



Patina™

AGERATUM HOUSTONIANUM

ROOTING UNROOTED CUTTINGS

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

Rooting Time: 3 – 3.5 weeks. Patinas are fast rooters and generally root quickly and easily. Rooting hormones should not be needed. It is important to transplant ageratum on time to avoid tall, stretched cuttings.

Misting: Patinas can come off of mist relatively quickly. This will help reduce stretching of the cuttings during propagation.

Pinching: No.

FINISHING ROOTED CUTTINGS

Greenhouse Use: Excellent in quart and 6" pots. They can also be used in large patio containers for dramatic displays. Patina Ageratums have a well-branched, mounding growth habit. Outside they are superb for ground beds, containers and combination plantings, and have exceptional heat tolerance.

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. Avoid overwatering and keeping the media constantly saturated or Fungal Root Rot can occur.

Fertilizer: 200 ppm nitrogen. Patinas are moderate feeders. Monitor EC levels and leach with clear water as needed to avoid fertilizer salt buildup. Patinas grow best when using a mix of (or alternating with) Cal-Mag (i.e. 15-5-15, 14-4-14, etc.) and ammonium-containing (i.e. 20-10-20, 15-15-15, etc.) fertilizers.

Light: 4,000 – 7,000 foot candles. Patina Ageratum grows best under high light conditions. Supplemental lighting can be used in northern climates under dark, cloudy conditions.

Media pH: 5.6 – 6.2.

Media EC: 1.8 – 2.2 mS/cm (in an SME, saturated media extract).

Temperature: 65° – 75°F (18° – 24°C) day and 60° – 65°F (15° – 18°C) night. Maintain warm temperatures early on as plants are getting established. Cold, wet media can lead to early root rot. Temperatures can be cooled later on as plants become established.

Pinching: No. Patinas do not need to be pinched when grown under high light and moderate temperatures. A soft pinch can be done on young plants if they appear to be stretching, but it is generally not needed under most growing conditions.

Growth Regulators: B-Nine spray at 1,500 – 2,500 ppm if needed. Patina Ageratum generally doesn't need any PGR if grown under high light and adequate spacing. After plants are established, cool temperatures can be used to control growth.

Insects: Aphids and Whiteflies. Scout plants regularly and control using appropriate chemical and biological products.

Diseases: Fungal Root Rot. Avoid over-saturated media, especially early on in production.

GARDEN PERFORMANCE

USDA Hardiness Zone: Not hardy

AHS Heat Zones: 3 – 10

	Garden Height	Garden Width
Patina	10 – 12" (25 – 30 cm)	12 – 14" (30 – 36 cm)

AGERATUM SCHEDULING IN WEEKS

	Patina
Rooted to 4" finish	5 – 6 (1 plant/pot)
Rooted to quart finish	5 – 6 (1 plant/pot)
Rooted to 5" finish	6 – 7 (1 plant/pot)
Rooted to 6" finish	7 – 8 (1 plant/pot)
Rooted to 10" patio finish	9 – 10 (4 plants/pot)
Rooted to 12" patio finish	9 – 10 (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.

