

SHOWGARDEN

Cosmos - 2020

11/09/2020





COSMOS

General information

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

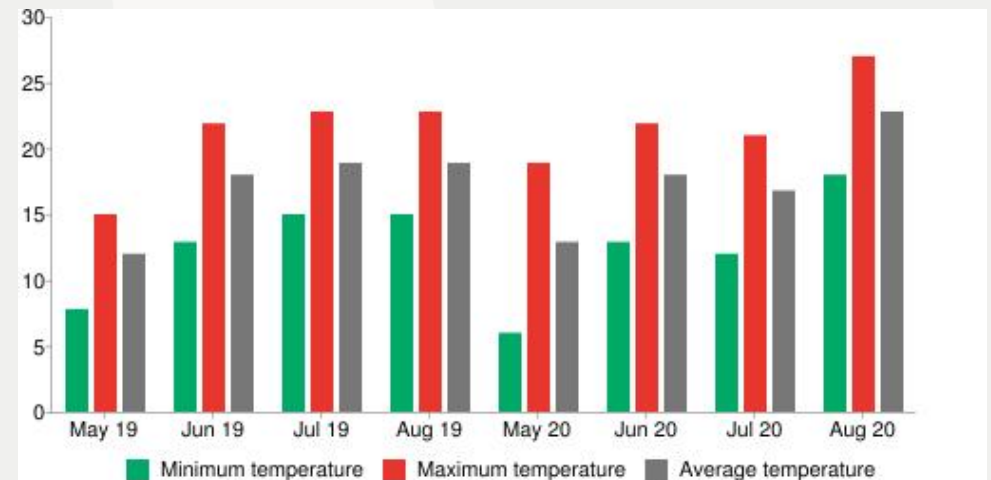
The plants are replanted from a small pot or as plugs planted into a 20 litre pot or 9,5 litre hanging basket around week 16. In each pot 5 plants are planted and in each hanging basket 3 plants. Around week 20, the plants are put outdoors after some hardening off in a cold greenhouse. The pots are placed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

You might 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



COSMOS CASANOVA PINK - 2017

Information

Clone number	9900309
Gender	bipinnatus
Pot type	40 cm pot
Breeder	Floragran
Location	Plants Kortekruisweg
Flowertrial number/ field	13360 / 509
Starting material	Seed
Sticking/sowing week	
Judging period	27 - 34
Lifecycle	Commercial

Total 2017

Flower quality	4.3
Leaf quality	2.0
Mildew tolerance	2.3
Floriferousness (40%)	3.3
Plant judgement (60%)	2.3

Total scores

2017	2.7
2015	2.3
Average	2.5



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



Week 23



Week 27



Week 30

COSMOS CASANOVA RED - 2017

Information

Clone number	9900308
Gender	bipinnatus
Pot type	40 cm pot
Breeder	Floragran
Location	Plants Kortekruisweg
Flowertrial number/ field	13360 / 510
Starting material	Seed
Sticking/sowing week	
Judging period	27 - 34
Lifecycle	Commercial

Total 2017

Flower quality	3.7
Leaf quality	3.3
Mildew tolerance	2.7
Floriferousness (40%)	3.7
Plant judgement (60%)	3.0

