

## Tomato Marzito F<sub>1</sub>

(*Solanum lycopersicum*)

Vegetables Culture (revised 12/02/24)

- Versatile and perfect for all occasions – eating fresh off the vine or cooking up in a quick sauce.
- The elongated shape is reminiscent of a small Roma tomato, which is great for cooking.
- The firm texture and sweet, rich flavour mean it can be eaten fresh like cherry and grape tomatoes.
- Great disease resistance, too! Resistant to leaf mold, Fusarium, nematodes and tobacco mosaic virus.
- Best grown in-ground, including high tunnels.

### General Information

Exposure	Bloom Season	Height	Spread	Spacing
Sun	Spring, Late Spring, Summer, Late Summer	60-84 in. (152-213 cm)	36-48 in. (91-122 cm)	18-36 in. (46-91 cm)

### Germination

Seed Form	Recommended Plug Size	Seeds/Cell	Plug Crop Weeks	Days from 50% to maximum germination	Initial Media pH/EC (1:2)	Cover Seed
RAW	288	1	3-4	2-3	5.5-5.8 pH 0.5 mmhos/cm	Light cover

### Plug Production

	Stage 1	Stage 2	Stage 3	Stage 4
<b>Moisture</b>	Level 4	Level 3-4	Level 2-3	Level 2-3
<b>Temperature</b>	70-75°F (21-24°C)	68-72°F (20-22°C)	68-72°F (20-22°C)	65-68°F (18-20°C)
<b>Light</b>	Optional	1,000-2,500 f.c. (10,800-26,900 Lux)	1,000-2,500 f.c. (10,800-26,900 Lux)	2,500-5,000 f.c. (26,900-53,800 Lux)
<b>Fertiliser</b>	Less than 100 ppm N (Less than 0.7 EC)	Less than 100 ppm N (Less than 0.7 EC)	Less than 100 ppm N (Less than 0.7 EC)	Less than 100 ppm N (Less than 0.7 EC)

### Fertiliser Notation

Tomatoes are very sensitive to high salts, particularly high ammonium, during germination. Keep ammonium level to less than 10 ppm.

### Propagation Key Tips

Height can be controlled by withholding fertiliser, avoiding overwatering, growing under high light conditions and using DIF when possible. If necessary, uniconazole (Sumagic) at the rate of 2.5 to 5 ppm can be applied at 2 weeks after sowing for height control. Repeat 2 weeks later if needed.

### Growing on to Finish

Growing on Temperature	Target Media pH/EC (1:2)	Fertiliser	Daylength
(day) 65-70°F (18-21°C) (night) 62-65°F (17-18°C)	5.5-6.2 pH 0.75-1.0 mmhos/cm	Less than 100 ppm N (Less than 0.7 EC)	-

### Days to Ripe Fruit

50-55

## Crop Scheduling

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Container Size	Plugs/Pot	Crop Time	Season	PGR
Cell Pack	1 (ppp)	2-4 (weeks)	Spring	-
4"/4.5"/Quart/10 cm	1 (ppp)	2-4 (weeks)	Spring	-
5"/6"/1 Gallon/15 cm	1 (ppp)	4-6 (weeks)	Spring	-

### Finishing Key Tips

Indeterminate variety. Performs best when grown in-ground and with support.

NOTE: Growers should use the information presented here as guidelines only. PanAmerican Seed recommends that growers conduct a trial of products under their own conditions. Crop times will vary depending on the climate, location, time of year, and greenhouse environmental conditions. It is the responsibility of the grower to confirm the treatment is available in their region as well as read and follow all the current label directions relating to the products. Nothing herein shall be deemed a warranty or guaranty by PanAmerican Seed of any products listed herein. PanAmerican Seed's terms and conditions of sale shall apply to all products listed herein.

## Variety Pictures

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