



Echinacea ‚SunMagic‘

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About Echinacea ‚SunMagic‘

The Echinacea ‚SunMagic‘ is a hybrid coming out of Echinacea purpurea and was bred by Hartwig Bull in the very north of Germany

Echinacea ‚SunMagic‘ are characterized by

- compact growth
- extremely good basal branching
- production time 10-11 weeks from transplant
- very even crop – fast harvesting
- sales window 3-4 weeks
- good product for summer sales
- 98% salable plants – high harvest rat

Characteristics for the garden lover

- extremely strong flowering due to good branching
- long lasting flowers
- perfect garden performance
 - in perennial beds
 - in containers on the patio
- perfect pollinator plant

Echinacea ‚SunMagic‘ are propagated in tissue culture.



Echinacea ‚SunMagic‘ Vintage Fuchsia‘

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

Growing details / outside crop

- Substrate
 - Substrate 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 / m³ (0,15 oz / 1 gal)
 - Coated fertilizer 3,5 kg / m³ (0,5oz / 1 gal) 5-6 month release time.
- Container size
 - Ideal is a 3 to 4 quart container with 1ppp
 - 6-7" pots are possible as well
- Water management
 - Keep always moist
 - Overhead irrigation is possible
 - Dripper system is good as well
 - avoid standing water!
- Fertilization
 - fertilize weekly with your watering in particular during flower development
 - Start with a 21-10-11 or similar
 - later go for a 15-15-15
 - Calcium nitrate can help moving plants if too small
 - 200-250 ppm N will be fine

- Pinching
 - pinching is not necessary since ‚SunMagic‘ doing first their vegetative growth from the base of the plant. Later flowers will be pushed. Terminal flowering is not know. Therefore no pinch needed.



- Growth retardants
 - using PGR helps a lot to even out your crop.
 - Use PGR after the plant has made it's roots. The branching can be forced with
 - Regalis 2000 ppm
 - B-Nine 3000 ppm
 - To keep flowerstems short treat with
 - B-Nine 3000 ppm

Pests

Echinacea ‚SunMagic‘ are not sensitive to pests

- Aphids could occur in the early season
- Spidermites in warm and dry climates
- Thrips infestation should be monitored



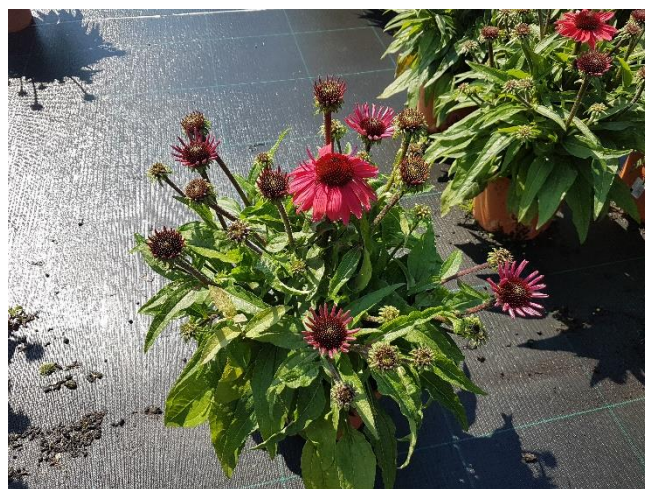
‚SunMagic Vintage Red‘ field in Gönnebek



Echinacea ‚SunMagic Vintage Serie‘ in beds at the Colorado State University in summer 2021. As you see this series is performing just perfectly.

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.




‚SunMagic Vintage Red‘ in 19cm (3 quart)



‚SunMagic Vintage Red‘ in 6” pot

General information

Echinacea ‚SunMagic‘ can be started from TC stage 3 and transplant in 77 cell liners or you order liners from your prepared rooting station. A indoor crop is not recommended but good be possible. In this case plastic cover is beneficial. The ‚SunMagic‘ is daylength neutral. The light sum is the flowering factor. Vernalization is not required. Plants flower in the first year. You can start your crop in week 12 until week 26.

| Kulturzeit / Wochen für die Produktion von Echinacea ‚SunMagic‘ | | | | | | | | | | | |
|--|--|--|---|---|---|-------|--|-------|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| Start  | | Regalis  | Dazide  | | Dazide  | | Dazide  | |  |  |  |
| Topfen in 3 L Cont. | Aufbau der Pflanze durch N-betonte Düngung und Hemmstoffbehandlungen | | | Umstellung der Düngung auf NK ausgewogene Dünger wie Universol Blau | | | Zur Bildung der Blüte benötigen die Pflanzen jetzt extrem viel Dünger. Weiterhin mit Uni-Blau | | | Blüte | |
| Beispiel einer Wochenplanung | | | | | | | | | | | |
| wk 18 | wk 19 | wk 20 | wk 21 | wk 22 | wk 23 | wk 24 | wk 25 | wk 26 | wk 27 | wk 28 | wk 29 |