



Sassy®

ARGYRANTHEMUM FRUTESCENS

ROOTING UNROOTED CUTTINGS

***See General Rooting Requirements for Syngenta vegetative cuttings.**

Rooting Time: 3.5 – 4 weeks. Argyranthemums are moderate to fast rooters and generally root quickly and easily. Rooting hormones should not be needed.

Misting: Average mist cycles. Avoid over-misting, especially after roots have formed, or iron deficiency (tip yellowing) can occur. Feeding should begin at 50 – 100 ppm nitrogen at the onset of root formation.

Pinching: No.

FINISHING ROOTED CUTTINGS

Greenhouse and landscape use: Ideal for a wide range of pot sizes, including baskets. Sassy Argyranthemums have a well-branched, mounding habit. All lines can be mixed and matched to create an expanded product mix. Sassy Argyranthemums are very nice alone in upright patio containers or in combination plantings where mounding, filler-type plants are desired. They also work well in ground beds. Sassy Argyranthemums have numerous daisy-type or anemone-type flowers that cover the plant throughout the entire growing season. They do best in full sun to partial shade exposures.

Transplanting: Transplant directly into the finished container. Place the rooting media slightly below the level of media in the container. Make sure that the root ball is covered and that the cutting is situated in the center of the pot.

Moisture: Media should be allowed to dry between irrigations. Severe overwatering can lead to Botrytis and Fungal Root Rot, while severe under-watering and drought stress can result in bottom leaf yellowing and necrosis.

Fertilizer: 200 – 250 ppm nitrogen. Argyranthemums are moderate feeders. Monitor EC levels and leach with clear water as needed to avoid fertilizer salt buildup. They grow best when using a blend of Cal-Mag (i.e. 15-5-15, 14-4-14, etc.) and ammonium-containing (i.e. 20-10-20, 15-15-15, etc.) fertilizers. Cal-Mag types contain primarily nitrate nitrogen and help to promote toned growth, smaller leaves and media pH levels above 6. Ammonium nitrogen will encourage softer growth, larger leaves, higher media EC levels and lower media pH. A supplemental iron chelate (Sprint 330) or iron sulfate drench can be used at 2 – 4 ounces/100 gallon to correct iron deficiency (young leaf tip yellowing) when media pH levels have gotten well above 6.

Light: 5,000 – 7,000 foot candles. Argyranthemums grow best in the greenhouse under high light conditions. Supplemental lighting can be used in northern climates under dark, cloudy conditions. Bright, growing conditions coupled with cool to moderate temperatures produce high-quality plants.

Media pH: 5.8 – 6.2. Keep pH down in the low to mid 5s to avoid iron deficiency and tip yellowing.

Media EC: 2 – 2.2 mS/cm (in an SME, saturated media extract).

Temperature: 65° – 75°F (18° – 24°C) day and 50° – 60°F (10° – 15°C) night. Cooler temperatures can be used to help control growth, but plants will be delayed in flower. Very warm temperatures in the greenhouse will promote soft, stretched growth and the need for more PGR use.

Pinching: Yes. Sassy Argyranthemums need one pinch shortly after transplanting.

Growth Regulators: Several choices for regulating growth. Sassy Argyranthemums might need moderate growth regulation to produce highest quality pots. Sassy Pink is more vigorous than others in the line and will require more PGR. Sprays of Bonzi (5 – 10 ppm), Sumagic (3 – 5 ppm) and B-Nine + Cycocel (2,500 ppm + 1,000 ppm, respectively), work to control growth. If grown under high light and cool temperatures, little PGR is usually needed, especially on Sassy Compact White.

Insects: Aphid, Whitefly and Leafminer. Scout plants regularly and control using appropriate chemical and biological products as needed.

Diseases: Botrytis and Fungal Root Rot. Botrytis is probably the most common problem, especially under tight pot spacing and overhead irrigation.

GARDEN PERFORMANCE

USDA Hardiness Zone: 10

AHS Heat Zones: 2 – 8

	Garden Height	Garden Width
Sassy	12 – 18" (30 – 46 cm)	12 – 18" (30 – 46 cm)

ARGYRANTHEMUM SCHEDULING IN WEEKS

	Sassy
Rooted to 4" finish	6 – 7 (1 plant/pot)
Rooted to quart finish	6 – 7 (1 plant/pot)
Rooted to 5" finish	7 – 8 (1 plant/pot)
Rooted to 6" finish	8 – 9 (1 plant/pot)
Rooted to gallon finish	10 – 11 (1 plant/pot)
Rooted to 10" patio or basket finish	10 – 11 (4 plants/pot)
Rooted to 12" patio or basket finish	10 – 11 (5 plants/pot)

Note: These suggestions are only guidelines and may have to be altered to meet individual grower's needs. Check all chemical labels to verify registration for use in your region.