Total scores

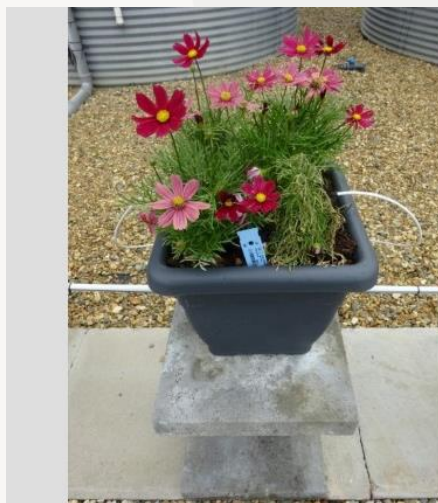
2017	3.3
2015	2.8
Average	3.1



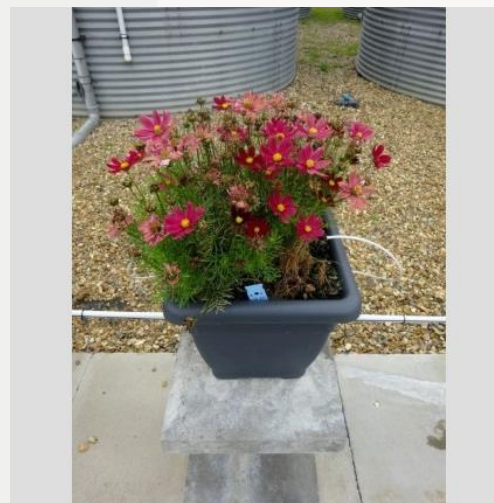
Judgement scale: 1=poor, 2=moderate, 3=average, 4=good, 5=excellent



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COSMOS CASANOVA VIOLET - 2017

Information

Clone number	9900307
Gender	bipinnatus
Pot type	40 cm pot
Breeder	Floragran
Location	Plants Kortekruisweg
Flowertrial number/ field	13360 / 511
Starting material	Seed
Sticking/sowing week	
Judging period	27 - 34
Lifecycle	Commercial

Total 2017

Flower quality	4.0
Leaf quality	2.7
Mildew tolerance	2.3
Floriferousness (40%)	4.0
Plant judgement (60%)	3.0

Total scores

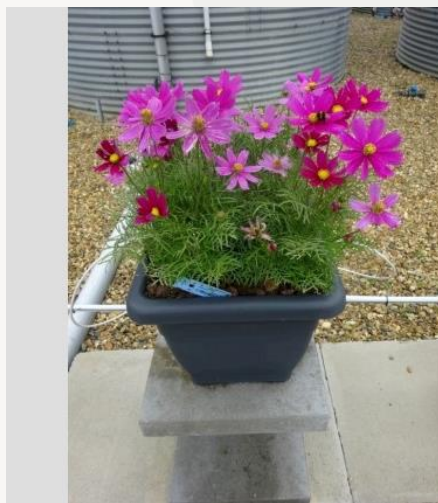
2017	3.4
2015	2.5
Average	3.0



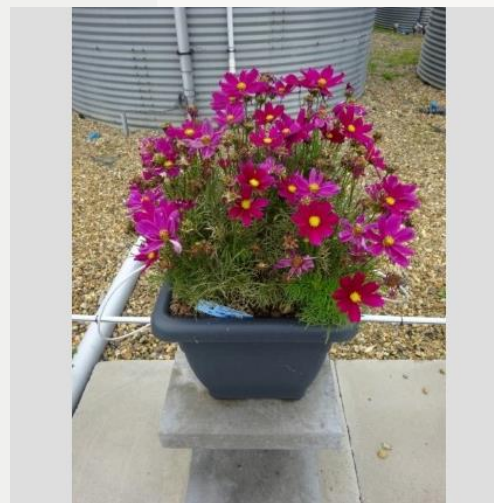
Judgement scale: 1=poor, 2=moderate, 3=average, 4=good, 5=excellent



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COSMOS CASANOVA WHITE - 2017

Information

Clone number	9900306
Gender	bipinnatus
Pot type	40 cm pot
Breeder	Floragran
Location	Plants Kortekruisweg
Flowertrial number/ field	13360 / 512
Starting material	Seed
Sticking/sowing week	
Judging period	27 - 34
Lifecycle	Commercial

Total 2017

Flower quality	4.0
Leaf quality	3.0
Mildew tolerance	3.3
Floriferousness (40%)	4.0
Plant judgement (60%)	3.0

Total scores

2017	3.4
2015	3.5
Average	3.5



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



Week 23



Week 27



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COSMOS SONATA CARMINE - 2020

