

easy grow guide

Garlic Chive Gigantic

(Allium schoenoprasum L)



Plug Production: 512 plugs or direct sow into final container

Sowing/Media:	Use a well-drained, disease-free, peat based plug medium with pH 6.0-7.8, EC <1 mmhos. If sowing directly into final container, sow 5-10.
Germination Stage 1: (10-14 days)	Media should be saturated and humidity needs to be high until radicle emergence. Day and night Temperature should be 70-75°F (21-24°C). A light covering of vermiculite or growing medium can aid humidity.
Germination Stage 2: (14-21 days)	Once radicles emerge, media temperature should be maintained at 70-75°F (21-24°C). Once cotyledons are fully open, allow the media to become moist, not saturated and maintain even moisture. Humidity can now be reduced, but only slightly. Keep light levels between 1000-2000 f.c. HID lights can be used to boost light levels during periods of low light.
Germination Stages 3&4:	Temperature can now be kept around 65-75°F (18-24°C). Dry media down slightly between irrigations. Light levels can be increased to around 2500 and 3000 f.c. Fertilize as required using balanced calcium fertiliser such as a 14-0-14 or 17-5-17 at 50-100ppm. Keep media pH at 6.0-7.8 and EC <1.0 mmhos.

Growing On to Finish: flats or 4" (10cm) pot

Media:	Use a well-drained, disease free, peat-based growing mix with pH 6.0-7.8 and EC <1 mmhos.
Temperatures:	Day temperatures can be 60-65°F (16-18°C), night temperatures can be 55-65°F (13-18°C).
Light:	Light levels should be increased to 3000-5000 f.c.
Irrigation:	Practice a good wet/dry moisture cycle but avoid wilt as this can cause leaf scorch.
Fertilizer:	Feed every irrigation with 100 – 150ppm N from a balanced fertiliser such as 14-0-14 or 20-10-20. Keep media pH 6.0-7.8 and EC <1 mmhos.
Growth Regulators:	Good moisture and fertiliser management combined with the correct light levels and temperatures should limit the need for PGRs. It is not recommended that PGRs be used on any product that is to be consumed. This variety is naturally compact. DO NOT USE
Pests:	Thrips
Diseases:	Pythium, Botrytis, Downy Mildew (UK)

Plug Times:

512 plug:	35-49 days from sowing to transplant
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Transplant to Finish:

Container	Plants/Container	Transplant to Finish	Total Crop Time
18/32 cell flats	5-10 x plugs/seeds	9-11 weeks	14-16 weeks
4" (10cm) pots	5-10 x plugs/seeds	9-11 weeks	14-16 weeks

Crop times are based on optimum conditions. Alternative environmental conditions and cultural regimes can lengthen the crop times stated above.