

Tomato Stellar F₁

(*Solanum lycopersicum*)

Vegetables Culture (revised 02/24/19)

- The perfect slicer for areas with high disease pressure; highest level of disease resistance occurs when planted apart from other tomatoes.
- Produces lots of round, red fruit that is perfect for all uses.
- Best in-ground; benefits from trellis for support.

General Information

Exposure	Bloom Season	Height	Spread	Spacing
Sun	-	30-36 in. (76-91 cm)	24-36 in. (61-91 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
Moisture	Level 4	Level 3-4	Level 2-3	Level 2-3
Temperature	70-75°F (21-24°C)	68-72°F (20-22°C)	68-72°F (20-22°C)	65-68°F (18-20°C)
Light	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)
Fertilizer	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 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

70-75

Crop Scheduling

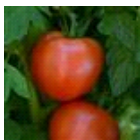
Container Size	Plugs/Pot	Crop Time	Season	PGR
Cell Pack	1 (ppp)	2-4 (weeks)	Spring	-
4"/4.5"/Quart	1 (ppp)	2-4 (weeks)	Spring	-
5"/6"/1 Gallon	1 (ppp)	4-6 (weeks)	Spring	-

Finishing Key Tips

Determinate 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



Stellar



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