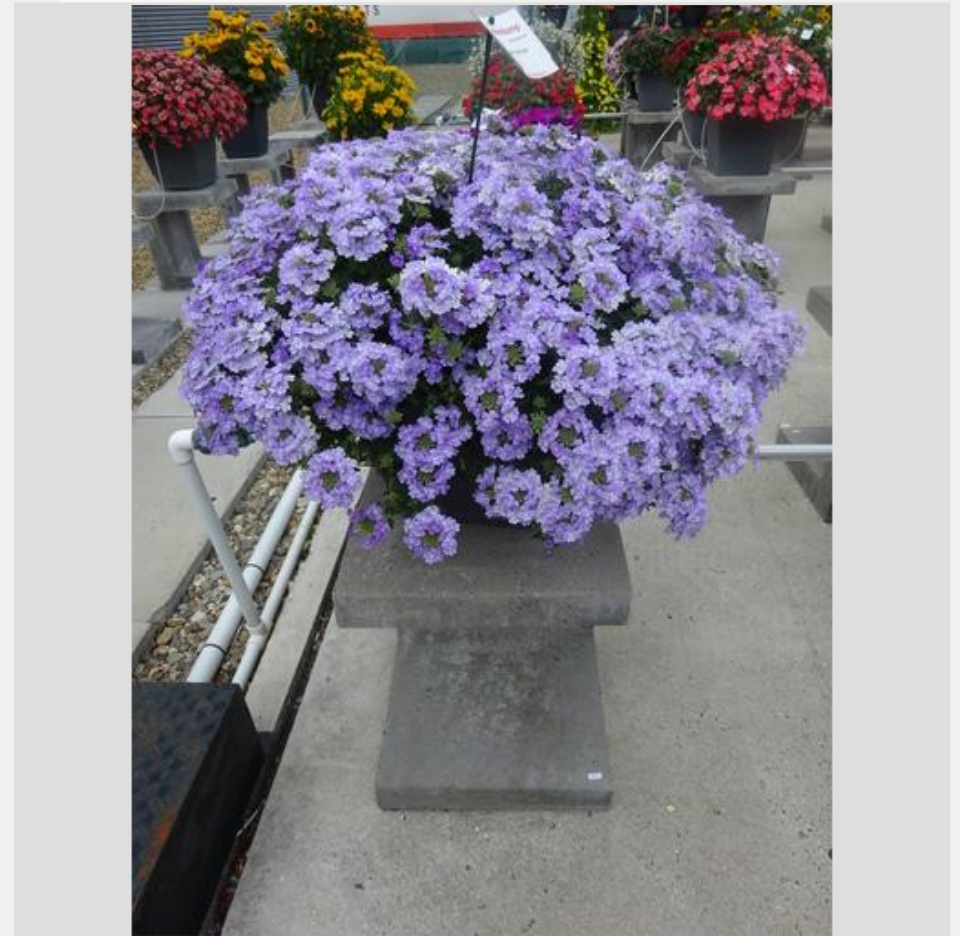


SHOWGARDEN

Verbena - 2020

11/09/2020





VERBENA

General information

During summer our show garden is the place to judge, photograph and admire our Verbena assortment. The plants are tested on their performance in the Dutch climate and under 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.

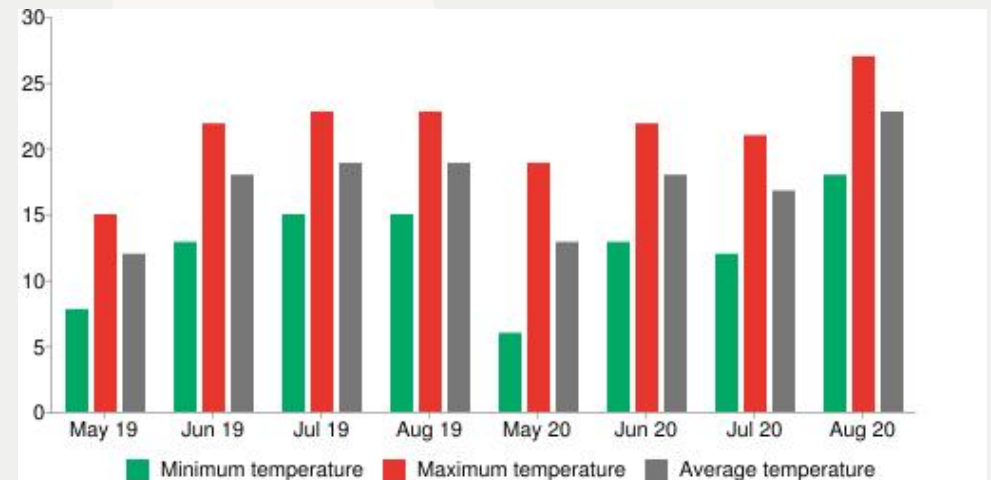
The plants are replanted from a small pot into a 20 litres pot or 9,5 litres hanging basket around week 16. In each pot or hanging basket, 5 plants are planted. Around week 20, the plants are put outdoors after some hardening off in a cold greenhouse. The pots are placed on concrete stands, situated 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.

Dead flowers are removed regularly.

