

Rooting Rudbeckia ,Sunbeckia‘

Rudbeckia-Sunbeckia-rooting-english-20-12-13.docx

The Rudbeckia ‘Sunbeckia’ is a TC propagated variety of Rudbeckia hirta.

Generell instructions:

Once the TC material arrived, open the boxes and store under daylight conditions in a room with about 58 – 60° F.

Try to transplant as soon as possible.



Rooting Rudbeckia ‘Sunbeckia’

Growing details in Propagation

- Media
 - Use your general propagation media
 - Peat Perlite Mix
 - If possible with 10-20% Perlite
 - Low rate of feed
 - pH 5,5 – 5,8
- Tray
 - Use a 40 to 60 cell tray
 - Ellegard pots are also possible



- Temperatures
 - Heating 65 – 68°F day/night
 - Venting above 75 – 77°F
- Relative Humidity
 - Use in the 1st 3 – 4 days a polytunnel to cover or cover with a fleece
 - Carefully watch the plants! Too long coverage might cause some Botrytis.

- Fertilization
 - After roots are coming use low rates of Peters' Professional Plant Starter 10-30-20 to give rootsystem a boost before transplanting
 - This will be in the 3rd week of transplanting
 - Repeat this before transplanting (4th – 5th week)
- Daylength and intensity
 - Maintain a short day of 10 h after the first week until the 5th week
 - Below 3.000 lux use LED or HPS lamps
- Growth retardants
 - Apply if necessary once a spray of B-Nine 2.500 ppm in the 4th week after transplanting
- Diseases
 - Keep high sanitation level after transplanting. When Botrytis occurs spray with
 - Signum (Boscalid + Pyraclostrobin)
 - Teldor (Fenhexamid)
 - Geoxe (Fludioxonil)
 - Luna Sensation (Fluopyram + Trifloxystrobin)
 - Look for good ventilation once roots are coming!
- Pests
 - Rudbeckia ‘Sunbeckia’ are not very much attracted by pests.
 - Monitor for Aphids

Transplanting into 7,5 – 8,5” Containers

Transplant after the plants have fully rooted. In smaller trays like a 60 or 80 cell tray you achieve faster a strong root ball.

Daylength after transplanting into Containers

Start to give from transplanting on 12 -14 hours of daylength (day extension) to achieve early flowering. High light levels are possible and tolerated.

