

# Seventh Heaven



**New** Nemesia Seventh Heaven Mixed NEM100



**New** Seventh Heaven Pink NEM106



**New** Seventh Heaven Blue NEM102



**New** Seventh Heaven Bicolour NEM107



**New** Seventh Heaven White NEM101



**New** Seventh Heaven Bicolour NEM107

## Seventh Heaven

*F1 Nemesia x hybridus*

Featuring the first bicolour of its kind from seed, Seventh Heaven brings the performance of vegetative varieties into an easier to handle seed format. Seventh Heaven has denser and better branched foliage and larger flowers than other seed varieties. Selected colours also have the added benefit of a very sweet fragrance.

<b>Seed Form</b>	Pelleted
<b>Seed Count</b>	149,000/oz - 5,200/g
<b>Garden Height</b>	12 - 14" (30 - 35cm)
<b>Garden Spread</b>	14 - 16" (35 - 40cm)
<b>Flower</b>	½ - ¾" (1 - 1½cm)



**floranova**  
creative plant breeding

# Easy Grow Guide

## Nemesia Seventh Heaven

F1 *Nemesia x hybridus*



### Plug Production: 512 or 288 plugs

#### Sowing/Media:

Use a well-drained, disease-free, peat based plug medium with pH 5.5-6.0, EC 0.75 mmhos. Cover seed lightly with vermiculite.

#### Germination Stages 1 & 2:

Keep medium uniformly moist, media temperature should be 68-72°F (20-22°C), Light is not necessary for germination. Maintain media moisture throughout stage 1 which is 3-5 days. During stage 2 media moisture can be reduced slightly. Fertilize with 50-100ppm N from a nitrate based fertilizer.

#### Germination Stage 3:

Allow media to dry further between irrigations to improve rooting, but avoid stress. Maintain media temperature 68-72°F (20-22°C) during the day, but night temperatures can be reduced at this stage to 61-65°F (16-18°C). Light levels should be 2500-3000 f.c. Fertilize every other watering with 100-150ppm N from 15-5-15 or 17-5-17 fertilizer. Keep media pH 5.8-6.2 and EC <1.0 mmhos.

#### Germination Stage 4:

Maintain media moisture and fertilizer rates as per stage 3. Day temperatures can be reduced to 65-68°F (18-20°C), night temperatures can be lowered to be 59-63°F (15-17°C), light levels can be up to 5000 f.c. if possible. Keep media pH 5.8-6.2 and EC <1.0 mmhos.

#### Growth Regulators:

If above conditions can be maintained during the plug stage, growth regulators should not be necessary. However if needed, sprays of B-Nine (2500 ppm) will help tone the plants (It is best not to apply PGRs until stage 3). Weather conditions and cultural practices directly affect how much growth regulator to use, so it is recommended that you run your own trials.

### Growing On to Finish: Packs, 4" (10cm) pots

#### Media:

Use a well-drained, disease free, peat-based growing media with a pH 5.8-6.2, EC <1.5mmhos.

#### Temperatures:

Keep day temperatures at 65-68°F (18-20°C) and night temperatures at 53-59°F (12-15°C). Cooler night temperatures than this will help to tone the plants but will increase the crop times. Seventh Heaven can tolerate a light frost once established.

#### Light:

Keep light levels up to 5000 f.c.

#### Irrigation:

Practice a good wet/dry moisture cycle avoiding stress. This will aid root development and control height.

#### Fertilizer:

Fertilize once-twice a week with 150-200ppm N from a nitrate based fertiliser, such as 15-5-15 or 17-5-17. Keep media pH at 5.8-6.2 and EC no higher than 1.5-2.0 mmhos.

#### Growth Regulators:

Seventh Heaven should not need growth regulators when grown under the correct conditions, particularly cooler temperatures. However If the ideal conditions can't be achieved, sprays of B-Nine (5000 ppm) can be used. It is best to run your own trials to avoid overdosing, as environmental conditions and cultural practices can affect results.

#### Pests:

Aphids, Thrips (Nemesia in general are highly susceptible to INSV which is spread predominantly by thrips, so good thrip control is crucial.

#### Diseases:

Botrytis

### Plug Times:

**512 Plug:** 3 weeks from sowing to transplant

**288 plug:** 4 weeks from sowing to transplant

### Transplant to Finish:

Container	Plants/Container	Transplant to Finish	Total Crop Time
4"(10cm):	1 x 288 plug	6-7 weeks	10-11 weeks
6"(15cm):	3 x 288 plugs	6-7 weeks	10-11 weeks

Crop times are based on UK Spring trials under natural day length. Alternative environmental and cultural regimes can alter the crop times stated above.