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



VERBENA LANAI BLUE EYES - 2020

Information

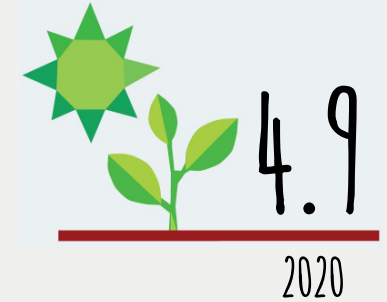
Clone number	4901421
Gender	hortensis
Pot type	40 cm pot
Breeder	Syngenta
Location	Plants Kortekruisweg
Flowertrial number/ field	15790 / 392
Starting material	Cutting
Sticking/sowing week	
Judging period	24 - 33
Lifecycle	Commercial

Total 2020

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

Total scores

2020	4.9
2019	4.5
2018	4.9
2017	3.8
Average	4.5



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



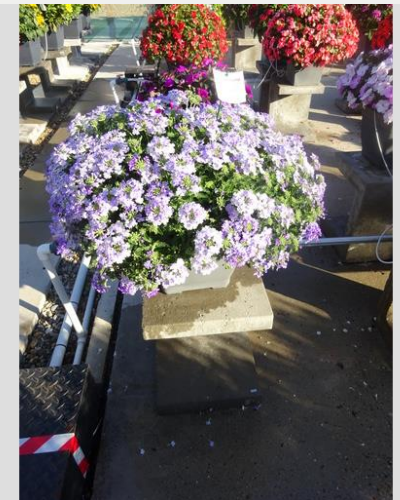
Week 24



Week 27



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VERBENA LANAI CANDY CANE - 2020

Information

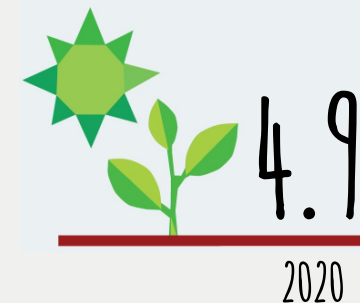
Clone number	4902080
Gender	hortensis
Pot type	40 cm pot
Breeder	Syngenta
Location	Plants Kortekruisweg
Flowertrial number/ field	15790 / 402
Starting material	Cutting
Sticking/sowing week	
Judging period	24 - 33
Lifecycle	Pre-commercial

Total 2020

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

Total scores

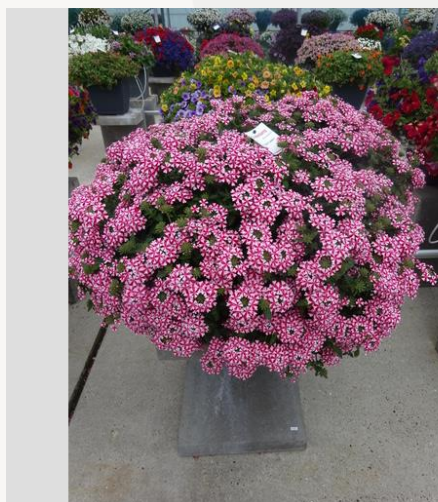
2020	4.9
2019	4.2
2018	4.8
Average	4.6



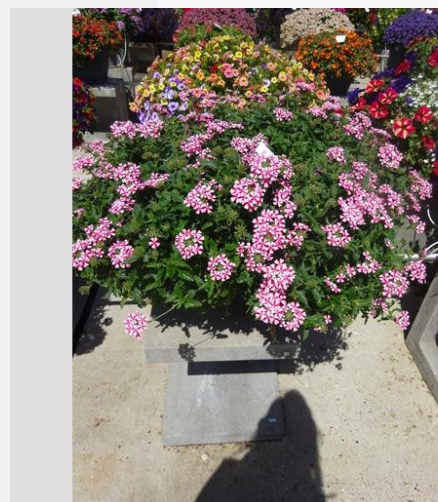
Judgement scale: 1=poor, 2=moderate, 3=average, 4=good, 5=excellent



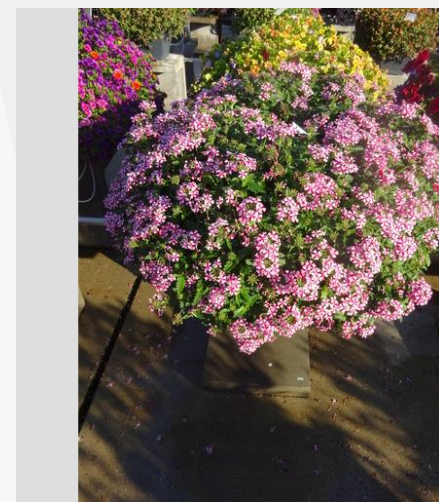
Week 24



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VERBENA LANAI EARLY DEEP RED - 2020

Information

Clone number	4901624
Gender	hortensis
Pot type	40 cm pot
Breeder	Syngenta
Location	Plants Kortekruisweg
Flowertrial number/ field	15790 / 394
Starting material	Cutting
Sticking/sowing week	
Judging period	24 - 33
Lifecycle	Commercial

Total 2020

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

Total scores

2020	4.5
2019	4.3
2018	4.1
2017	3.4
Average	4.1



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



Week 24



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VERBENA LANAI LAVENDER STAR - 2020

