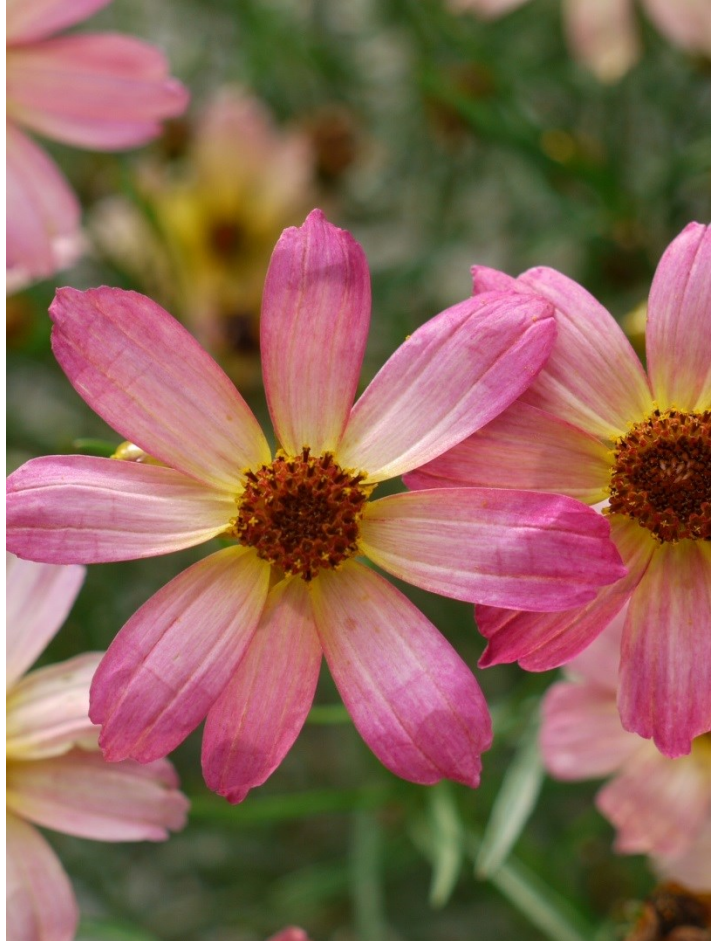
aphids

PGR SUGGESTIONS

- Optional 300-500 ppm Florel (3.9% Ethephon)
- Optional 1500-2500 ppm B-Nine (85% Daminozide)

CULTIVAR LIST

Red Satin, Shades of Rose, Sweet Tart



'Shades of Rose'

TIPS

- An IBA-based rooting hormone at 500-1000 ppm can be applied as a powder or spray. This will ensure swift and uniform rooting.
- Double stick cells for premium quality liners and finished containers.

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PERENNIAL

FINISHING

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VERNALIZATION		
Vernalization Required?	No	
Vernalization Duration Minimum	N/A	
Vernalization Temperature	N/A	
CONTAINER SIZE		
CONTAINER SIZE	PLANTS PER POT	TRANSPLANT TO FINISH (WEEKS)
4 in./qt (10-12 cm)	1	4-6
6 in./Gal. (15-16 cm)	1-2	6-8
10 in. (22 cm)	3	9-12
FERTILITY		
Fertilizer Rate	150-200 ppm N (20-6-22 or 22-5-16 [15-0-15 under low-light conditions])	
EC Range	Moderate: (2.0-3.5 mS via SME)	
pH Range	5.8-6.2	
TEMPERATURE		
Day Temperature	65-75°F (18-24°C)	
Night Temperature	55-65°F (13-18°C)	
IRRIGATION		
Irrigation Frequency	Level 2: Allow media to dry moderately between thorough waterings	
LIGHT		
Photoperiodic requirements	Long day: 12+ hours daily	
Supplemental?	Optional	
Benefits From Shade?	No	
PINCHING		
Finishing Pinch?	Optional	
Transplant to pinch (days)	14-21	
POTENTIAL DISEASES		
bacterial leaf spot, powdery mildew, Botrytis		
POTENTIAL PESTS		
aphids		
PGR SUGGESTIONS		



'Red Satin'

TIPS

- Proper spacing and fertilization is required to maintain compact habit and large flower size.
- Dry moderately between waterings to limit stretch and tone plant.
- Daylength extension or night interruption can force flowering.

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- B-Nine (85% Daminozide) 1500-2500ppm'
- Sumagic (0.055% Uniconazole) 3-4ppm

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FEATURES AND BENEFITS

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KEY INFORMATION

First Year Flowering?	Yes
Bloom Time	Summer to Early Autumn
Exposure	Full Sun
Hardiness Zone	4-9
Height	12-18 inches (30-46 cm)
Width	24-36 inches (60cm-90 cm)

DESCRIPTION

Coreopsis is undoubtedly one of the most popular native pollinator plants available to homeowners and landscapers. It is low maintenance, drought tolerant, pollinator friendly, and loaded with blooms throughout the growing season.

CONSUMER APPEAL

- The showy golden flowers are a dramatic beacon for bees and butterflies.
- Native to prairies, glades, roadsides, and open woods throughout North America, this plant is very drought tolerant once established. Additionally, it is deer resistant.

GARDEN ATTRIBUTES

- Although not particularly fragrant, coreopsis make good cut flowers, especially in rustic arrangements.
- Coreopsis is the ultimate perennial for pollinator gardens, borders, naturalized areas, meadow gardens, prairie gardens, cottage gardens and even in mixed container displays.
- Prefers well drained soil where it can survive in dry to moderately moist soils. Can tolerate clay as long as it does not receive too much moisture.
- The best way to promote reblooming is to aggressively shear the plants back after their initial bloom. This will promote fresh new growth full of vitality.

NATIVITY

Native to North, Central, and South America though the majority of ancestral species are centered in modern day USA.

COMPANION PLANTS

Gaillardia, Salvia, Solidago, Achillea, Lavandula, Perovskia, Gaura, Scabiosa, Penstemon

COMMON NAME(S)

tickseed, calliopsis, coreopsis



'Shades of Rose'

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