



A Hot Summer Survivors selection!

- Toucan gives growers the first economical, programmable and reliable seed-grown purslanes for mass-market baskets and containers.
- This healthy, easy-care series requires little or no PGRs and there is no need for pinching.
- The colourful buds develop into 2-in./5-cm blooms.
- Heat-loving and drought-tolerant Toucan performs well in mixed containers, baskets and garden beds.
- Well-suited to Premium packs, 4 to 6-in./10 to 15-cm pots, gallons and basket programs.

Germination

Sow multi-pelleted seed in 288-cell trays. In Europe, 264-cell trays can be used. Do not cover seed.

Stage 1 – Germination takes 3 to 4 days

- Soil temperature: 68 to 74°F (20 to 23°C)
- Light: Not required.
- Moisture: Keep soil wet (level 4) during Stage 1.
- Humidity: Maintain 95%+ relative humidity (RH) until radicles emerge.

Plug Production

Media

Use a well-drained, disease-free, soilless media with a pH of 5.8 to 6.2 and a medium initial nutrient charge (EC 0.75 mmhos/cm).

Stage 2

Soil temperature: 72 to 75°F (22 to 24°C)

Light: Up to 2,500 f.c. (26,900 Lux)

Moisture: Reduce soil moisture slightly (level 3 to 4) to allow the roots to penetrate into the media.

Fertilizer: Apply fertilizer at rate 1 (less than 100 ppm N/less than 0.7 mS/cm EC) from nitrate-form fertilizers with low phosphorous.

Stage 3

Soil temperature: 64 to 68°F (18 to 20°C)

Light: Up to 2,500 f.c. (26,900 Lux)

Moisture: Allow media to dry further until the surface becomes light brown (level 2) before watering. Keep the moisture to wet-dry cycle (moisture level 4 to 2).

Fertilizer: Increase fertilizer to rate 2 (100 to 175 ppm N/0.7 to 1.2 mS/cm EC). If growth is slow, apply a balanced ammonium and nitrate-form fertilizer with every other fertilization. Maintain medium pH of 5.8 to 6.2 and EC between 1.0 and 1.5 mS/cm (1:2 extraction).

Growth Regulators: Not needed.

Stage 4

Soil temperature: 65 to 68°F (18 to 20°C)

Light: Up to 5,000 f.c. (53,800 Lux) if temperature can be controlled.

Moisture: Same as Stage 3.

Fertilizer: Same as Stage 3.

Growing On to Finish

Media

Use a well-drained, disease-free, soilless media with a pH of 5.5 to 6.2 and a medium initial nutrient charge (EC 0.75 mmhos/cm).

Temperature

Nights: 65 to 68°F (18 to 20°C)

Days: 68 to 75°F (20 to 24°C)

Light

Maintain light levels as high as possible if temperature can be controlled.

Photoperiod

Toucan Purslane can flower under any daylength but will flower slightly faster under shorter days.

Irrigation

Grow on the dry side.

Fertilizer

Apply fertilizer at rate 2 (100 to 175 ppm N/0.7 to 1.2 mS/cm EC) using predominantly nitrate-form fertilizer with low phosphorus and high potassium. Maintain the media EC at 1.5 to 2.0 mS/cm and pH at 6.0 to 6.5.

Growth Regulators

Grown from multi-seed pellets, Toucan Purslane generally does not need a PGR treatment if produced under low feed, dry watering and high-light conditions. However, if necessary, Topflor (flurprimidol) 30 ppm (7.9 ml/l, 0.38% formulation) spray can be used at 1 week after transplant. Repeat the spray 2 weeks later. Or alternatively, Bonzi (paclobutrazol) 5 ppm (1.3 ml/l, 0.4% formulation) drench can be used at 1 week after transplant.

Pinching

Not needed.

Spacing

Space when plants touch each other.

Crop Scheduling

Sow to transplant (288 cell plug): 4 to 5 weeks

Transplant to flower: 6 to 7 weeks; hanging baskets, 8 to 9 weeks

Common Problems

Insect: Watch for Aphids.

Disease: None.

Tips for Landscapers and Gardeners

- Toucan Purslane is very drought-tolerant in hanging baskets and other containers.
- Plant in full sun after all danger of frost is past.
- Space plants 10 to 12 in. (25 to 30 cm) apart in well-drained soil.
- Flowers close at night.

Note: Growers should use the information presented here as a starting point. Crop times will vary depending on the climate, location, time of year, and greenhouse environmental conditions. Chemical and PGR recommendations are only guidelines. It is the responsibility of the applicator to read and follow all the

current label directions for the specific chemical being used in accordance with all regulations.



Culture Information

Seed Count: 7,260 /oz. 256 /g.	STAGE 1	STAGE 2	STAGE 3	STAGE 4	Finishing
Crop Time					* see table below
Temp :					
Soil					
Night					
Day					
Moisture					
Light (fc.)					
Cover seed?	No				
Fertilizer :					
Rate (ppm.)					
Form					
Frequency					
Soil PH					
Soil EC (mmhos/cm)					
Plant growth regulators					

Finishing Programs			
Container Size	Season	Plants/Container	Crop Time (weeks)
10" Pot	Spring	3-4	8-9
4" Pot	Spring	2-3	6-7
6" Pot	Spring	2-3	6-7
Basket	Spring	3-4	8-9
Cell Pack	Spring	1	6-7