Information

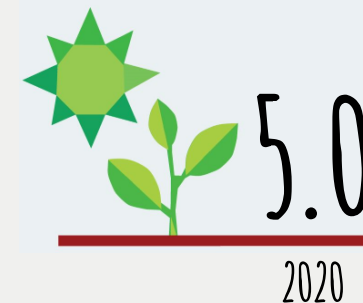
Clone number	4901068
Gender	hortensis
Pot type	40 cm pot
Breeder	Syngenta
Location	Plants Kortekruisweg
Flowertrial number/ field	15790 / 395
Starting material	Cutting
Sticking/sowing week	
Judging period	24 - 33
Lifecycle	Commercial

Total 2020

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

Total scores

2020	5.0
2019	4.8
2018	3.9
2017	4.5
Average	4.6



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



Week 24



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VERBENA LANAI NEON ROSE - 2020

Information

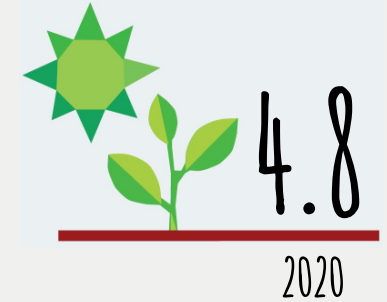
Clone number	4901837
Gender	hortensis
Pot type	40 cm pot
Breeder	Syngenta
Location	Plants Kortekruisweg
Flowertrial number/ field	15790 / 396
Starting material	Cutting
Sticking/sowing week	
Judging period	24 - 33
Lifecycle	Commercial

Total 2020

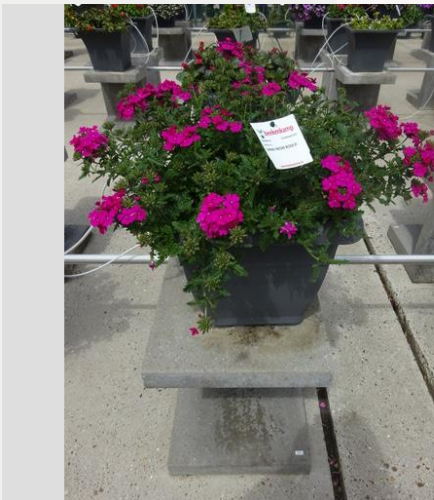
Flower quality	5.0
Leaf quality	5.0
Mildew tolerance	5.0
Floriferousness (40%)	4.8
Plant judgement (60%)	4.8

Total scores

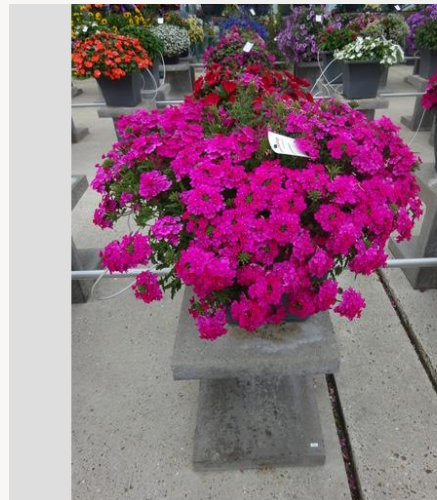
2020	4.8
2019	4.4
2018	4.2
2017	3.3
Average	4.2



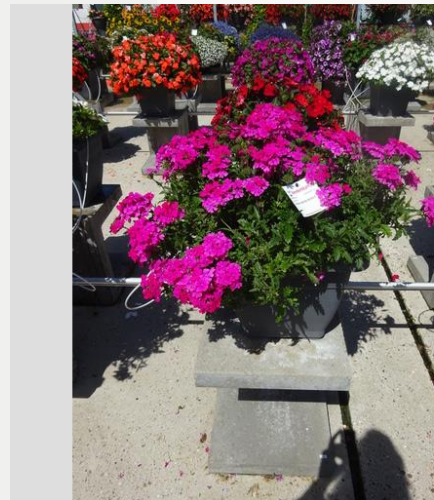
Judgement scale: 1=poor, 2=moderate, 3=average, 4=good, 5=excellent



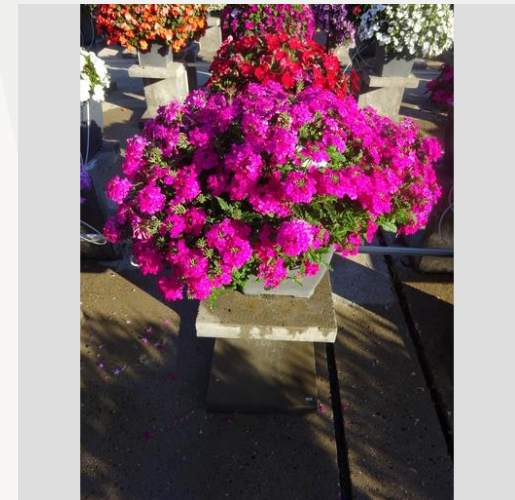
Week 24



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VERBENA LANAI PEACH - 2020

Information

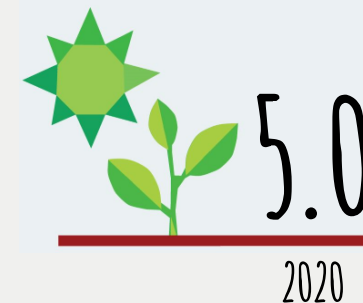
Clone number	4901069
Gender	hortensis
Pot type	40 cm pot
Breeder	Syngenta
Location	Plants Kortekruisweg
Flowertrial number/ field	15790 / 397
Starting material	Cutting
Sticking/sowing week	
Judging period	24 - 33
Lifecycle	Commercial

