

# Tagetes erecta F1 Proud Mari



# SAKATA®

Proud Mari – a shiny performance in the garden! Proud Mari is early flowering, has strong stems and a uniform habit. This Tagetes is available in three shining colours: Gold, Orange and Yellow, all compact and early varieties. Sakata is proud to offer the most uniform Tagetes series in the market!



- ✿ Very uniform in earliness and habit
- ✿ Compact type for packs and pots
- ✿ Strong flower stems
- ✿ Outstanding garden performance

	Annual		Bedding Plant
	Bedding, Landscaping		Half shade + full sun
	Upright		325-375 seeds/gram (normal seed)
	25-30 cm		Detailed + Coated
	25-30 cm		Pack, pot 9-10.5 cm

## Culture Guide

### Plug Culture

- Plug stage 1** (days 1-7) Select a well-drained media with a pH of 5.8-6.2 and a EC less than 0.7, seeds can be sown in a 480 or 264 cell-size plug trays, or similar cell sized trays. Cover the seeds with a thin layer of vermiculite. Optimum germination temperature is 20-22°C. Light is not necessary for germination. Keep soil wet during the first 4 days after sowing.
- Plug stage 2** (days 8-15) Keep temperature at 18°C during night and 20°C during the day, keep soil medium wet. Begin feeding at 75-100 ppm nitrogen from a well-balanced calcium nitrate based formulation.
- Plug stage 3** (days 16-21) temperature 16-18°C during the night and 18-20°C during the day, increase fertilizer up to 100-150 ppm nitrogen from a well-balanced calcium nitrate based formulation with a EC at 0.7-1.0. Growth regulators are generally not required during plug production.
- Plug stage 4** (days 22-28) Do not hold the plugs too long and transplant on time.

### Pack & Pot Culture

- In general** Production in packs or 9-10.5 cm pot for bedding or landscaping use.
- Media** Select a well - drained media with a pH of 5.8-6.2 and an EC less than 1.0.
- Transplanting** Transplant on time, delay in transplanting will result in too early bud development.
- Temperature** 16°C during the night and 18-20°C during the day.
- Fertilizer** Keep the media medium wet and start with fertilizing one week after transplanting and apply fertilizer( 150-175 ppm nitrogen from a well-balanced calcium nitrate based formulation) every time water is given with a total of EC 1.2-1.5
- Lighting** Proud Mari is a facultative short day plant, and the critical day length is about 12 hours, when days are shorter than 12 hours Proud Mari will flower earlier, when days are longer than 12 hours it will take an extra 10-14 days to flower.
- Growth Regulators** If needed, 1-2 applications of Daminozide at 2000 PPM will control growth, but normally not needed when grown under short day conditions.
- Pests & Diseases** Pests: Aphids, Trips and Mites. Diseases: Alternaria, Pythium and Botrytis.
- Crop Schedule** Plug crop time: 4 weeks, transplant to finished product: packs: 6-7 weeks, 10.5 cm pot: 7-8 weeks.

*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*