

SHOWGARDEN

Portulaca - 2020

11/09/2020





PORTULACA

General information

During the entire summer, our showgarden is the place to judge, photograph and admire our Portulaca assortment. 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.

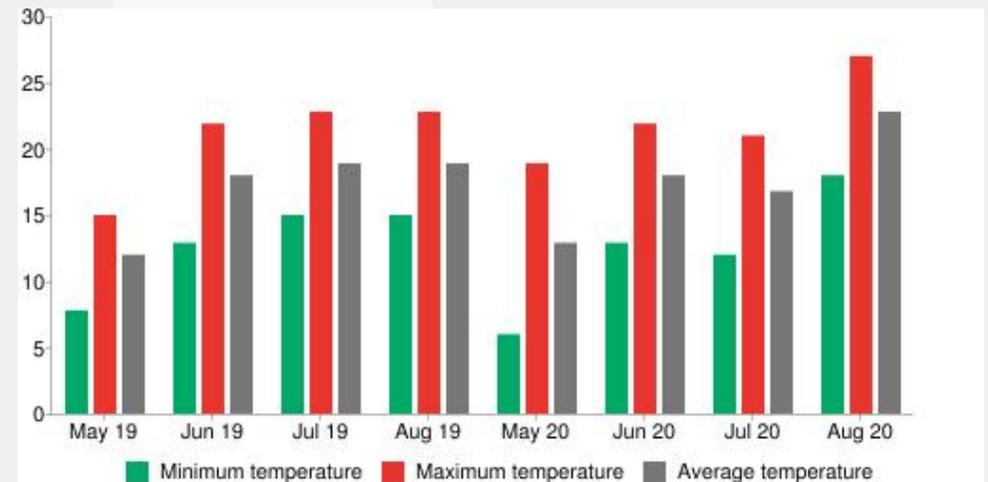
The plants are replanted from a small pot or as plugs planted into a 20 litre pot or 9,5 litre hanging basket around week 16. In each pot 5 plants are planted and in each hanging basket 3 plants. Around week 20, the plants are put outdoors after some hardening off in a cold greenhouse. The pots are placed 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.

It is not necessary to remove any 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



PORTULACA CAMPINO CHERRY - 2020

Information

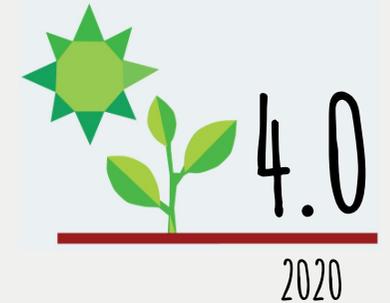
Clone number	4901913
Gender	umbraticola
Pot type	40 cm pot
Breeder	Danziger
Location	Plants Kortekruisweg
Flowertrial number/ field	15790 / 438
Starting material	Cutting
Sticking/sowing week	
Judging period	24 - 33
Lifecycle	Commercial

Total 2020

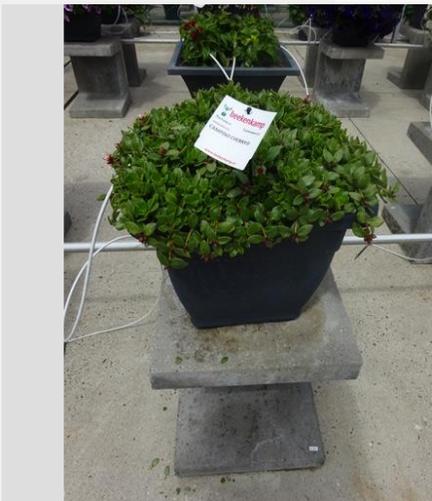
Flower quality	5.0
Leaf quality	4.5
Mildew tolerance	5.0
Floriferousness (40%)	3.5
Plant judgement (60%)	4.3

Total scores

2020	4.0
2019	4.5
2018	4.3
Average	4.3



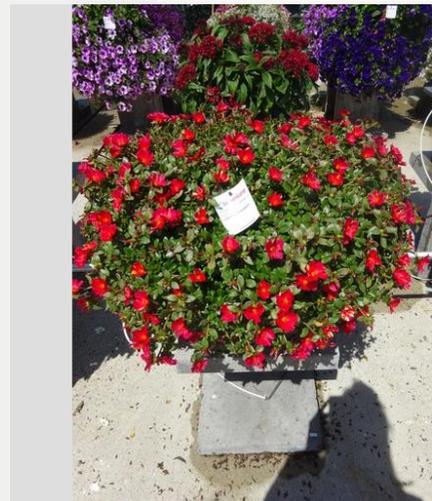
Judgement scale: 1=poor, 2=moderate, 3=average, 4=good, 5=excellent



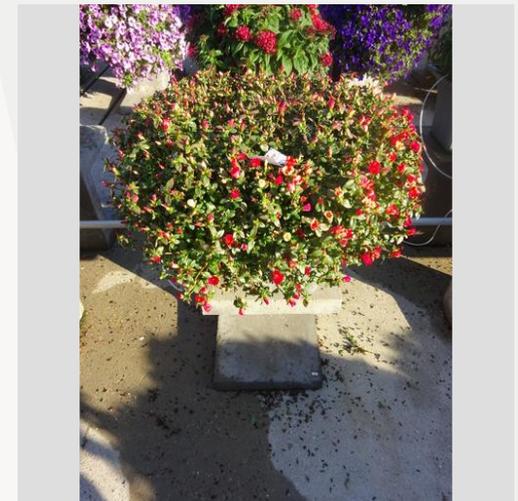
Week 24



Week 27



Week 30



Week 33

PORTULACA CAMPINO PITAYA - 2020

Information

Clone number	4901914
Gender	umbraticola
Pot type	40 cm pot
Breeder	Danziger
Location	Plants Kortekruisweg
Flowertrial number/ field	15790 / 439
Starting material	Cutting
Sticking/sowing week	
Judging period	24 - 33
Lifecycle	Commercial

Total 2020

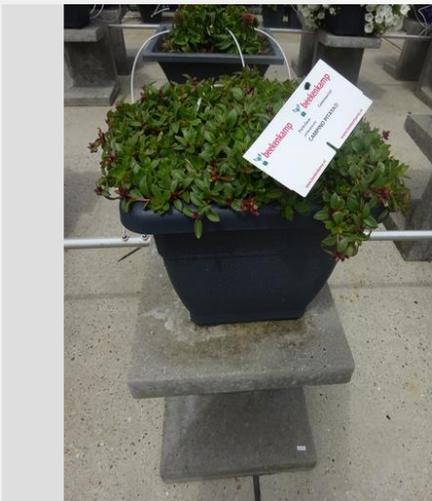
Flower quality	5.0
Leaf quality	4.5
Mildew tolerance	5.0
Floriferousness (40%)	3.5
Plant judgement (60%)	4.3