Total 2020

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

Total scores

2020	5.0
2019	4.2
2018	4.7
2017	3.5
Average	4.4



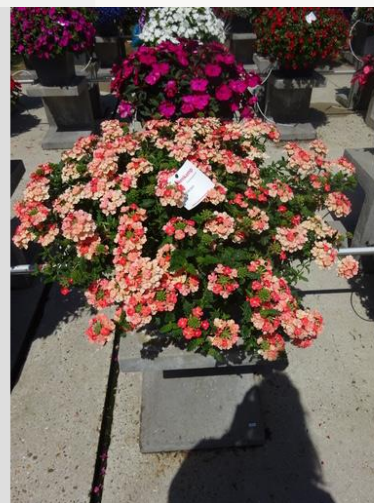
Judgement scale: 1=poor, 2=moderate, 3=average, 4=good, 5=excellent



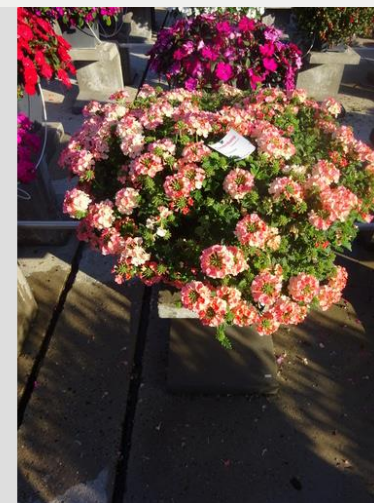
Week 24



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VERBENA LANAI RASPBERRY - 2020

Information

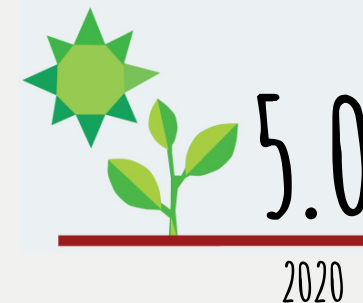
Clone number	4901071
Gender	hortensis
Pot type	40 cm pot
Breeder	Syngenta
Location	Plants Kortekruisweg
Flowertrial number/ field	15790 / 398
Starting material	Cutting
Sticking/sowing week	
Judging period	24 - 33
Lifecycle	Commercial

Total 2020

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

Total scores

2020	5.0
2019	4.0
2018	4.6
2017	4.4
Average	4.5



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



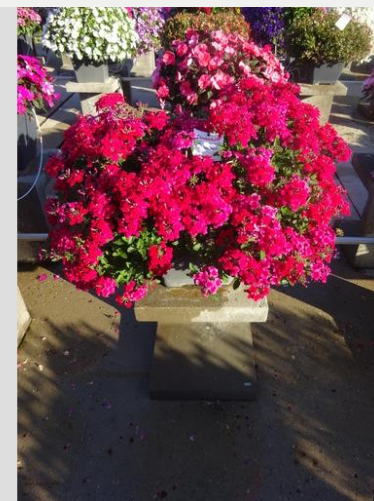
Week 24



Week 27



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Week 33

VERBENA LANAI RED STAR - 2020

Information

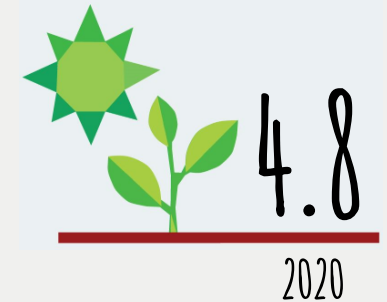
Clone number	4901625
Gender	hortensis
Pot type	40 cm pot
Breeder	Syngenta
Location	Plants Kortekruisweg
Flowertrial number/ field	15790 / 399
Starting material	Cutting
Sticking/sowing week	
Judging period	24 - 33
Lifecycle	Commercial

Total 2020

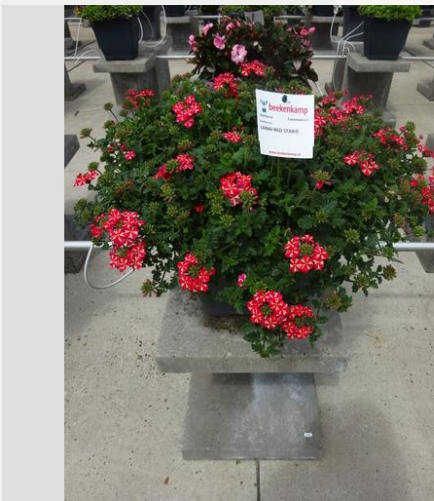
Flower quality	4.3
Leaf quality	5.0
Mildew tolerance	5.0
Floriferousness (40%)	4.8
Plant judgement (60%)	4.8

