

Amaranthus tricolor Tricolor



SAKATA®

Strong and colourful landscape item adds height to flower beds in warm areas. Ideal for extra impact late in the Summer after other Summer bedding plants have peaked.

- ✿ Plant height: 60-80 cm, with fertilization up to 1.5 m



Annual



Landscaping



Upright



100 cm



20 cm



Bedding Plant



Half shade + full sun



8000/gram



Normal



12-15 cm



Culture Guide

Plug Culture

- Stage 1** (days 1-7) Single sow seed into a plug tray using a sterile and well-drained media with a pH of 5.8-6.2 and an EC <0.6 Cover the seed with coarse vermiculite or media as darkness is required for germination. Maintain sufficient humidity and a temperature of 25°C.
- Stage 2** (days 8-14) After seedlings emerge, move plug trays to a bright and well-ventilated greenhouse and reduce day temperature to 20-21°C with a night temperature of 16°C. Lightly fertilize with 75 ppm N using a Ca/Mg formulation.
- Stage 3** (days 15-23) Optimum EC is 0.7(1:2 slurry). Allowing the media to dry in between irrigations will help tone the seedlings and prevent overgrowth. 75-100 ppm N as needed to maintain active growth. Seedlings grow rapidly, so do not over fertilize.
- Stage 4** (days 24-28) The seedlings should have 2 pairs of true leaves. Apply clear water and reduce temperature to 13-16°C to tone the plants and prepare them for transplanting. Since they have a tap root structure, do not delay transplanting. Reduce fertilizer to tone the plants and prepare them for transplanting.

Pack & Pot Culture

- In general** Amaranthus is best sold green in cell packs or 10 cm pots. To promote bright foliage colours, do not over nourish, particularly with Nitrogen.
- Media** Select a well-drained media with a pH of 5.8-6.2 and an EC of 0.5 mmhos.
- Transplanting** Transplant seedlings on time in order to maximize plant height, as plants have a strong tap root system. For use in mixed containers where a more compact plant is desired, delay transplanting 3-4 weeks allowing the seedlings to stretch.
- Temperature** Amaranthus tolerates a wide temperature range but grows best under high heat and humidity. Optimum temperature range is 16-25°C.
- Fertilizer** Amaranthus requires minimal fertilizer. Apply 100 ppm N weekly or as needed to maintain an EC of 0.7 to 1.0 (1:2 slurry).
- Lighting** Full to partly sunny location.
- Growth regulators** Water and feed is the best method to control growth. B-Nine is effective at 0.15-0.25%/1,500-2,500 ppm, but will reduce garden height.
- Crop schedule** Cell pack (48 count): Sow March 15th, Transplant April 15th, Sell May 15th.
10 cm: Sow March 1st, Transplant April 1st, Sell May 15th.
Sowing March-April, Foliage colouring: July-August, Area: Warm area.
Sowing April-May, Foliage colouring: August-September, Area: Mild area.
Sowing May, Foliage colouring: August-September, Area: Cold area.

All information given is intended for general guidance only and is believed to be accurate. Cultural details are based on Northern Hemisphere conditions and Sakata cannot be held responsible for any crop damage related to the information given herein. Application of recommended growth regulators and chemicals are subject to local legislations and manufacturer's label instructions.