Rudbeckia hirta

# Toto®

**Lemon**

Art.-Nr.: RH0101P

- Compact pot type
- Huge amount of small, bright flowers
- Early flowering

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|---|---|
| **Crop Time** | Frühjahr: 14 - 16 Wochen , Summer: 12 - 14 Wochen |
| **Höhe** ⌀ | 23 cm |
| **Breite** ⌀ | 28 cm |
| **Flower Size** ⌀ | 6 cm |
| **Standort** | Sun |
| **Seed Form** | BeGreen Pelleting |
| **Product Use** | Gift Item, Topfpflanze, Containers |
| **Family, Origin** | Asteraceae, North America |
| **Minimum Germ. Rate** | 80% |

# TECHNICAL GUIDE

Rudbeckia hirta Toto®

**Verwendung**
Plants for border, pot and container plants

**Aussaattermin**
January for flowering in pots from April onwards; April: for flowering in pots from June onwards

**Kornablage**
2-3 seeds per plug, can be sown directly into final pot

**Keimbedingung**
8-14 days at 68-72 °F (20-22 °C)

**Topfen**
Transplant plugs into 4.5" (11 cm) or larger pots. Grow on at 60-64 °F (15-18 °C) day temperatures and 50-55 °F (10-13 °C) night temperatures. Feed weekly at 150 ppm nitrogen in a well balanced fertilizer mix.
Lighting: Requires a minimum day length of 14 hours to initiate flowering. Plants that do not receive sufficient day length will form rosettes and flowering will be delayed. Day length extension of greater than 16 hours can cause stem elongation. Light manipulation can be used to control plant growth.

**Medien**
Use a well-drained, growing substrate with 20-30 % clay, 1-1,5 kg/$m^3$ complete balanced fertilizer, 0-2 kg/$m^3$ 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/$m^2$ of a slow release fertilizer.

**Temperatur**
Grow at 18-20 °C. R. hirta needs 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.

**Düngung**
Moderate fertilization levels are required. Fertilize the crop weekly with 100-150 ppm nitrogen (at 0 kg/$m^3$ slow release fertilizer in substrate), using a potassium balanced fertilizer (N: $K_2O$-ratio: 1:1,5). Avoid high ammonium and high nitrogen levels. Prevent magnesium deficiency by applying magnesium sulphate (0,05 %) 1-2 times and in case of iron deficiency (above pH 6.0) apply iron-chelate for 1-2 times. Field: Take care of possible iron deficiency and apply iron-chelate for 1-2 times. N min soil value: approximately 130 g N/$m^2$.

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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.

# FARBEN DER SERIE

Rudbeckia hirta Toto®

**Gold**
RH0102P

**Lemon**
RH0101P

**Rustic**
RH0103P

**Mix**
RH0199P