Total scores

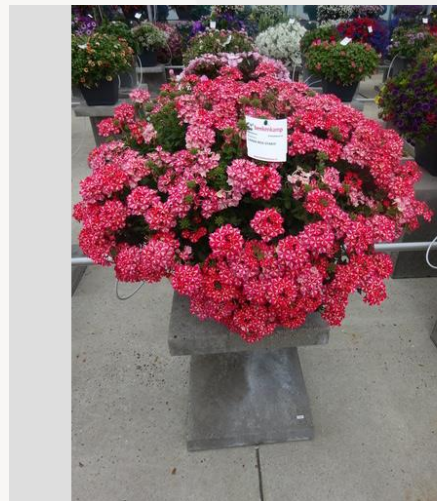
2020	4.8
2019	4.8
2018	4.5
2017	4.3
Average	4.6



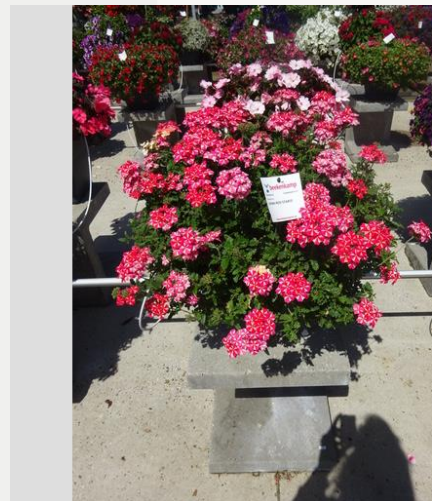
Judgement scale: 1=poor, 2=moderate, 3=average, 4=good, 5=excellent



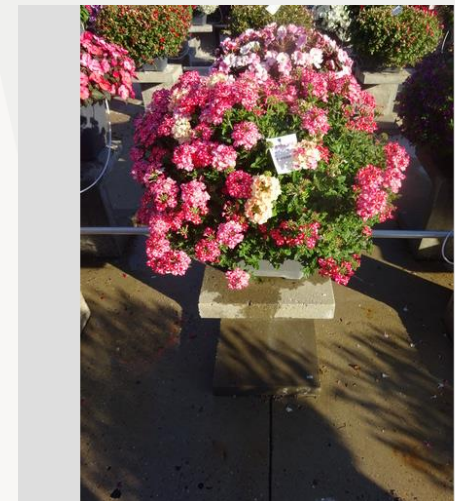
Week 24



Week 27



Week 30



Week 33

VERBENA LANAI SCARLET - 2019

Information

Clone number	4901627
Gender	hortensis
Pot type	40 cm pot
Breeder	Syngenta
Location	Plants Kortekruisweg
Flowertrial number/ field	15612 / 376
Starting material	Cutting
Sticking/sowing week	
Judging period	23 - 33
Lifecycle	Commercial

Total 2019

Flower quality	4.5
Leaf quality	4.8
Mildew tolerance	-
Floriferousness (40%)	3.5
Plant judgement (60%)	3.5

Total scores

2019	3.5
2018	4.3
2017	4.1
2016	4.9
Average	4.2



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



Week 24



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Week 33

VERBENA LANAI SKY BLUE - 2020

Information

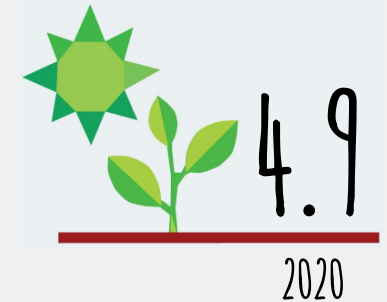
Clone number	4902079
Gender	hortensis
Pot type	40 cm pot
Breeder	Syngenta
Location	Plants Kortekruisweg
Flowertrial number/ field	15790 / 403
Starting material	Cutting
Sticking/sowing week	
Judging period	24 - 33
Lifecycle	Pre-commercial

Total 2020

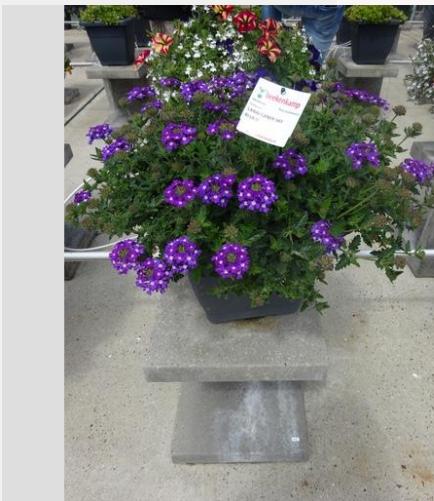
Flower quality	5.0
Leaf quality	5.0
Mildew tolerance	5.0
Floriferousness (40%)	4.8
Plant judgement (60%)	5.0

Total scores

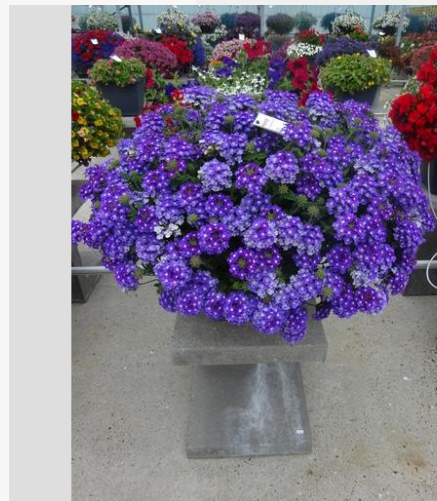
2020	4.9
2019	4.8
2018	4.5
Average	4.7



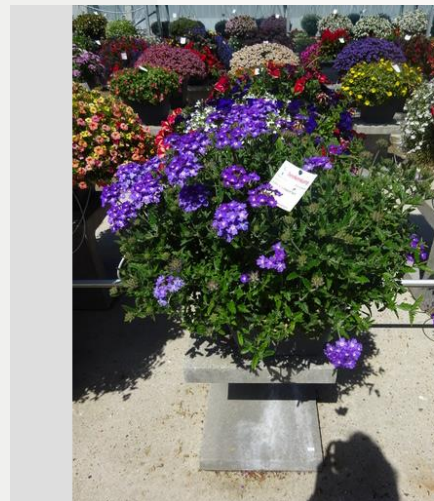
Judgement scale: 1=poor, 2=moderate, 3=average, 4=good, 5=excellent



