

Crop Culture Report: *Rudbeckia Hirta Rising Sun*® *Chestnut Gold*

Recommended Containers: 6 1/2” to 12” pots, combination planters

Consumer Uses: Large flowered Rudbeckia for season long performance. Daylength neutrality allows year-round shipping without supplemental lighting.

Crop Planning from cell pack:

Pot Size	Plants per pot (pp)	Finish Time (weeks)
6 or 6 1/2” pot (15 to 16 cm)	1	9 to 10 (spring)
		7 to 8 (summer)
8” pot (20 cm)	1	9 to 10 (spring)
		8 to 9 (summer)
12” pot (30 cm)	3	10 to 11 (spring)
		9 to 10 (summer)

Propagation: Incoming URCs are larger and will be best suited for 72c trays. Rising Sun® will rehydrate quickly. Maintain root zone temp of 68° to 72°F (20° to 22°C) for the first 8-10 days or until root emergence is prevalent. Foliar K-IBA with rates of 200-250ppm will hasten the propagation process. Anticipate 5 weeks prop time that includes the hardening phase. Rising Sun has shown phytotoxicity to Florel applications above 175ppm.

Temperature Requirement: Day – 68° to 72°F (20° to 22°C)
Night – 60° to 65°F (15° to 18°C)

Cooler nights once established enhances finished quality. Rising Sun® Chestnut Gold is hardy to zone 7. These Rudbeckia will continuously flower all spring and summer in containers and landscape the first year of production from stock.

Media and pH requirements: Use a well-drained soil mix with a pH range of 5.8 to 6.2. Water well and allow soil to dry between irrigation. Avoid over watering especially during cool, cloudy weather.

Fertilizer requirements: 150 to 175 ppm N. Applying an occasional clear-water irrigation is recommended for maximum growth and root quality

Pinching requirements: None required; if a dominant shoot develops, pinching is recommended.

Growth Regulators: B-Nine is beneficial for evening of the crop. Trials are recommended, but rates of 1250ppm have proven adequate on 10-12 day intervals. Avoid paclobutrazol as this will severely decrease flower size.

Disease and insect pests:

Mites, Thrip and Aphid, Pythium, Phytophthora