Total scores

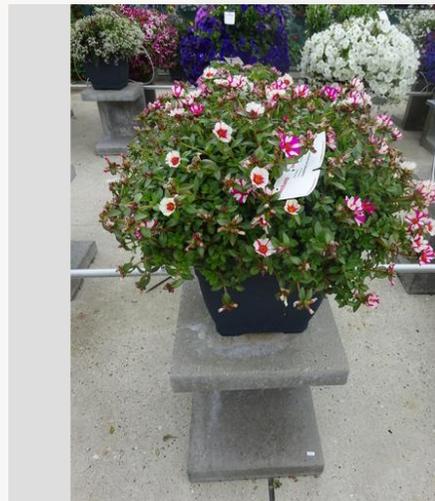
2020	4.0
2019	4.5
2018	4.4
Average	4.3



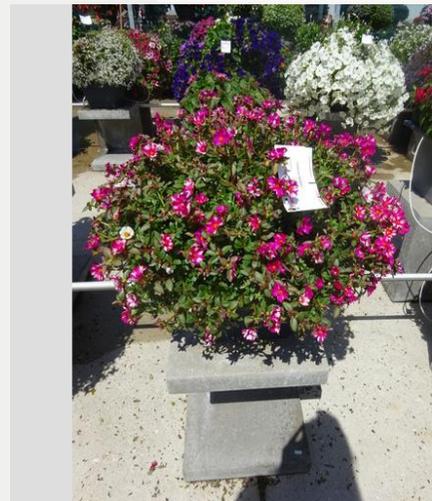
Judgement scale: 1=poor, 2=moderate, 3=average, 4=good, 5=excellent



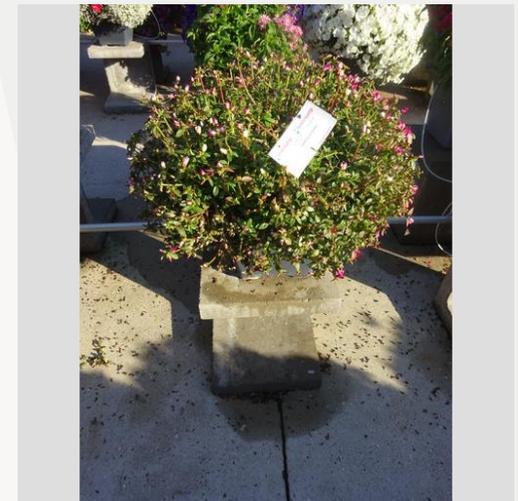
Week 24



Week 27



Week 30



Week 33

PORTULACA NANO 1:YELLOW/FUCHSIA/HOTPINK - 2020

Information

Clone number	4902552
Gender	umbraticola
Pot type	40 cm pot
Breeder	Danziger
Location	Plants Kortekruisweg
Flowertrial number/ field	15790 / 448
Starting material	Cutting
Sticking/sowing week	
Judging period	24 - 33
Lifecycle	Pre-commercial

Total 2020

Flower quality	4.8
Leaf quality	4.5
Mildew tolerance	5.0
Floriferousness (40%)	3.0
Plant judgement (60%)	4.0

Total scores

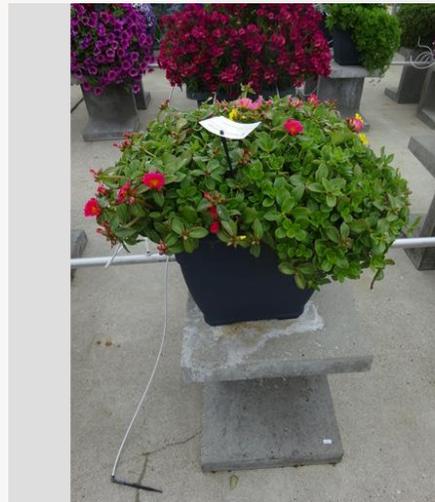
2020	3.6
Average	3.6



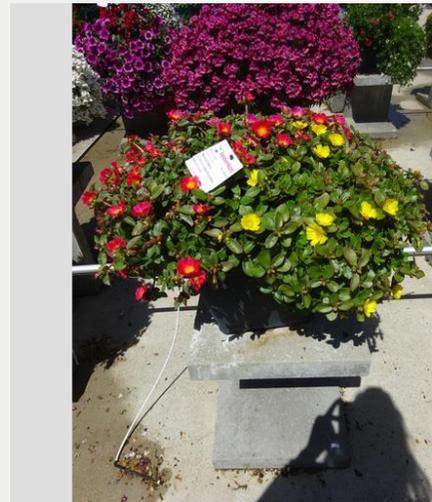
Judgement scale: 1=poor, 2=moderate, 3=average, 4=good, 5=excellent



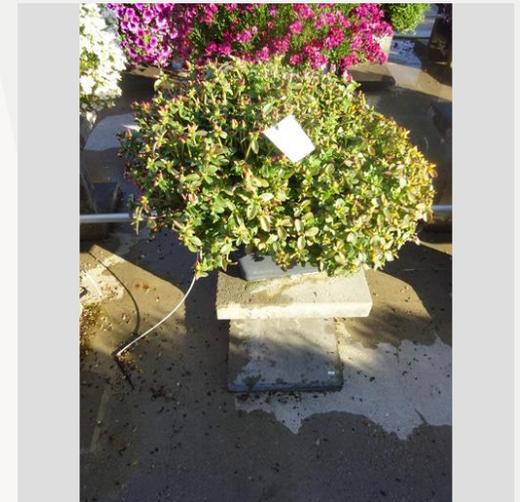
Week 24



Week 27



Week 30



Week 33

PORTULACA NANO 2:YELLOW/FUCHSIA/ORANGE - 2020

Information

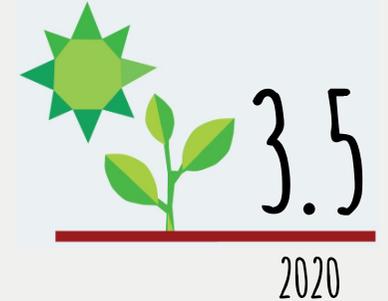
Clone number	4902553
Gender	umbraticola
Pot type	40 cm pot
Breeder	Danziger
Location	Plants Kortekruisweg
Flowertrial number/ field	15790 / 449
Starting material	Cutting
Sticking/sowing week	
Judging period	24 - 33
Lifecycle	Pre-commercial

Total 2020

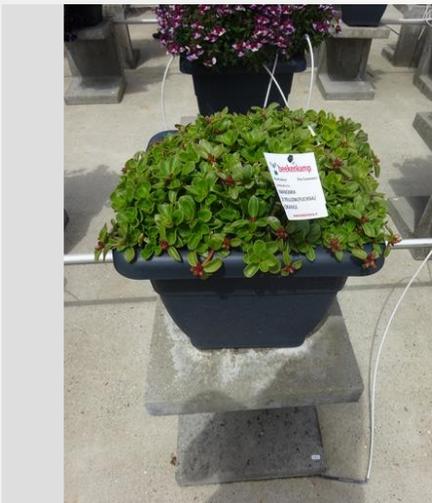
Flower quality	5.0
Leaf quality	4.8
Mildew tolerance	5.0
Floriferousness (40%)	2.8
Plant judgement (60%)	4.0

