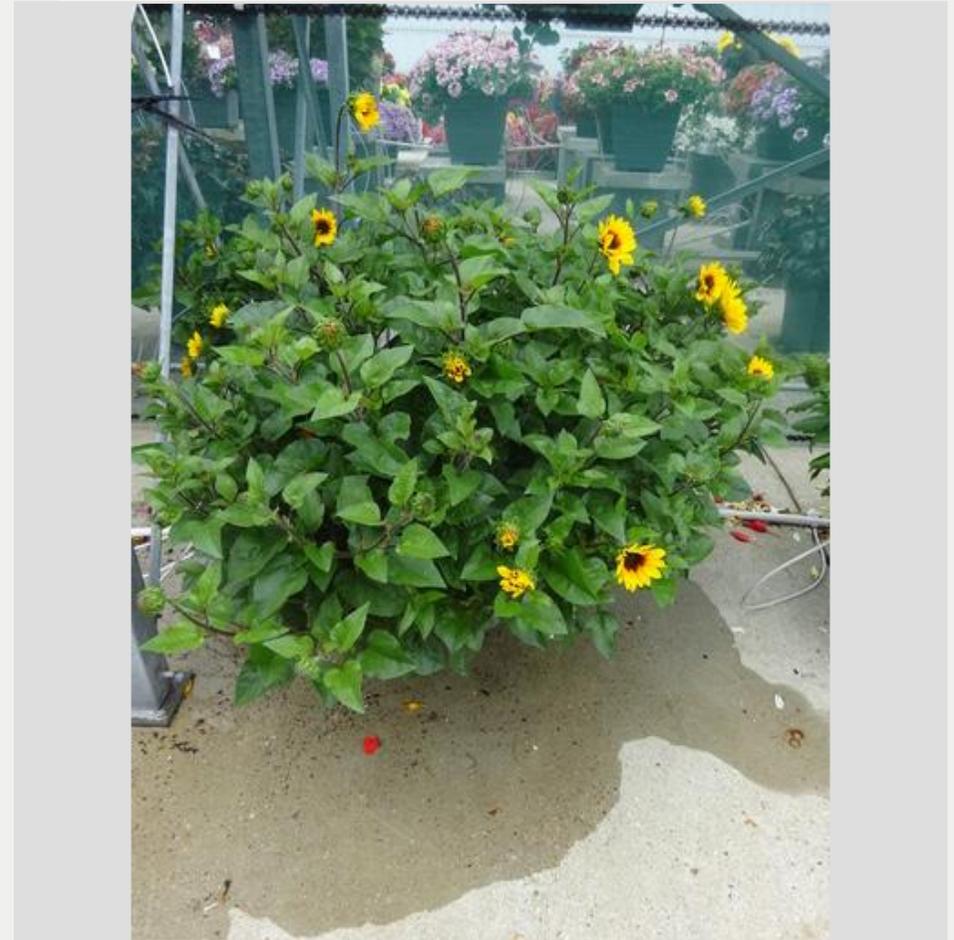


SHOWGARDEN

Helianthus - 2020

11/09/2020





HELIANTHUS

General information

During the entire summer, our showgarden is the place to judge, photograph and admire our assortment. Sunbelievable is definitely one of our eyecatchers. The plants are tested on their performance in the Dutch climate and our own conditions. By keeping track on the various crops and various, year by year, we get a reliable image of each variety. Certain crops are more sensitive for mildew, but this is not visible in the same way every year. The constant gathering of all data will lead to a reliable judgement.

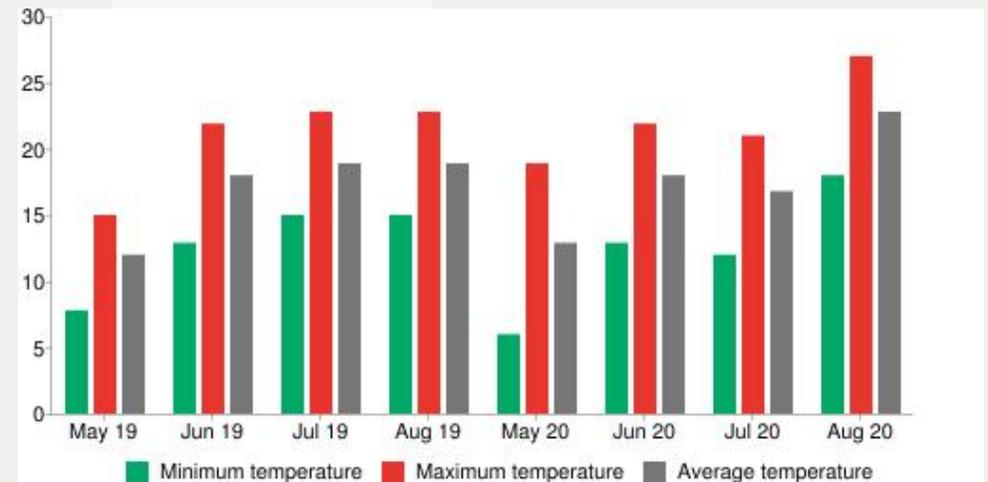
The plants are replanted from a small pot or as plugs planted into a 20 litre pot or 9,5 litre hanging basket around week 16. In each pot 5 plants are planted and in each hanging basket 3 plants. Around week 20, the plants are put outdoors after some hardening off in a cold greenhouse. The pots are placed on concrete stands, situated on a clean concrete flooring. The field is placed in such a way, that the plants are in full sun all day except for a small part with some morning shadow.

