

## CULTURE ADVICE

### Petunia

<b>Description:</b>	pac <sup>®</sup> Happytonia <sup>®</sup> are robust, weather-proof and vigorous petunias characterized by striking colours. This variety is also suitable for mixed planting and flowers continuously all summer long. Tolerates full sunshine and heat, withstands even heavy rain!
<b>Potting:</b>	11/12 cm pot; calendar weeks 6 to 12, one young plant per pot. 18 to 25 cm hanging baskets; calendar weeks 3 to 2; 3 plants per basket. More plants are possible in larger containers.
<b>Substrate:</b>	Substrate of type 2 (white peat containing pot substrate). pH 5.0 - 5.8
<b>Fertilization:</b>	Petunias have an extremely high nutrient demand!!! Application of a liquid complete fertilizer (0.3 - 0.5 %) 2 to 3 weeks after potting is absolutely necessary once a week (twice a week at end of cultivation). Iron chlorosis can be easily prevented and remedied by means of a conventional iron chelate fertilizer (e.g. Sequestren, Optifer, FLORY 7 or the like). Admixing a long-time fertilizer is recommended for the final sale.
<b>Temperature:</b>	Very tolerant to temperatures; optimum at 14 - 16 °C. Higher temperatures result in soft, long shoots. Cold cultivation at 8 - 12 °C is possible and advantageous to the plant build-up. Take an extension of the cultivation time into account!
<b>Light:</b>	Full light, no shading!
<b>Flowering:</b>	As from mid-April (facultative long-day plant).
<b>Growth regulators:</b>	When necessary, spray potted ware several times with 0.05 % to 0.1 % Topflor.
<b>Pinching:</b>	Lopping or shaping is recommended in order to get a better plant build-up. 1 to 2 weeks after potting or immediately in case of a suitable young plant size.
<b>Diseases / pest:</b>	Miner fly, spider mite, flower thrips, plant lice. Virus infections through insects or insufficient hygienic measures are possible.

Water balance is of importance; the plants must not stand too wet, danger of botrytis, damage to roots and irregular plant build-up are the consequences.

Updated: 08/09/2009