

Rudbeckia hirta Amarillo Gold

Item no.: U9070P

Crop Time

Spring: 13 - 15 weeks , Summer: 12 - 14 weeks

Height

33cm

Exposure

Sun

Seed Form

BeGreen Pelleting

Best Uses

Bedding, Pot Plant

Culture guide

Usage

Plants for border, pot and container plants, cut flower production

Sow time

November for flowering in pots from April onwards; April for flowering in pots from June onwards.

Sowing method

2-3 seeds per plug, can be sown directly into final pot. No cover is necessary however a light covering of vermiculite will aid in maintaining proper moisture and humidity levels during germination.

Germination

8-14 days at 68-72 °F (20-22 °C). Humidity should be between 95-100 % until day 11; then reduce to 40-60 %.

Growing on

Obligate long day plant; a day length > 13 hrs., with 6-8 true leaves will result in flower initiation. Short days (< 13,5 hours) can be used for bulking Rudbeckia vegetatively and keeping the finishing height of the plants shorter. Transplant plugs into 4.5" (11 cm) or larger pots.

Media

Use a well-drained, growing substrate with 20-30 % clay, 1-1,5 kg/m³ complete balanced fertilizer, 0-2 kg/m³ slow release fertilizer (3-6 months), iron-chelate, micronutrients, pH: 5.8-6.2. Field: loamy sandy to sandy humus soils with good drainage and good nutrition levels. Standard fertilization: 80-100 g/m² of a slow release fertilizer.

Temperature

Grow at 18-20 °C. The plants need warm temperatures for the growth. Temperatures of 16 °C increase the cultivation time by 3 weeks. Temperatures below 16 °C can be a cause for red colouring of leaves.

R. hirta does not tolerate frost.

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.