Information

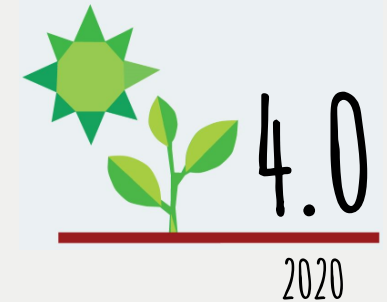
Clone number	9900249
Gender	bipinnatus
Pot type	40 cm pot
Breeder	Pan American
Location	Plants Kortekruisweg
Flowertrial number/ field	15790 / 20
Starting material	Seed
Sticking/sowing week	
Judging period	24 - 33
Lifecycle	Commercial

Total 2020

Flower quality	4.0
Leaf quality	3.8
Mildew tolerance	5.0
Floriferousness (40%)	4.8
Plant judgement (60%)	3.5

Total scores

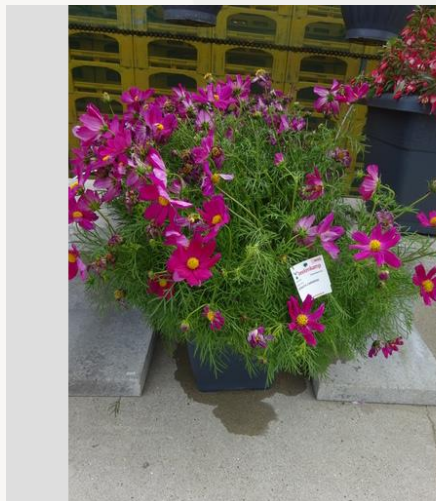
2020	4.0
2019	4.1
2017	2.9
2015	2.1
Average	3.3



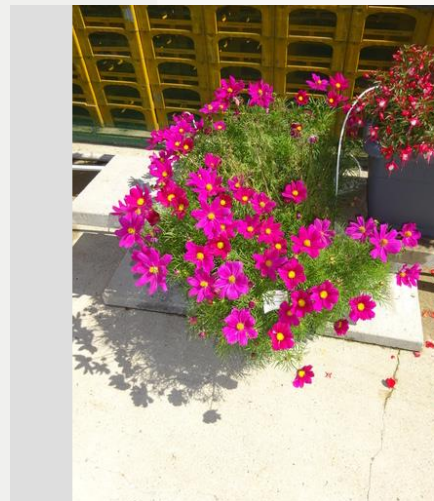
Judgement scale: 1=poor, 2=moderate, 3=average, 4=good, 5=excellent



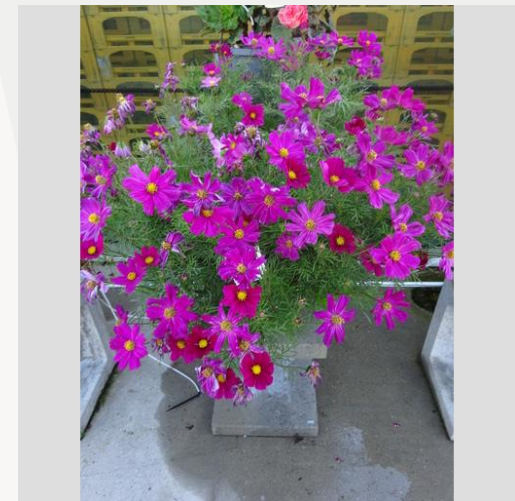
Week 24



Week 27



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Week 33

COSMOS SONATA PINK - 2020

Information

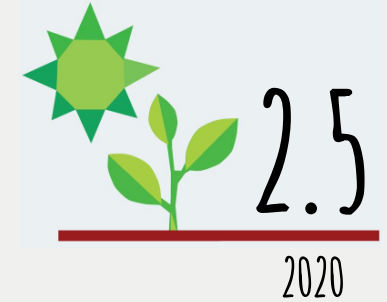
Clone number	9900250
Gender	bipinnatus
Pot type	40 cm pot
Breeder	Pan American
Location	Plants Kortekruisweg
Flowertrial number/ field	15790 / 21
Starting material	Seed
Sticking/sowing week	
Judging period	24 - 33
Lifecycle	Commercial