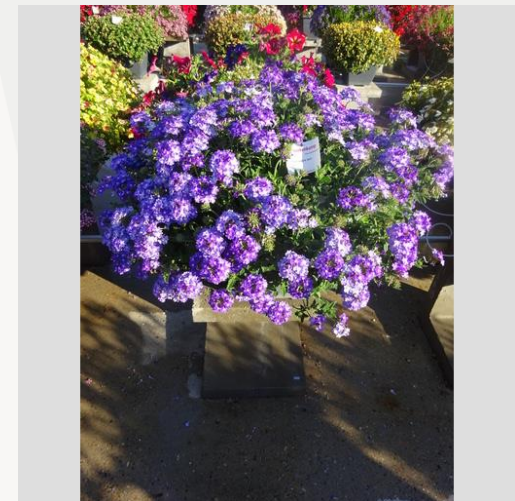
Week 24



Week 27



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Week 33

VERBENA LANAI TWISTER BLUE - 2019

Information

Clone number	4901832
Gender	hortensis
Pot type	40 cm pot
Breeder	Syngenta
Location	Plants Kortekruisweg
Flowertrial number/ field	15612 / 371
Starting material	Cutting
Sticking/sowing week	
Judging period	23 - 33
Lifecycle	Commercial

Total 2019

Flower quality	4.8
Leaf quality	4.8
Mildew tolerance	-
Floriferousness (40%)	4.5
Plant judgement (60%)	4.5

Total scores

2019	4.5
2018	4.6
2017	3.6
Average	4.2



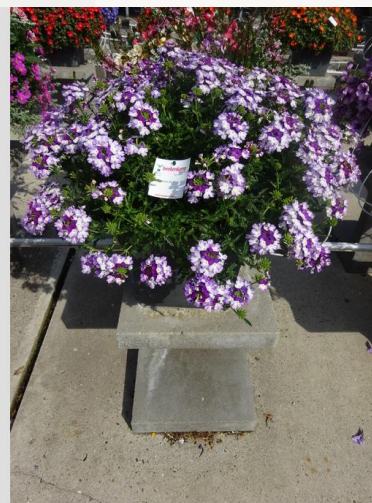
Judgement scale: 1=poor, 2=moderate, 3=average, 4=good, 5=excellent



Week 24



Week 27



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Week 33

VERBENA LANAI TWISTER BURGUNDY - 2020

Information

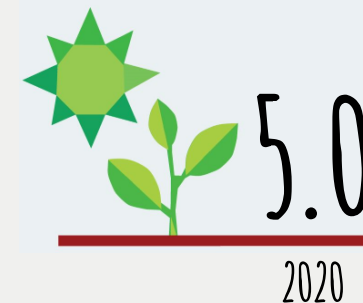
Clone number	4901833
Gender	hortensis
Pot type	40 cm pot
Breeder	Syngenta
Location	Plants Kortekruisweg
Flowertrial number/ field	15790 / 400
Starting material	Cutting
Sticking/sowing week	
Judging period	24 - 33
Lifecycle	Commercial

Total 2020

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

Total scores

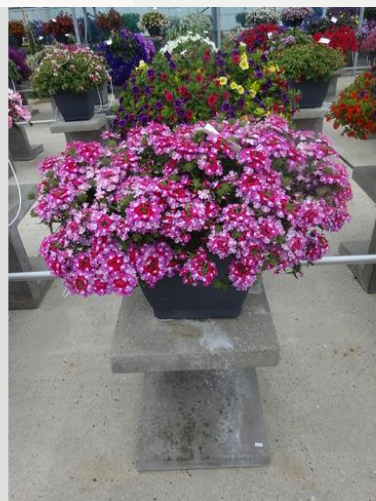
2020	5.0
2019	4.3
2018	4.9
2017	3.6
Average	4.5



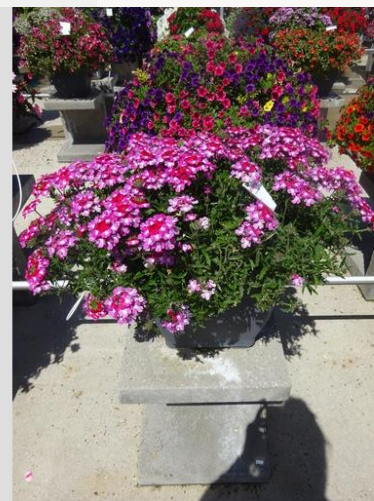
Judgement scale: 1=poor, 2=moderate, 3=average, 4=good, 5=excellent



