



Cosmic Eye



Full Moon



Galaxy



Redshift

Coreopsis Big Bang™ Series

GENERAL DESCRIPTION

After extensive breeding work, the Big Bang™ Series includes outstanding *Coreopsis* that are out of this world. Well-branched plants feature daisy flowers that bloom continuously from midsummer into fall. Unique flower forms and colors in this series are endlessly fascinating. *Hybridized by Darrell Probst.*

‘Cosmic Eye’—Dramatic claret-colored daisies tipped in golden, sunshine yellow. Pleasingly compact for the smaller garden.

‘Full Moon’—Giant, canary yellow blossoms bloom on a hardy, floriferous plant.

‘Galaxy’—A double tier of cheery yellow petals shines against glossy green foliage. Short, sturdy habit.

‘Redshift’—In summer’s heat, the flowers are butter yellow with a deep crimson eye, but with cooler temperatures they shift in stages to a dramatic ruby red.

USES

Outstanding in borders, perennial beds and large containers, they make excellent cut flowers. Very easy to grow and drought tolerant once established, they thrive in a wide range of growing conditions.

GROWER NOTES

The following information is based on our own experience with this crop in the Pacific Northwest. Growth will vary based on location, climate, growing medium and cultural practices. As always, where chemical use is involved, read the labels, follow the instructions and practice careful trialing methods.

For best results, plant in spring.

Series

- Plant in full sun using a fast-draining perennial mix.
- Incorporate time-release fertilizer into the soil mix, or use a constant liquid feed with 200–250 ppm nitrogen.
- Watch for typical *Coreopsis* pests—aphids, mites, *Coreopsis* beetles and thrips, as well as powdery mildew. To date, these cultivars have proven to be quite resistant to fungus and disease problems in our environment.

‘Full Moon’ and ‘Redshift’

- As with other *Coreopsis*, these are fast finishers. The biggest challenge is to keep growth compact for nice presentation in a finished pot.
- To effectively control height and reduce the incidence of crown splitting as plants mature, use Sumagic® (uniconazole) spray at 5 ppm in two applications, 7–10 days apart. Apply the first after plants are rooted in (typically 2–3 weeks after transplant).
- If growth regulators are not used or applied in time, branches may become heavy and split at the crown as plants mature. If this occurs, prune out split branches and the lower side shoots will quickly fill in. We have not seen this problem in the garden, but watch for it in container production.
- Pinch hard at or near transplant time, leaving one to two nodes.
- If necessary, pinch back any stray shoots to balance growth.
- If needed, apply B-Nine® or Dazide™ (daminozide) at 3750 ppm to reduce internode length.
- Growth habit is markedly different in the two cultivars, and they may require separate regulator treatments and/or pinching. ‘Full Moon’ is naturally more compact and well branched. ‘Redshift’ is more loosely growing, with longer internodes, and requires more management to produce full, well-branched plants. As with all regulators, application rates and effect may vary with times of year, growing conditions and climate.

‘Cosmic Eye’ and ‘Galaxy’

- Naturally compact growth and heavy bloom make growth regulators unnecessary on these two cultivars. Removal of first blooms on ‘Cosmic Eye’ may allow plants to fill pot more quickly.

continued



PLANT DATA

'Cosmic Eye'

Height: 12–15"/15"
Spread: 12"
Bloom time: Jun–Oct
USDA Zone: 5(-20°)

'Full Moon'

Height: 24–30"/30"
Spread: 18"
Bloom time: Jul–Sep
USDA Zone: 5(-20°)

'Galaxy'

Height: 12"/12"
Spread: 12"
Bloom time: Jun–Oct
USDA Zone: 5(-20°)

'Redshift'

Height: 24–30"/30"
Spread: 18"
Bloom time: Jul–Sep
USDA Zone: 5(-20°)

APPROXIMATE FINISH TIMES

'Full Moon' and 'Redshift'

- Gallon from 128-cell liner: 7–9 weeks
- Gallon from 72-cell liner: 5–6 weeks
- 2-gallon from 72-cell liner: 8–10 weeks

'Cosmic Eye' and 'Galaxy'

- Gallon from 128-cell liner: 10–12 weeks
- Gallon from 72-cell liner: 7–9 weeks
- 2-gallon from 72-cell liner: 12–14 weeks

PATENT INFORMATION

Asexual propagation prohibited

C. 'Cosmic Eye': USPPP

C. 'Full Moon': CPBRAf, USPP #19364

C. 'Galaxy': USPPP

C. 'Red Shift': CPBRAf, USPPP



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