

Mimulus Mystic

Crop	Mimulus
Series	Mystic
Botanical name	<i>Mimulus hybrid</i>
Plant type	Annual
Seed type	Pellet
Seed count	800 pellets / gr
Germination	20 °C - 7 days light favored
Growing	10-15°C
Optimum pH	5.8-6.2

Plug Culture: 4 Weeks (288 cell tray)

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 plug tray filled with well-drained media and do not cover the seed since it requires light to germinate. Mist the seed as needed to melt the pellet and keep the media moist. Ideal germination temperature is 20°C.

Stage 2 (days 8-15) After germination, lower the temperature to 10-15°C, and fertilize with 50 ppm of nitrogen from a well-balanced calcium nitrate based fertilizer.

Stage 3 (days 16-27) Seedlings are beginning to fill in the plug tray. Drop the temperature to 10°C and fertilize weekly with 75 ppm of nitrogen. Mimulus is a moisture loving plant, never allow it to dry out during the production stage.

Stage 4 (days 28) Seedlings are now ready for transplanting. Mimulus Mystic grows rapidly so do not delay transplanting.

Transplanting to finish: 6 weeks

Transplanting: Carefully remove the seedlings from the plug tray and transplant them into pots.

Fertilizer: The Mimulus Mystic series grows rapidly and requires moderate fertilization. Apply 100-150 ppm nitrogen weekly or as needed to maintain strong growth. The use of a well-balanced calcium nitrate based fertilizer is recommended to build strong plants.

Temperature: Mimulus performs best at cool temperatures. Optimum growing temperature is 10-15°C.

Plant growth regulators: Dry cultivation and daminozide or both effective.

Flowering: Obligate long day plant requiring. More than 13 hours day length is required to initiate flowers.

Crop Schedule: Mimulus Mystic flowers in 65-70 days from sowing.
 Sowing: mid January
 Flowering: early April

Marketing Tips: 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. Mystic is ideal for independent retailers due to its showy flowers and special handling needs. The Mystic series includes both clear and spotted colors. For a brighter appearance, select the non-spotted colors

All information given is intended for general guidance only and may have to be adjusted to meet individual needs. Cultural details are based on Asian conditions such as in Japan and Sakata cannot be held

responsible for any crop damage related to the information given herein. Always follow manufacturer's label instructions. Testing a few plants prior to treating the entire crop is best.