



## Rudbeckia ,Sunbeckia'

*Rudbeckia-Sunbeckia-english-22-05-02.docx*

### About Rudbeckia ,Sunbeckia'

The Rudbeckia 'Sunbeckia' is a Rudbeckia hirta hybrid bred by Hartwig Bull in the very north of Germany.

Looking from a grower point of view, 'Sunbeckia' are:

- Strong growing with compact habit
- Finishing in 8-9 weeks from a liner
- Extremely even in production
- Sales window of 4-5 weeks
- Ideal summer and fall product
  - Can be offered along with mums
- 98% salable product
- High value product

Looking from the consumer point of view the features of this product are:

- Extremely long lasting
- Flowers stay good for about 3-4 weeks
- Perfect garden performance
  - Rainproof
  - Resists a little frost in the morning
- Perfect pollinator plant

Even so this product is not hardy it is in every sense a very special product. Rudbeckia 'Sunbeckia' is a from tissue culture started product.



*Rudbeckia 'Sunbeckia Olivia'*

All information in this sheet to the best of our knowledge!

### Growing details

- Substrate
  - Substrat mix should contain coarse components for good drainage
  - Use peat with a granulation of 0,25" to 1"
  - 20% wood fiber is also possible
  - A proportion of clay improves water capacity
  - pH 5,5 – 6,0
- Substrate Fertilization
  - Starter 1 kg / m<sup>3</sup> (0,15 oz / 1 gal)
  - Slow release fertilizer 3,5 kg / m<sup>3</sup> (0,5oz / 1 gal) 5-6 month release time.
- Container size
  - Ideal is a 1 to 1,2 gal container
  - Look for good drainage!
- Water management
  - Keep always moist
  - Overhead irrigation is possible
  - Dripper system is good as well
- Fertilization
  - Fertilize weekly with your watering
    - Start with a 21-10-11 or similar
    - Continue and finish with 15-15-15
    - Calcium nitrate can help moving plants if too small
    - 200-250 ppm N will be fine

- Pinching
  - Do not pinch! The terminal shoot results in a perfect and huge flower!



- Growth retardants
  - Use PGRs when the bottom shoots start to stretch, later when the flower buds are visible an stems start stretching.
  - Spraying can be done with
    - B-Nine 2.500 – 3.000 ppm in the 3 – 4<sup>th</sup> week after transplanting
    - Only if needed spray Bonzi 30 – 60 ppm in 8<sup>th</sup> – 9<sup>th</sup> week 1 or 2 times to maintain compactness and short flowerstems.

**Pests**

Rudbeckia 'Sunbeckia' are not very attracted by pests. Please monitor for

- Aphids in the early season
- Spidermites in warm and dry climates may occur
- Thrips and Bemisia has not been a problem



*'Sunbeckia' Field*

**Diseases**

In propagation keep high sanitation level, especially when started with TC. Botrytis should be monitored carefully. Other fungus have not been a problem in our own production.



*'Sunbeckia' in Igal Container*






*'Sunbeckia' - 3 layers on danish trolley*



*'Subeckia' resists also a little Frost like 28-30°F*

**General Information**

Rudbeckia 'Sunbeckia' can be started from Stage 3 direct from a tissue culture lab, to be transplanted in in 72 or 104 cell trays or with a young plant rooted from your young plant supplier in any of those trays. Due to the strong growing and therefore the short production time of 8-10 weeks from transplanting. Since Rudbeckia 'Sunbeckia' is a obligatory long day plant, it is not advisable to start transplanting before week 12. Beside an early spring crop, we recommend continue transplanting in a 3 weeks rhythm. The start in week 18 till 26 results in perfect summer and fall production. A flowering 'Sunbeckia' in mid August till end September will improve fall sales. In results in highly satisfied consumer due to the perfect garden performance.

Total weeks of production for a Rudbeckia 'Sunbeckia'															
1	2	3	4	5	6	1	2	3	4	5	6	7	8	9	10
 Stage 3 TC - Rooting in cell tray – 5 to 6 wks Use 60 to 80 cell tray						 Start	PGR Use in the first step B-Nine						PGR Use later Bonzi to keep flower stems short		
															Growing from a young plant
Week						Week						Week			
6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21