

Mimulus x hybrida Mystic



Mystic includes both spotted colours and bright, clear colours, which is unusual since mimulus is usually spotted. Mystic is extra-early, free flowering and compact, making it an ideal pack item. Mystic also makes great-looking hanging baskets for early season sales.



- * High germination
- * Very early, free-flowering variety
- * Dwarf, with a highly uniform plant habit
- * Responds well to plant growth regulators
- * Cool crop requiring little or no heat
- * Especially attractive in hanging baskets

	Annual		Bedding Plant
	Bedding + mixed combo		Half shade + full sun
	Mounding		700-800/gram
	20 cm		Pellet
	20 cm		Pack, pot 9 -10.5 cm

Culture Guide

Plug Culture

- Stage 1** (days 1-7) Mimulus seed is extremely small so the Mystic series is available as pelleted seed to make sowing easier. Sow the pellets in a well-drained media and do not cover the seed since it requires light to germinate. Ideal germination temperature is 20°C. Mist the seed as needed to melt the pellet and keep the media moist.
- Stage 2** (days 8-15) After germination, lower the temperature to 12-15°C and fertilize with 50 ppm N from a well-balanced calcium nitrate based fertilizer. Apply 50 ppm N from a well balanced calcium nitrate based fertilizer.
- Stage 3** (days 16-27) The plugs are beginning to fill in the plug tray. Drop the temperature to 10°C. Mimulus is a moisture loving plant, never allow it to dry out during the production stage. Fertilize weekly with 75 ppm N. Use temperature to control height.
- Stage 4** (day 28) Plants are now ready for transplanting into packs, pots and baskets. Mimulus Mystic grows rapidly so do not delay transplanting.

Pack & Pot Culture

- In general** Mimulus Mystic is a highly attractive plant that sells well in early Spring. By nature, Mimulus flowers are highly sensitive to ethylene and shatter easily when sleeved. Mimulus plants are best shipped unsleeved on open racks.
- Media** Well-drained but with sufficient moisture holding ability for the consumer.
- Transplanting** Carefully remove the seedlings from the plug tray and plant them into packs, pots and baskets.
- Temperature** Mimulus performs best at cool temperatures. Optimum growing temperature is 10-15°C.
- Fertilizer** The Mimulus Mystic series grows rapidly and requires moderate fertilization. Apply 100-150 ppm N weekly or as needed to maintain a soil EC of 1.0 to 1.2 mmhos (1:2 slurry). The use of a well-balanced calcium nitrate-based fertilizer is recommended to build strong plants.
- Lighting** Obligate long day plant requiring >13 hours to initiate flowers. 54,000-75,000 lux.
- Growth regulators** Dry cultivation and B -nine (daminozide) or both effective.
- Pests & diseases** Botrytis, Powdery Mildew.

**Crop
schedule**

Mimulus Mystic flowers in 65-70 days from sowing. Sowing time: Mid-January, Flowering time: Early-April.

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.