Total scores

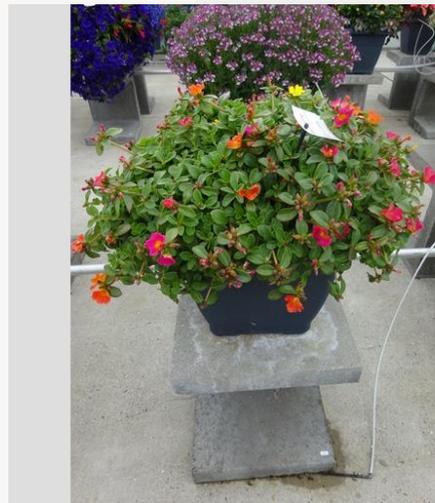
2020	3.5
Average	3.5



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



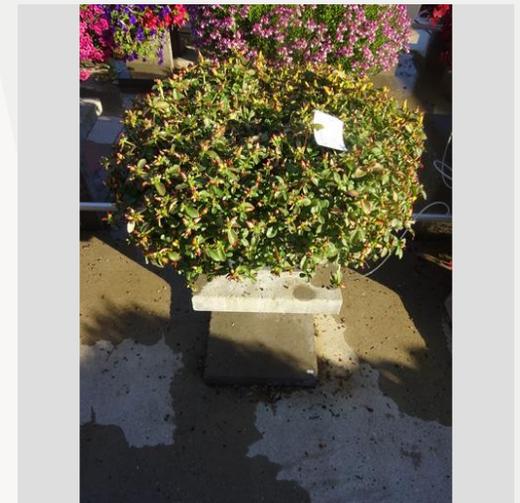
Week 24



Week 27



Week 30



Week 33

PORTULACA NANO CANDY PINK - 2020

Information

Clone number	4902267
Gender	umbraticola
Pot type	40 cm pot
Breeder	Danziger
Location	Plants Kortekruisweg
Flowertrial number/ field	15790 / 440
Starting material	Cutting
Sticking/sowing week	
Judging period	24 - 33
Lifecycle	Pre-commercial

Total 2020

Flower quality	4.8
Leaf quality	4.8
Mildew tolerance	5.0
Floriferousness (40%)	2.8
Plant judgement (60%)	3.8

Total scores

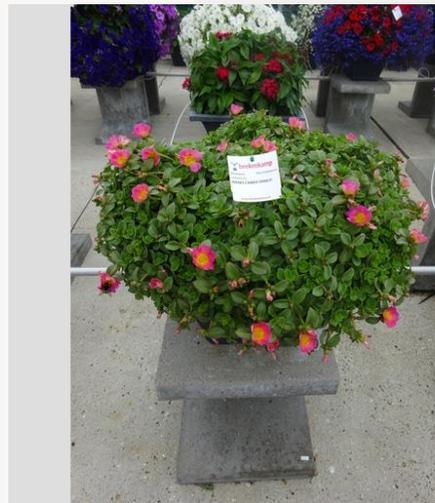
2020	3.4
2019	4.3
Average	3.9



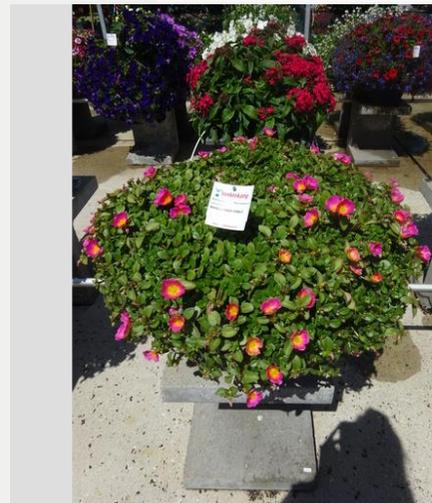
Judgement scale: 1=poor, 2=moderate, 3=average, 4=good, 5=excellent



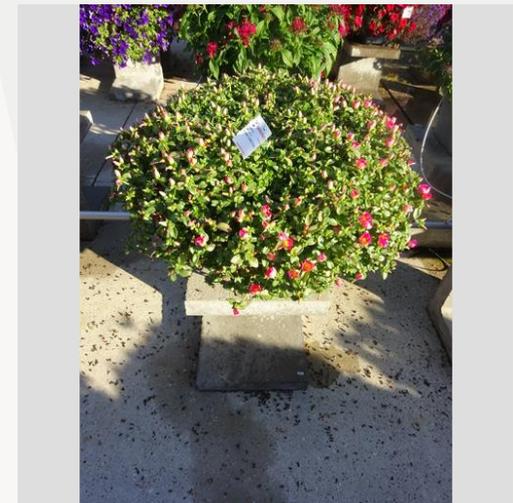
Week 24



Week 27



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PORTULACA NANO FUCHSIA - 2020

Information

Clone number	4901689
Gender	umbraticola
Pot type	40 cm pot
Breeder	Danziger
Location	Plants Kortekruisweg
Flowertrial number/ field	15790 / 441
Starting material	Cutting
Sticking/sowing week	
Judging period	24 - 33
Lifecycle	Pre-commercial

Total 2020

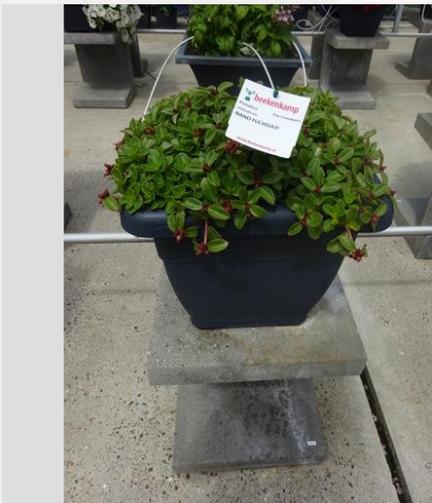
Flower quality	5.0
Leaf quality	4.8
Mildew tolerance	5.0
Floriferousness (40%)	2.8
Plant judgement (60%)	3.8