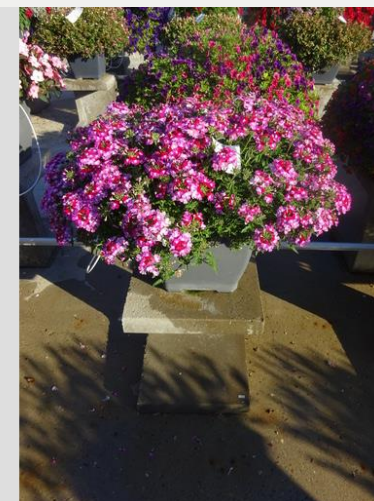
Week 24



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VERBENA LANAI TWISTER CHERRY BLOSSOM - 2020

Information

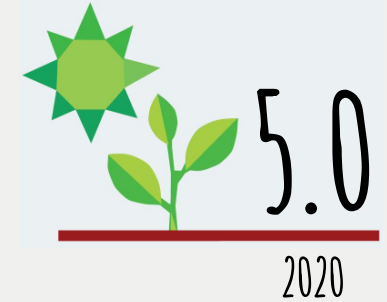
Clone number	4901839
Gender	hortensis
Pot type	40 cm pot
Breeder	Syngenta
Location	Plants Kortekruisweg
Flowertrial number/ field	15790 / 401
Starting material	Cutting
Sticking/sowing week	
Judging period	24 - 33
Lifecycle	Commercial

Total 2020

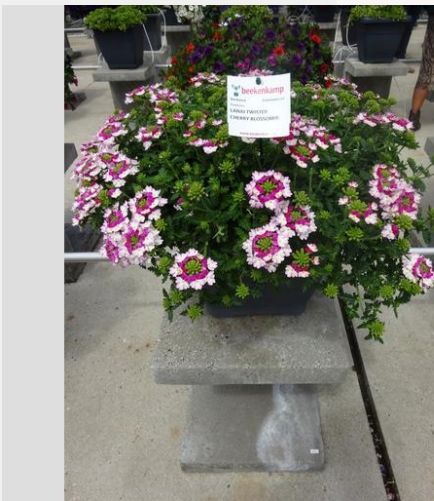
Flower quality	5.0
Leaf quality	5.0
Mildew tolerance	5.0
Floriferousness (40%)	5.0
Plant judgement (60%)	5.0

Total scores

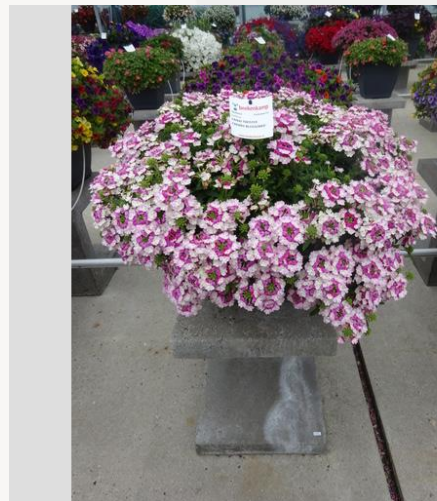
2020	5.0
2019	4.8
2018	4.9
2017	4.2
Average	4.7



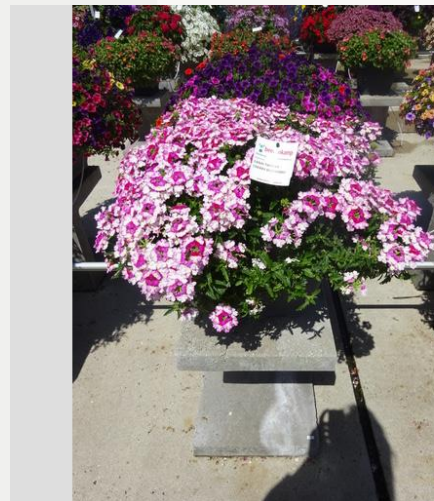
Judgement scale: 1=poor, 2=moderate, 3=average, 4=good, 5=excellent



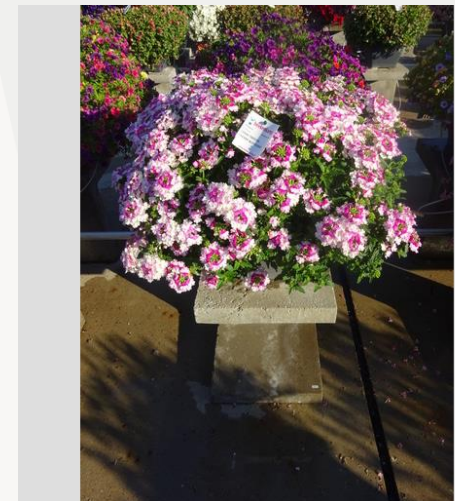
Week 24



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VERBENA LANAI WHITE - 2020

Information

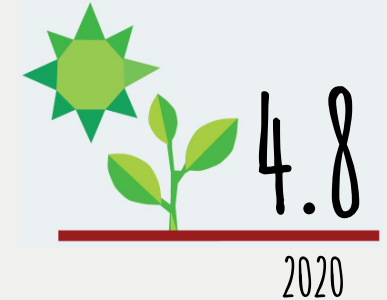
Clone number	4901836
Gender	hortensis
Pot type	40 cm pot
Breeder	Syngenta
Location	Plants Kortekruisweg
Flowertrial number/ field	15790 / 393
Starting material	Cutting
Sticking/sowing week	
Judging period	24 - 33
Lifecycle	Commercial