The special outdoor-potting soil is enriched with 3 kilos/m³ Osmocote slow release fertilizer for 5 to 6 months. Apart from that all pots are watered and fertilized by means of a drip system. Each watering is done with an EC of 2-2.5 on a vegetative schedule. The frequency of watering depends on the irradiation. We apply no crop protection chemicals except for 1 or 2 preventive mildew treatments before the middle of June.

You need to remove some dead flowers.

Climate

	May	June	July	August	Total
Rainfall average	60	65	81	72	278
Rainfall 2020 (mm)	12	78	51	236	377
Rainfall 2019 (mm)	30	121	76	46	273
Sunny hours average	199	194	206	187	786
Sunny hours 2020 (mm)	309	229	209	383	1130
Sunny hours 2019 (mm)	247	260	248	244	999



HELIANTHUS SUNBELIEVABLE® BROWN EYED GIRL - 2020

Information

Clone number	6000111
Gender	annuus
Pot type	40 cm pot
Breeder	T & M
Location	Plants Kortekruisweg
Flowertrial number/ field	15790 / 40
Starting material	Cutting
Sticking/sowing week	
Judging period	24 - 33
Lifecycle	Pre-commercial

Total 2020

Flower quality	5.0
Leaf quality	5.0
Mildew tolerance	5.0
Floriferousness (40%)	4.0
Plant judgement (60%)	5.0

Total scores

2020	4.6
2019	4.3
2018	4.5
Average	4.5



Judgement scale: 1=poor, 2=moderate, 3=average, 4=good, 5=excellent



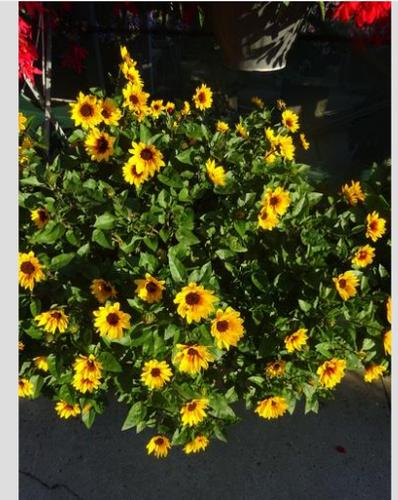
Week 24



Week 27



Week 30



Week 33

HELIANTHUS SUNRAY® YELLOW - 2017

Information

Clone number	6000093
Gender	annuus
Pot type	40 cm pot
Breeder	Burpee
Location	Plants Kortekruisweg
Flowertrial number/ field	13360 / 503
Starting material	Seed
Sticking/sowing week	11
Judging period	24 - 27
Lifecycle	Commercial

Total 2017

Flower quality	4.0
Leaf quality	4.0
Mildew tolerance	1.0
Floriferousness (40%)	4.0
Plant judgement (60%)	4.0

Total scores

2017	4.0
Average	4.0



Judgement scale: 1=poor, 2=moderate, 3=average, 4=good, 5=excellent



Week 23



Week 27



Week 30



Week 34

HELIANTHUS SUNSATION YELLOW - 2017

Information

Clone number	6000014
Gender	annuus
Pot type	40 cm pot
Breeder	Evanthia
Location	Plants Kortekruisweg
Flowertrial number/ field	13360 / 501
Starting material	Seed
Sticking/sowing week	11
Judging period	24 - 27
Lifecycle	Commercial

Total 2017

Flower quality	4.0
Leaf quality	4.0
Mildew tolerance	1.0
Floriferousness (40%)	4.5
Plant judgement (60%)	4.0

Total scores

2017	4.2
Average	4.2



Judgement scale: 1=poor, 2=moderate, 3=average, 4=good, 5=excellent



Week 23



Week 27



Week 30



Week 34

HELIANTHUS SUNSATION YELLOW SPIRIT - 2017

Information

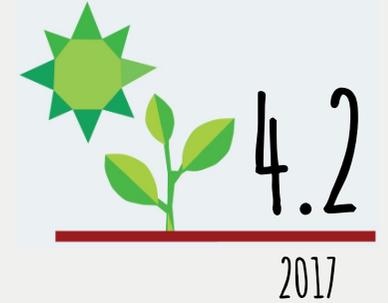
Clone number	6000104
Gender	annuus
Pot type	40 cm pot
Breeder	Evanthia
Location	Plants Kortekruisweg
Flowertrial number/ field	13360 / 502
Starting material	Seed
Sticking/sowing week	14
Judging period	24 - 27
Lifecycle	Pre-commercial

Total 2017

Flower quality	4.0
Leaf quality	4.0
Mildew tolerance	1.0
Floriferousness (40%)	4.5
Plant judgement (60%)	4.0

Total scores

2017	4.2
Average	4.2



Judgement scale: 1=poor, 2=moderate, 3=average, 4=good, 5=excellent



Week 23



Week 27



Week 30



Week 34