Total scores

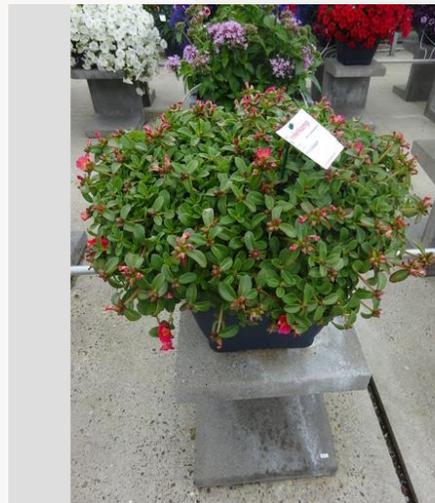
2020	3.4
2019	4.4
2016	3.4
Average	3.7



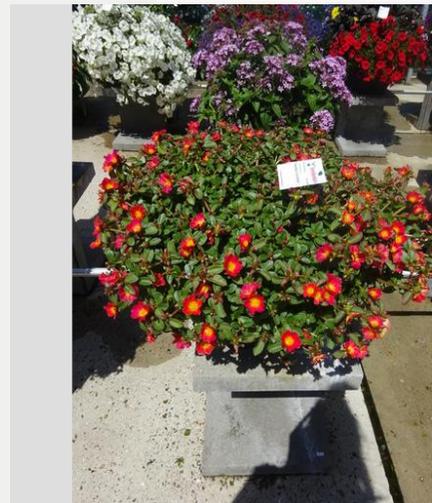
Judgement scale: 1=poor, 2=moderate, 3=average, 4=good, 5=excellent



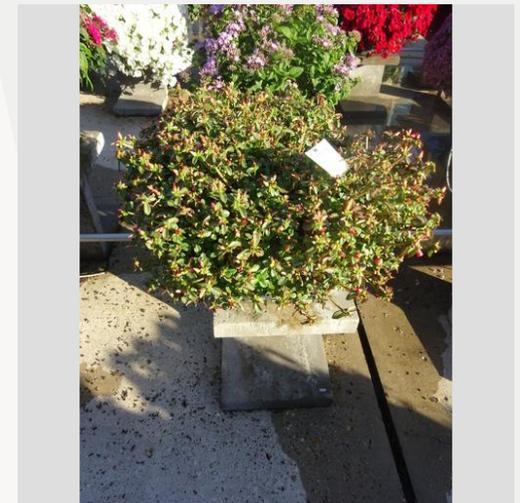
Week 24



Week 27



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Week 33

PORTULACA NANO HOT PINK - 2020

Information

Clone number	4902268
Gender	umbraticola
Pot type	40 cm pot
Breeder	Danziger
Location	Plants Kortekruisweg
Flowertrial number/ field	15790 / 442
Starting material	Cutting
Sticking/sowing week	
Judging period	24 - 33
Lifecycle	Pre-commercial

Total 2020

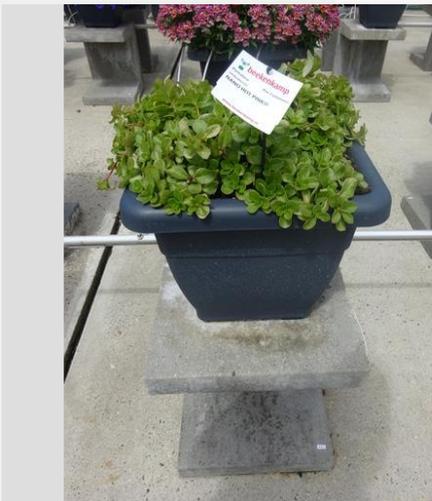
Flower quality	4.0
Leaf quality	4.5
Mildew tolerance	5.0
Floriferousness (40%)	2.8
Plant judgement (60%)	3.8

Total scores

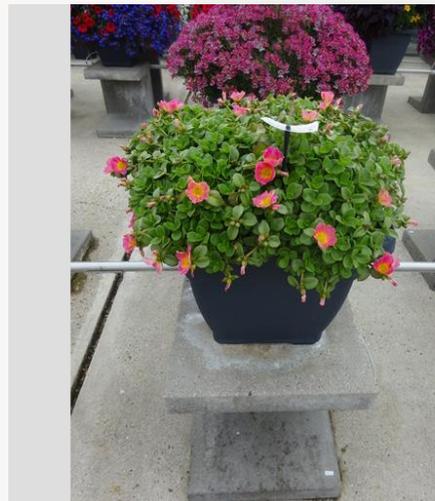
2020	3.4
2019	4.5
Average	4.0



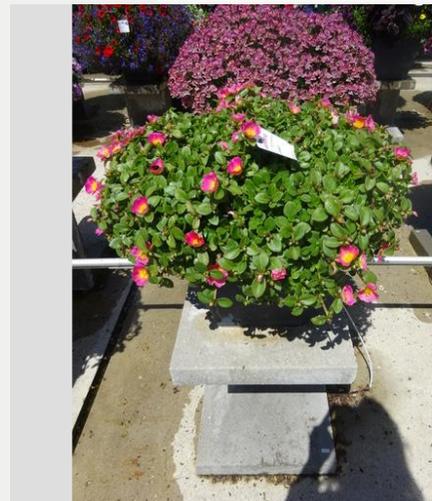
Judgement scale: 1=poor, 2=moderate, 3=average, 4=good, 5=excellent



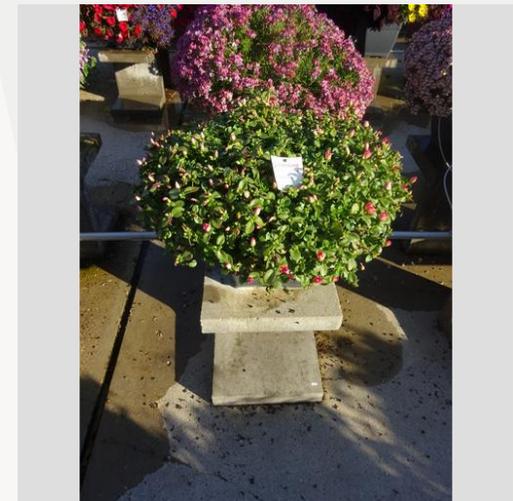
Week 24



Week 27



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Week 33

PORTULACA NANO ORANGE - 2020

Information

Clone number	4901690
Gender	umbraticola
Pot type	40 cm pot
Breeder	Danziger
Location	Plants Kortekruisweg
Flowertrial number/ field	15790 / 443
Starting material	Cutting
Sticking/sowing week	
Judging period	24 - 33
Lifecycle	Pre-commercial

Total 2020

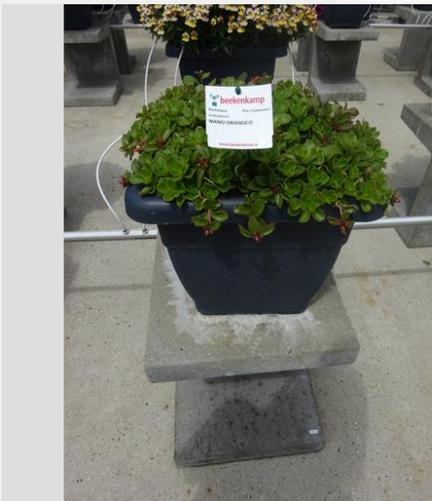
Flower quality	5.0
Leaf quality	5.0
Mildew tolerance	5.0
Floriferousness (40%)	3.0
Plant judgement (60%)	4.3