Total 2020

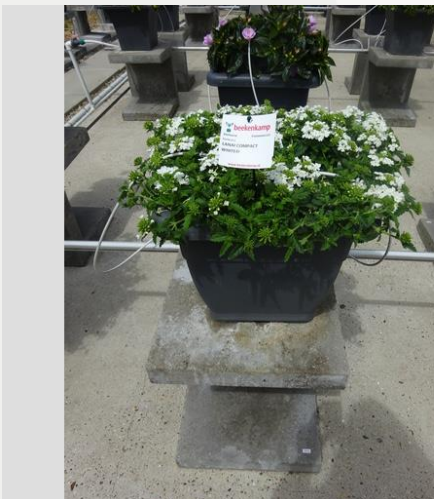
Flower quality	4.8
Leaf quality	4.8
Mildew tolerance	5.0
Floriferousness (40%)	4.8
Plant judgement (60%)	4.8

Total scores

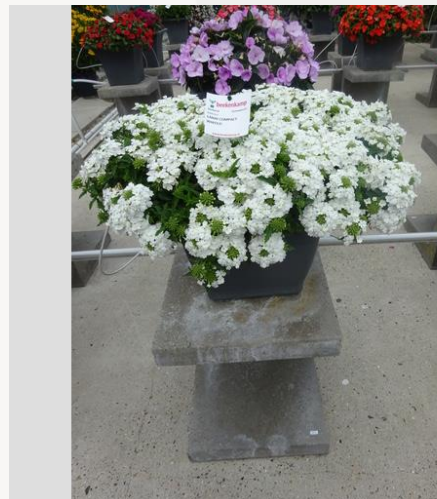
2020	4.8
2019	4.1
2018	4.9
2017	4.5
Average	4.6



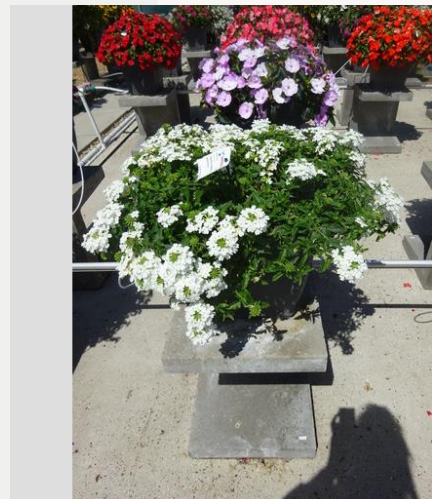
Judgement scale: 1=poor, 2=moderate, 3=average, 4=good, 5=excellent



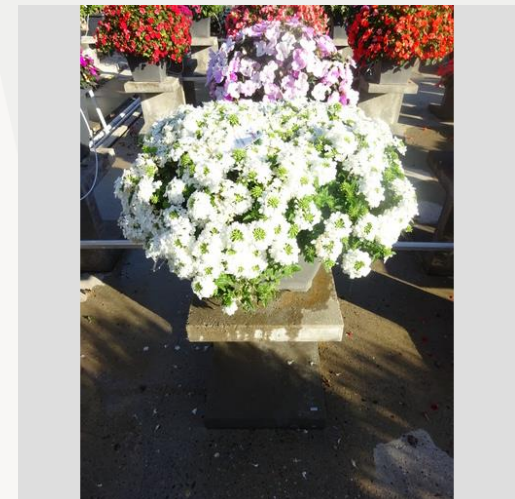
Week 24



Week 27



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Week 33

VERBENA OBSESSION® MIX - 2018

Information

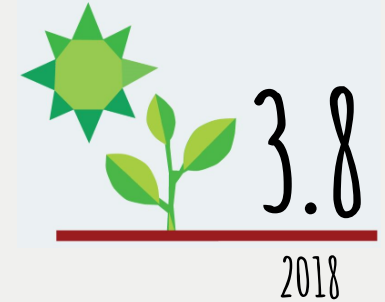
Clone number	6900625
Gender	hortensis
Pot type	40 cm pot
Breeder	Syngenta
Location	Plants Kortekruisweg
Flowertrial number/ field	13763 / 450
Starting material	Seed
Sticking/sowing week	
Judging period	25 - 33
Lifecycle	Commercial

Total 2018

Flower quality	4.8
Leaf quality	4.0
Mildew tolerance	2.0
Floriferousness (40%)	4.3
Plant judgement (60%)	3.5

Total scores

2018	3.8
Average	3.8



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



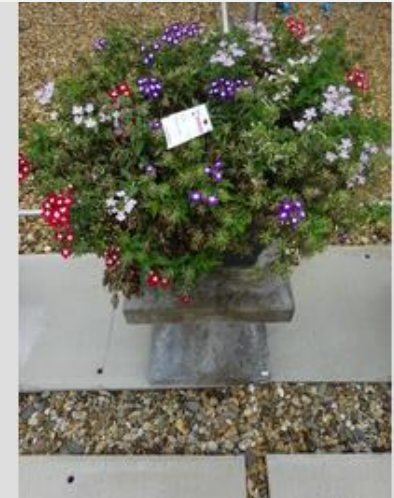
Week 25



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Week 33