

# easy grow guide

## Tomato Summerlast

(Solanum lycopersicum)



### Plug Production: 288 plugs or larger

<b>Sowing/Media:</b>	Use a well-drained, disease-free, peat based plug medium with pH 5.5-6.0, EC <0.75 mmhos.
<b>Germination Stage 1: (2-4 days)</b>	Media should be saturated and humidity needs to be high until radicle emergence. Temperature should be 65-72°F (18-22°C). Cover lightly with vermiculite. Light is not necessary for germination but can be beneficial for height control.
<b>Germination Stage 2: (5-12 days)</b>	Maintain media temperature at 65-72°F (18-22°C). Keep media evenly moist at all times, but not wet. Humidity can now be reduced by 50%. Keep light levels between 1000-2000 f.c. Use supplementary lighting to boost light levels during periods of low light.
<b>Germination Stages 3&amp;4: (13-28 days)</b>	Temperature can be lowered to 65-68°F (18-20°C), even as low as 59°F (15°C), but this will slow growth slightly. The surface of the media can be dried down before irrigating again but always avoid wilting. Increase light levels to 2500-5000 f.c. to help prevent stretching. Fertilize as required using balanced fertiliser at 100ppm N. Keep media pH at 5.5-6.0 and EC <0.75mmhos.

### Growing On to Finish: 4.5”(11cm), 6”(15cm) or 12”(30cm) pot (with support)

<b>Media:</b>	Use a well-drained, disease free, peat-based growing mix with pH 5.5-6.2 and EC <1 mmhos.
<b>Temperatures:</b>	Day temperatures should be 65-70°F (18-21°C), night temperatures should be 59-65°F (15-18°C).
<b>Light:</b>	Keep light levels as high as possible to prevent stretch and encourage fruiting.
<b>Irrigation:</b>	Once plants have established in the pot, practice a good wet/dry cycle to aid root development and control plant height. Avoid wilting.
<b>Fertiliser:</b>	Feed as required using a balanced fertiliser at 100-150ppm. Maintain EC levels <1.0. A light fertilisation regime will help prevent stretch and keep plants compact. If finishing in a larger container with fruit set, fertilisation should be increased once fruit begin to form. At this stage fertilise constantly at 150-200ppm N using a higher K formulation, leaching occasionally. Ensure adequate calcium is available at all times from fruit formation to harvest.
<b>Growth Regulators:</b>	Good moisture and fertiliser management combined with the high light levels and temperatures should limit the need for PGRs. Summerlast is naturally compact and strong stemmed.
<b>Pests:</b>	Whitefly, Aphids, Thrips
<b>Diseases:</b>	Resistant to TMV (Tobacco Mosaic Virus), Late blight (Phytophthora infestans) strains 2, 3.

### Plug Times:

<b>288 plug:</b>	3-4 weeks
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### Transplant to Finish:

Container	Plants/Container	Transplant to finish	Total Crop Time
<b>4.5”(11cm)</b>	1 x plug	2-4 weeks	5-8 weeks
<b>6”(15cm)</b>	1 x plug	4-6 weeks	7-10 weeks
<b>12” (30cm)</b>	1 x plug	11-13 weeks (1 <sup>st</sup> ripe fruit)	15-17 weeks

Crop times are based on UK trials under optimum conditions. Alternative environmental conditions and cultural regimes can alter the crop times stated above.