Total scores

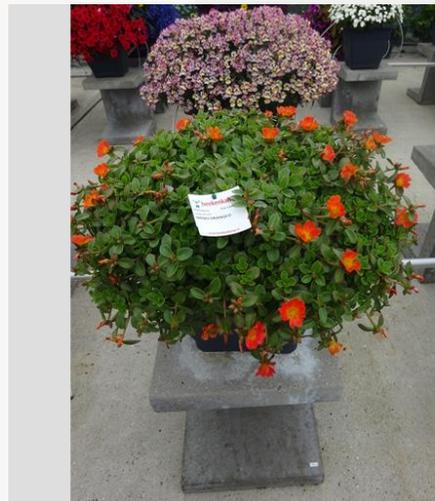
2020	3.8
2019	4.5
2016	3.6
Average	4.0



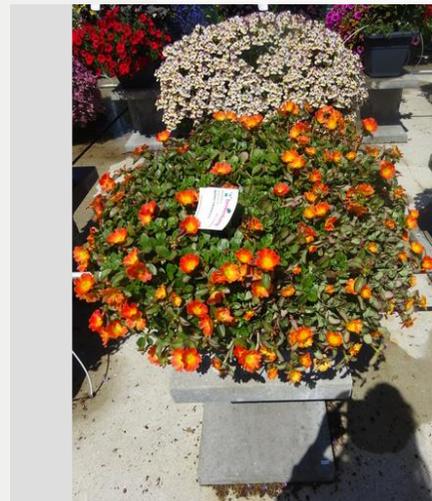
Judgement scale: 1=poor, 2=moderate, 3=average, 4=good, 5=excellent



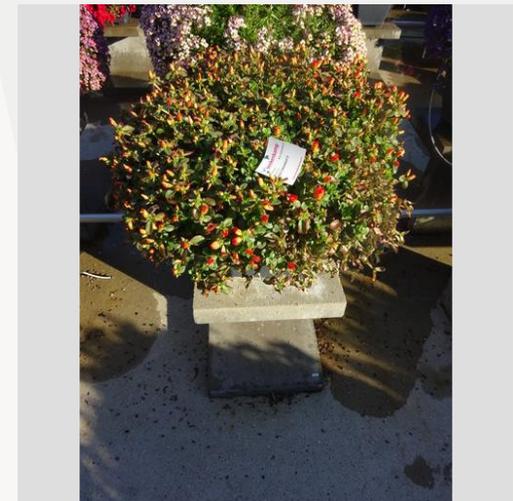
Week 24



Week 27



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Week 33

PORTULACA NANO YELLOW - 2020

Information

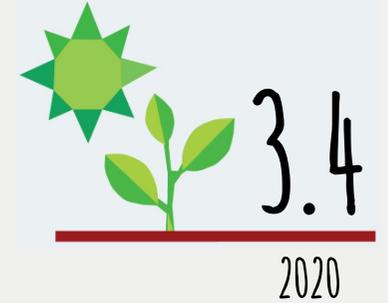
Clone number	4901688
Gender	umbraticola
Pot type	40 cm pot
Breeder	Danziger
Location	Plants Kortekruisweg
Flowertrial number/ field	15790 / 444
Starting material	Cutting
Sticking/sowing week	
Judging period	24 - 33
Lifecycle	Pre-commercial

Total 2020

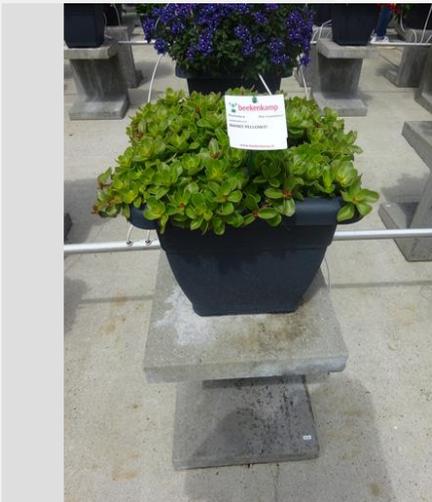
Flower quality	4.8
Leaf quality	5.0
Mildew tolerance	5.0
Floriferousness (40%)	2.8
Plant judgement (60%)	3.8

Total scores

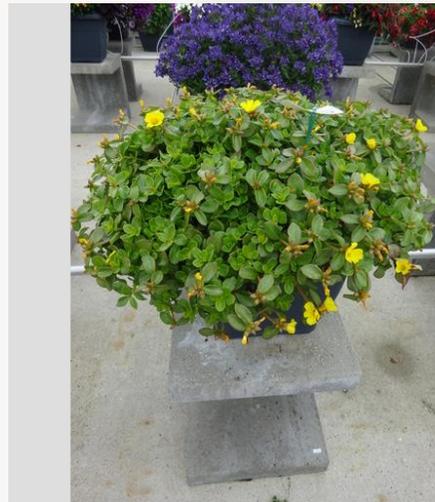
2020	3.4
2019	4.5
2016	3.6
Average	3.8



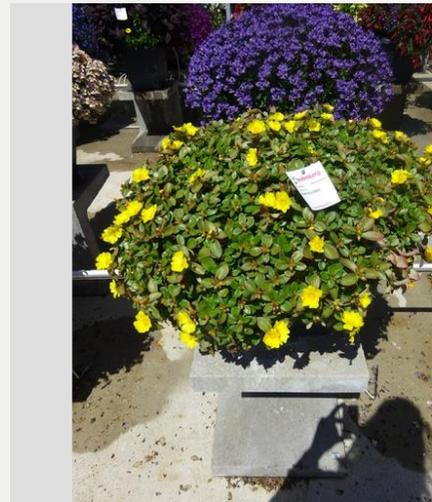
Judgement scale: 1=poor, 2=moderate, 3=average, 4=good, 5=excellent



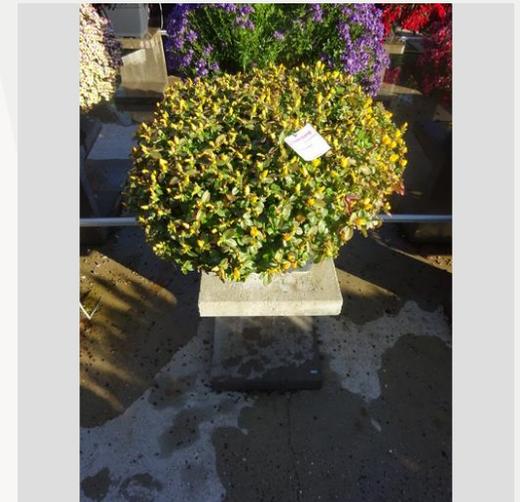
Week 24



Week 27



Week 30



Week 33

PORTULACA SUMMERSTARS 1:ORANGE/PINK/ROSE - 2020

Information

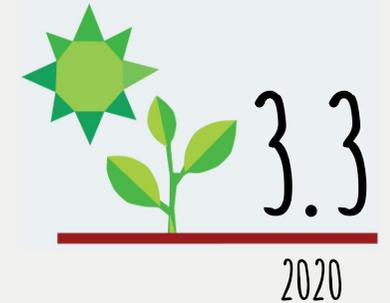
Clone number	4902554
Gender	umbraticola
Pot type	40 cm pot
Breeder	BK Plants
Location	Plants Kortekruisweg
Flowertrial number/ field	15790 / 450
Starting material	Cutting
Sticking/sowing week	
Judging period	24 - 33
Lifecycle	Pre-commercial

