

## Tomato Heirloom Marriage™ Perfect Flame F<sub>1</sub>

Vegetables Culture (revised 02/25/20)

(*Solanum lycopersicum*)

### New twists on old garden favourites

We trialed hundreds of heirlooms for key traits like colour, flavour, quality, yield. Our favourites were selected...crossed...tested and evaluated. The result: Heirloom Marriage hybrid tomatoes, with much higher yields and earlier maturity than their parents, plus all of the great flavour and less fruit blemishes.

- Orange saladette tomato with sweet-tart fruitiness.
- Earliest-ripening Heirloom Marriage variety.
- A cross of Peron and Flamme.
- Best in-ground.

## General Information

Exposure	Bloom Season	Height	Spread	Spacing
Sun	-	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 to Germinate	Initial Media pH/EC	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>Fertilizer</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

### Fertilizer 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 fertilizer, avoiding overwatering, growing under high light conditions and using DIF when possible. If necessary, uniconazole (Sumagic) at a 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	Fertilizer	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

65-70

## 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	1 (ppp)	2-4 (weeks)	Spring	-
5"/6"/1 Gallon	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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Heirloom  
Marriage  
Perfect Flame

PanAmericanSeed™

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