

Cultural recommendation

Nemesia

Description

Name: Nemesia cultivars

Family: Scrophulariaceae



Product use

Use: Early Bedding- and Balcony Plant

Exposure: Full sun – half shaded

Technical recommendations

Potting and Spacing:

Recommended pot size	Potting week	Spacing plants/m ²
10,5 – 13 cm	48 - 12	25-36/m ²
14 – 19 cm	48 - 10	16-22/ m ²

Substrate: Use a well-drained, disease-free, soilless medium with a good structure and pH 5.8-6.2.

Fertilizer: Start feeding when first roots become visible. Use a balanced 1-0,5-1,5 + Ca+Mg fertilizer with microelements at 1-1,2 gr/l in every watering.

Temperature: First 2 weeks keep night temperature > 16 °C (62°F) until the crop is well established. Then nights: 10 to 12°C (50 to 54°F), day temperature: 12 to 14°C (52 to 57°F). Cooler temperatures can be used to help control growth and tone the plants at the end of the crop. Higher than recommended temperatures will cause stretch, weak stems and soft plants. Temperature may decrease to 3°C (37°F) without causing any damage.

Water: Media should be allowed to moderately dry between irrigations to prevent diseases and promote stronger growth. Don't let Nemesias get extremely dry since this can cause root damages, leaf chlorosis, necrosis, and shattering flowers. Keep foliage dry.

Light: Keep light intensity high. Low light levels promote stem stretch and reduced plant quality. During winter-spring time a high light exposure during the short days period and under medium-low temperatures lead to better branching and earlier flowering.

Pinching: Cultivation without pinching is recommended for fast production of smaller pot sizes as the varieties are genetically very good self-branching. According to the pot size it may be convenient to pinch once (12/13cm pots) or even twice for bigger pots and hanging baskets. Pinching once will cause a prolongation of crop time of about 12-15 days.

Technical recommendations

Growth regulation: Using the “Cool morning pulse” at the beginning of the growing/flowering time reducing the greenhouse temperature to 8°C (46°F) for 2- 3 hours at dawn, will help to reduce plant height, keep compact and hardened plants. Providing cool temperatures, high light and keeping the media on the dry side, will help to prevent stretching as well.

PGR's: Nemesias are responsive to Daminozide (Dazide/Alar/B-nine). This recommendation for plant growth regulators should be used only as general guideline. Growers must trial all PGR under their conditions and follow the registration uses of each chemical in their country.

Pest and diseases: Nemesias are sensitive to various pest under greenhouse conditions. Whiteflies, aphids, thrips and spider mites are the most common pest of Nemesias. Start with clean material at well disinfected facilities together with a proper pest management program using different controlling strategies: exclusion, monitoring and biological control are the preferred tools to control these pests.

Nemesias may react sensitive to several diseases like Phytophthora, Botrytis and several viruses.

Disease management should be addressed by sanitation strategies and setup of convenient environmental conditions prior to use biological and chemical control.

If chemical control can not be avoided, follow the registration uses of each product in your country.

Crop schedule * 10,5 -12 cm pot

Spring production:

Week	1	2	3	4	5	6	7	8	9
North	P	Pi						F	F
South	P	Pi					F	F	

Winter Production:

Week	1	2	3	4	5	6	7	8	9	10	11
South**	P	Pi								F	F

P: Potting. Pi: Pinch F: Finish plant

* This is a reference time schedule that can vary depending on the variety, growing conditions and region. Schedule starting from RC.

** South, winter production is possible under frost free conditions

Cultural recommendation

Crop schedule * 13 - 14 cm pot

Spring production:

Week	1	2	3	4	5	6	7	8	9	10	11
North	P	Pi								F	F
South	P	Pi							F	F	

Winter Production:

Week	1	2	3	4	5	6	7	8	9	10	11	12
South**	P	Pi									F	F

P: Potting. Pi Pinch F: Finish plant

* This is a reference time schedule that can vary depending on the variety, growing conditions and region. Schedule start from RC.

** South, winter production is possible under frost free conditions

NOTE: Growers should use the information presented here as guidelines only. Selecta One 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 read and follow all the current label directions relating to the products. Nothing herein shall be deemed a warranty or guaranty by Selecta One of any products listed herein