Total 2020

Flower quality	5.0
Leaf quality	4.8
Mildew tolerance	5.0
Floriferousness (40%)	2.5
Plant judgement (60%)	3.8

Total scores

2020	3.3
Average	3.3



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



Week 24



Week 27



Week 30



Week 33

PORTULACA SUMMERSTARS 2:SCARLET/WHITE/YELLOW - 2020

Information

Clone number	4902555
Gender	umbraticola
Pot type	40 cm pot
Breeder	BK Plants
Location	Plants Kortekruisweg
Flowertrial number/ field	15790 / 451
Starting material	Cutting
Sticking/sowing week	
Judging period	27 - 33
Lifecycle	Pre-commercial

Total 2020

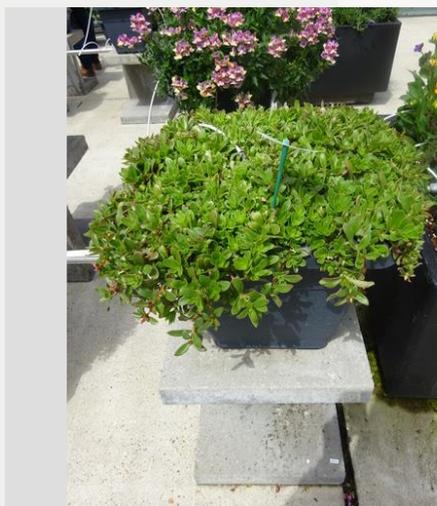
Flower quality	4.8
Leaf quality	4.5
Mildew tolerance	5.0
Floriferousness (40%)	2.8
Plant judgement (60%)	3.8

Total scores

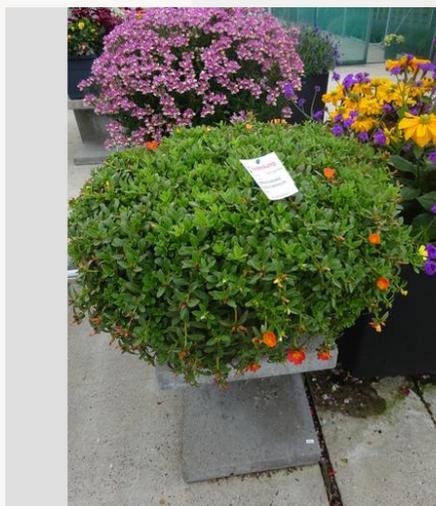
2020	3.4
Average	3.4



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



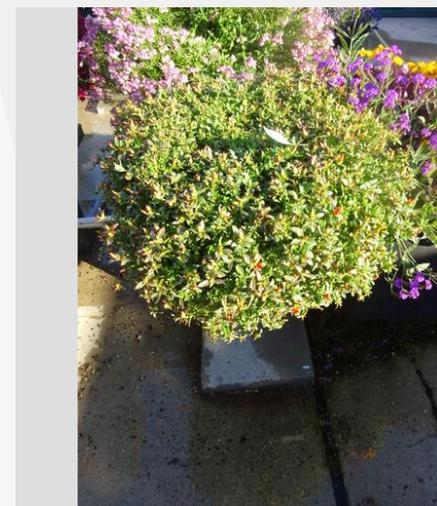
Week 24



Week 27



Week 30



Week 33

PORTULACA SUMMERSTARS ORANGE - 2019

Information

Clone number	4900058
Gender	umbraticola
Pot type	40 cm pot
Breeder	BK Plants
Location	Plants Kortekruisweg
Flowertrial number/ field	15612 / 414
Starting material	Cutting
Sticking/sowing week	
Judging period	23 - 33
Lifecycle	Commercial

Total 2019

Flower quality	5.0
Leaf quality	5.0
Mildew tolerance	-
Floriferousness (40%)	4.0
Plant judgement (60%)	4.8

Total scores

2019	4.5
2018	4.0
2013	2.2
Average	3.6



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



Week 24



Week 27



Week 29



Week 33

PORTULACA SUMMERSTARS PINK - 2019

Information

Clone number	4900478
Gender	umbraticola
Pot type	40 cm pot
Breeder	BK Plants
Location	Plants Kortekruisweg
Flowertrial number/ field	15612 / 415
Starting material	Cutting
Sticking/sowing week	
Judging period	23 - 33
Lifecycle	Commercial

Total 2019

Flower quality	5.0
Leaf quality	5.0
Mildew tolerance	-
Floriferousness (40%)	4.0
Plant judgement (60%)	4.8

Total scores

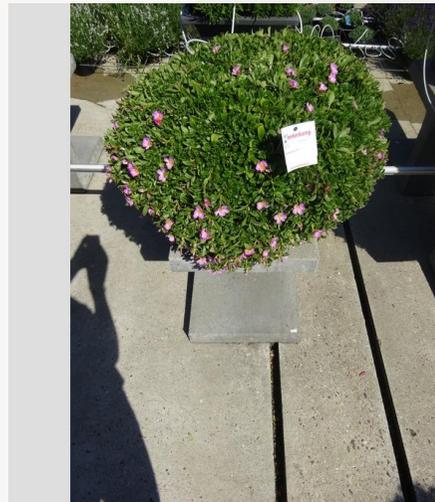
2019	4.5
2018	4.0
2013	2.3
Average	3.6



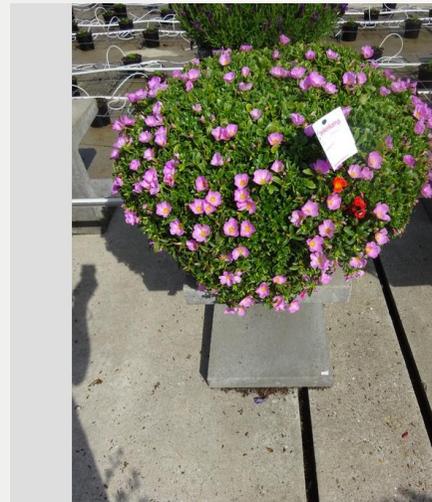
Judgement scale: 1=poor, 2=moderate, 3=average, 4=good, 5=excellent



