

# Tomato F1 Plumbrella series



<b>Life cycle</b>	Annual/vegetables
<b>Family/origin</b>	Solanaceae/South America
<b>Popular uses</b>	Containers, pots, mixed containers and perfectly suited as patio plant
<b>Mature plant height</b>	30-35 cm (12-14")
<b>Mature plant width</b>	25-30 cm (10-12")
<b>Pot size</b>	10-15 cm (3,5-5")
<b>Plants per pot</b>	1 plant in small pots 3 plants in large containers
<b>Sun exposure</b>	Full sun
<b>Water requirements</b>	Reduced
<b>Flowering season</b>	Entire growing season
<b>Media</b>	A well-drained, porous media is best to prevent over watering pH 5.5-6.2 EC 0.5-1.8 (50-150 ppm)
<b>Growing temperature</b>	18-21°C (65-70°F) day and 14-16°C (58-60°F) night temperature. Higher average day temperature will speed up the process
<b>Light</b>	Increasing day-length induces flowering
<b>Fertilizer needs</b>	Balanced N:P:K fertiliser with a calcium-based EC 1.8-2.5 (150-200 ppm)
<b>Crop time</b>	15-16 weeks fruits
<b>Hardiness zone</b>	N/A



*Creamy yellow*

### Growth regulators

N/A

### Common Diseases

Pythium, Phytophthora, Leaf spot and Botrytis

### Common Pests

Whitefly and Aphids

### Pinching

No need

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## Plug Production



<b>Seed forms</b>	Raw-profi-seed
<b>Seed count</b>	350-550 sds/gr (9,800-14,40 sds/oz) <i>Varies by lot!</i>
<b>Seeds cell</b>	1
<b>Vermiculite cover</b>	Light
<b>Stage 1 Germination</b>	2-3 days for germination. Media pH 5.5 to 6.2 0.5-1 EC (50-75 PPM ) Use calcium based fertilizers Moisture: Tomato seed needs a lot of moisture, keep medium saturated. Soil medium temperature: 20-22°C (68-72°F)
<b>Stage 2 Stem and cotyledon</b>	Moisture: slightly reduce moisture levels to encourage root penetration Temperature: 20-22°C (68-72°F) Fertilizers: use calcium based fertilizers at EC 0.7-1.2 (100-175 ppm) Lighting: Provide light levels of 10,800-26,900 Lux (1,000-2,500 fc) for the remainder of plug production
<b>Stage 3 Growth and development</b>	Moisture: reduce moisture levels and allow medium to dry between watering. Do not allow plants to wilt Temperature: 20-22°C (68-72°F) Fertilizers: as stage 2 To prevent stretching alternate with potassium nitrate at EC 0.7-1.2 (100-175 ppm) Lighting: light levels of 10,800-26,900 Lux (1,000-2,500 fc) for the remainder of plug production
<b>Stage 4 Ready for transplanting</b>	Maintain soil temp. at 18-20°C (65-68°F) ± 10 days Moisture: reduce moisture levels and allow medium to dry between watering Lighting: see stage 3
<b>Plug crop time</b>	4-5 weeks
<b>Approximate finish time</b>	11-14 weeks
<b>Special tips</b>	Plumbrella is a pot plant (momentary plant) product, the plant is suitable as a table product for terrace and balcony, and is not suitable for planting in open soil and greenhouse productions

