PROPAGATION

Coreopsis Little Bang Series

Coreopsis x hybrida



Daybreak, Enchanted Eve, Red Elf, Starbright, Starlight, Starstruck, Starbright, Starstruck



'Daybreak'

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.
- After rooting, liners can be kept at 1.6-4.4°C to avoid stretching.

TRAY & ROOTING

Form Unrooted Cuttings (URC)
Rooting Hormone Yes

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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

50-75 ppm N (20-6-22 or Fertilizer Rate **22-5-16 [15-0-15 under**

Rate 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

Average Soil Temperature **18-22°C**Average Air Temperature **18-22°C**

IRRIGATION

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)

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FINISHING

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Vernalization Required? No

Vernalization Duration

Minimum

Vernalization Temperature **N/A**

 CONTAINER SIZE
 PLANTS PLANT TO PER POT FINISH (WEEKS)

 10-12 cm
 1
 4-6

 15-16 cm
 1-2
 6-8

 22 cm
 3
 9-12

N/A

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 18-24°C

Night Temperature 13-18°C

IRRIGATION

Irrigation Frequency **Level 2: Allow media to dry moderately between thorough**

waterings



Photoperiodic requirements Daylength Neutral

Supplemental? **Optional**

Benefits From Shade? **No**

PINCHING

Finishing Pinch? **Optional**

Transplant to pinch (days) 14-21

POTENTIAL DISEASES

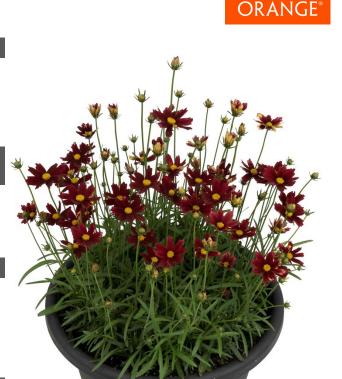
bacterial leaf spot, powdery mildew, Botrytis

POTENTIAL PESTS

aphids

PGR SUGGESTIONS

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



'Red Elf'

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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FEATURES AND BENEFITS

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First Year Flowering? Yes

Bloom Time Summer to Early Autumn

Exposure Full Sun

Hardiness Zone 4-9

Height **30-46 cm**

Width **60cm-90cm**

DESCRIPTION

New breeding from Dümmen Orange has led to Little Bang boasting a very compact habit, large flowers, and fantastic colors ranging from white with a raspberry throat, to golden yellow, to near neon pink.

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 sheer the plants back after their initial bloom. This will promote fresh new growth full of vitality.

COMPANION PLANTS

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

COMMON NAME(S)

tickseed, calliopsis, coreopsis



'Starlight'

NATIVITY

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

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