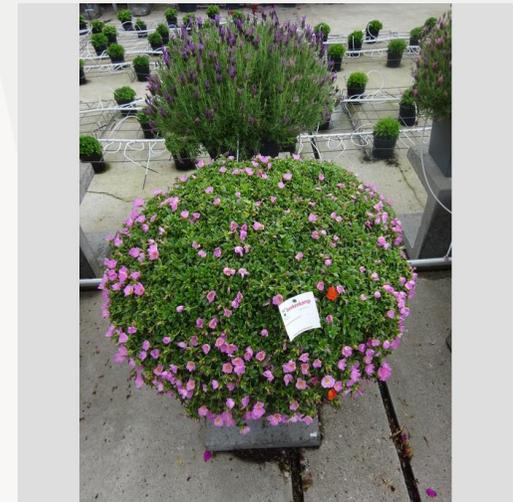
Week 24



Week 27



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Week 33

PORTULACA SUMMERSTARS ROSE - 2019

Information

Clone number	4900059
Gender	umbraticola
Pot type	40 cm pot
Breeder	BK Plants
Location	Plants Kortekruisweg
Flowertrial number/ field	15612 / 416
Starting material	Cutting
Sticking/sowing week	
Judging period	23 - 33
Lifecycle	Commercial

Total 2019

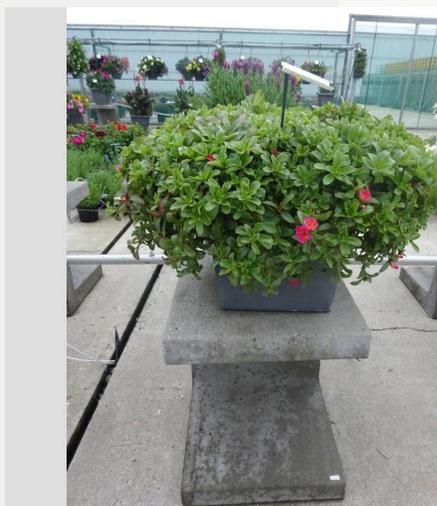
Flower quality	5.0
Leaf quality	5.0
Mildew tolerance	-
Floriferousness (40%)	4.0
Plant judgement (60%)	4.8

Total scores

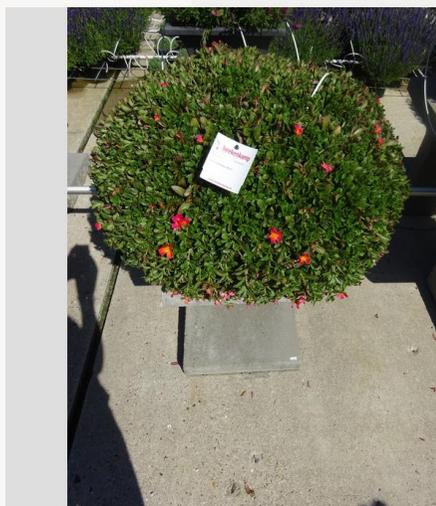
2019	4.5
2018	4.1
2013	2.2
Average	3.6



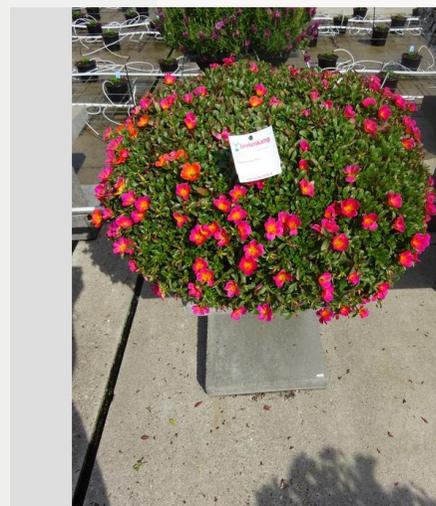
Judgement scale: 1=poor, 2=moderate, 3=average, 4=good, 5=excellent



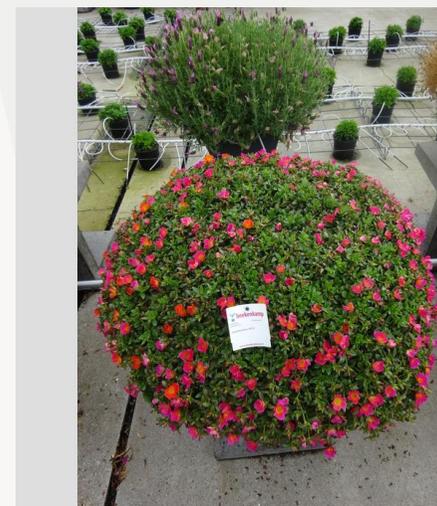
Week 24



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Week 33

PORTULACA SUMMERSTARS SCARLET - 2019

Information

Clone number	4900060
Gender	umbraticola
Pot type	40 cm pot
Breeder	BK Plants
Location	Plants Kortekruisweg
Flowertrial number/ field	15612 / 417
Starting material	Cutting
Sticking/sowing week	
Judging period	23 - 33
Lifecycle	Commercial

Total 2019

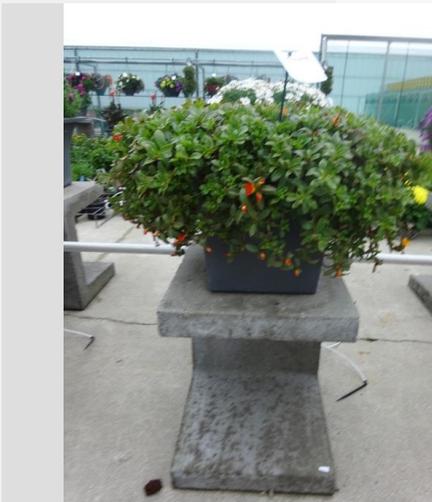
Flower quality	5.0
Leaf quality	5.0
Mildew tolerance	-
Floriferousness (40%)	4.0
Plant judgement (60%)	4.8

Total scores

2019	4.5
2018	4.1
2013	2.0
Average	3.5



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



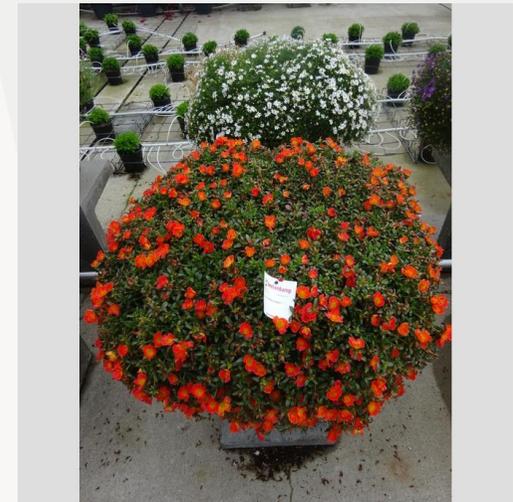
Week 24



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Week 29



Week 33

PORTULACA SUMMERSTARS WHITE - 2019

Information

Clone number	4900061
Gender	umbraticola
Pot type	40 cm pot
Breeder	BK Plants
Location	Plants Kortekruisweg
Flowertrial number/ field	15612 / 418
Starting material	Cutting
Sticking/sowing week	
Judging period	23 - 33
Lifecycle	Commercial

