

# Papaver nudicaule Garden Gnome

Item no.: S4361

## Crop Time

Spring: 13 - 15 weeks

## Height

35cm

## Exposure

Sun - Partial shade

## Seed Form

Raw Seed

## Hardiness Zone

3-7

## Best Uses

Bedding

## Culture guide

### Usage

Perennial for border and cottage garden, attractive plants for bees, container plants, cut flower production

### Sow time

Indoor forcing: January-July, for flowering in pots; Indoor forcing: July-August for flowering in the following year; Indoor forcing: October-July for cut flower production; Outdoor forcing: End April-June for cut flower production

## **Sowing method**

3-5 seeds per plug, tap root formation, sowing directly into final pots or field is recommended

## **Germination**

Germinates in 14-20 days at 60-68 °F (15-20 °C). Light is required for germination.

## **Growing on**

Transplant plugs after 8 weeks. Grow on at 50-60 °F (10-15 °C). Plants prefer cooler growing conditions.

Vernalization is not required for flower initiation.

## **Media**

Use a well-drained, growing substrate with 15-30 % clay, 10-15 % parts (e. g. bark, perlite, sand), 1-2 kg/m<sup>3</sup> complete balanced fertilizer, 0-2 kg/m<sup>3</sup> slow release fertilizer (3-6 months), iron-chelate, micronutrients, pH: 5.5-7.0. Field: loamy sandy humus soils with a good drainage. Standard fertilization: 40-60 g/m<sup>2</sup> of a slow release fertilizer.

## **Temperature**

Grow at 12-18 °C. Avoid temperatures above 25 °C. In winter indoors frost free at 3-5 °C or outdoors.

Outdoors fleece cover needed. In spring the plants start to grow for 8-9 weeks at 13-15 °C and long day.

If cultivated at high temperatures, the light intensity should be high for good plant quality. Cold

temperatures at 5-10 °C will increase the cultivation time by 2-4 weeks. A chilling period for flower initiation is not required.

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Stage I Starts with the radicle breaking through the testa. The roots are touching the medium. Ends with fully developed cotyledons.

Stage II Starts from fully developed cotyledons. Ends with the fully developed true leaf or true leaf pair.

Stage III Starts from the fully developed true leaf or true leaf pair and ends with 80% of the young plants being marketable.

Stage IV All young plants are ready for sale and in the process of being hardened off. This stage lasts about 7 days.

The cultural recommendations are based on results from trials conducted under Central European conditions. Different conditions in other parts of the world may lead to deviations in results achieved.