Total 2019

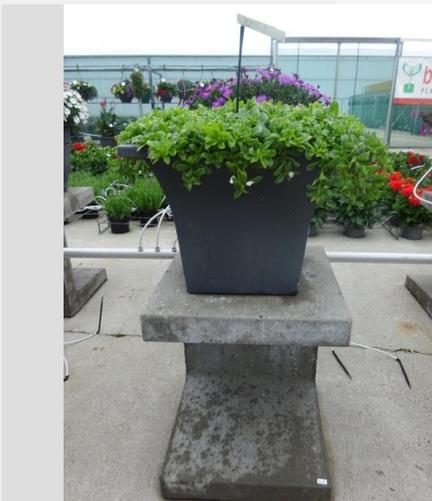
Flower quality	5.0
Leaf quality	4.7
Mildew tolerance	-
Floriferousness (40%)	2.8
Plant judgement (60%)	4.0

Total scores

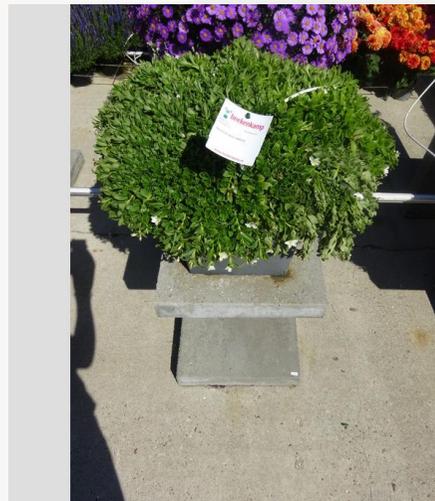
2019	3.5
2018	3.6
2013	2.2
Average	3.1



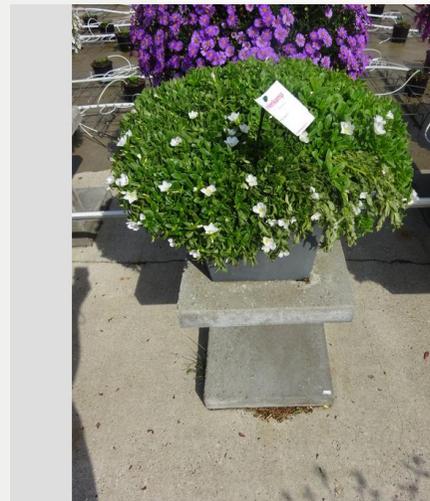
Judgement scale: 1=poor, 2=moderate, 3=average, 4=good, 5=excellent



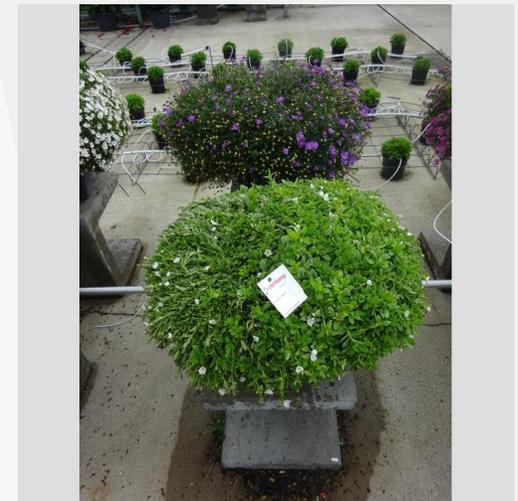
Week 24



Week 27



Week 29



Week 33

PORTULACA SUMMERSTARS YELLOW - 2019

Information

Clone number	4900062
Gender	umbraticola
Pot type	40 cm pot
Breeder	BK Plants
Location	Plants Kortekruisweg
Flowertrial number/ field	15612 / 419
Starting material	Cutting
Sticking/sowing week	
Judging period	23 - 33
Lifecycle	Commercial

Total 2019

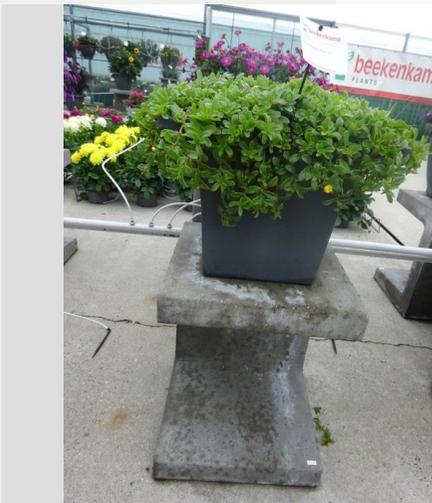
Flower quality	5.0
Leaf quality	5.0
Mildew tolerance	-
Floriferousness (40%)	3.5
Plant judgement (60%)	4.5

Total scores

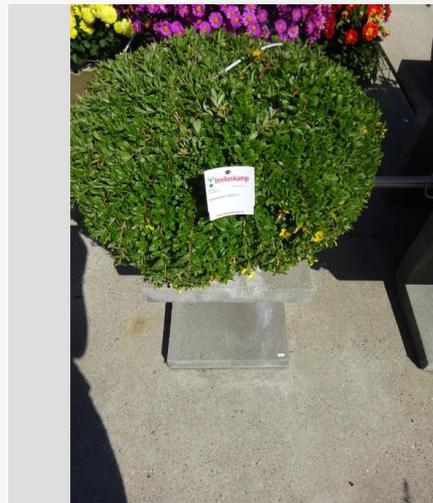
2019	4.1
2018	3.7
2013	2.2
Average	3.3



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



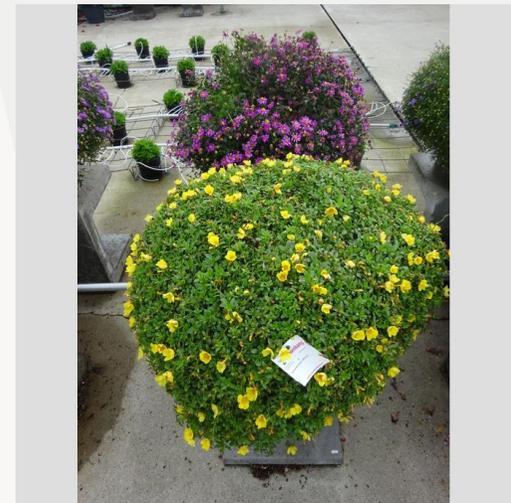
Week 24



Week 27



Week 29



Week 33