Total 2020

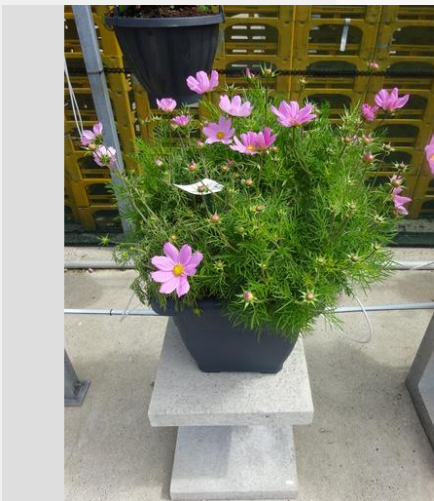
Flower quality	2.5
Leaf quality	3.0
Mildew tolerance	5.0
Floriferousness (40%)	2.5
Plant judgement (60%)	2.5

Total scores

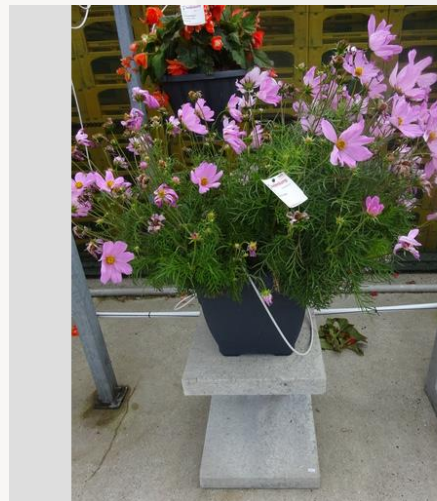
2020	2.5
2019	3.8
2017	3.5
2015	3.1
Average	3.2



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



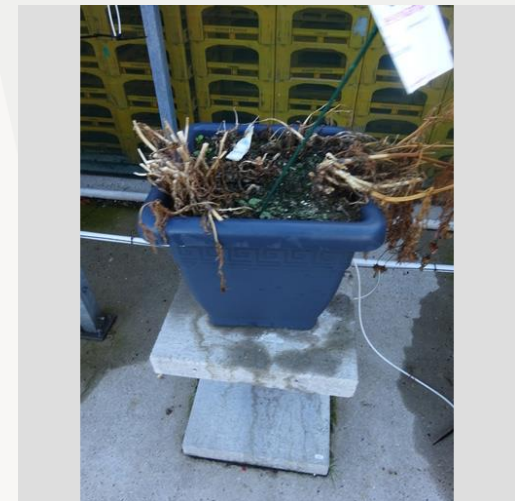
Week 24



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Week 33

COSMOS SONATA PURPLE SHADES - 2020

Information

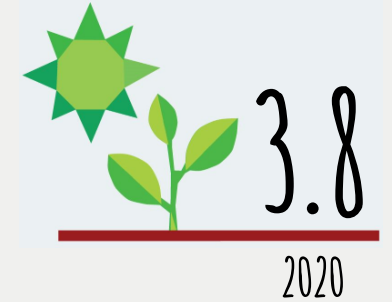
Clone number	9900569
Gender	bipinnatus
Pot type	40 cm pot
Breeder	Pan American
Location	Plants Kortekruisweg
Flowertrial number/ field	15790 / 23
Starting material	Seed
Sticking/sowing week	
Judging period	24 - 33
Lifecycle	Commercial

Total 2020

Flower quality	3.5
Leaf quality	4.5
Mildew tolerance	3.5
Floriferousness (40%)	3.8
Plant judgement (60%)	3.8

Total scores

2020	3.8
2019	3.8
Average	3.8



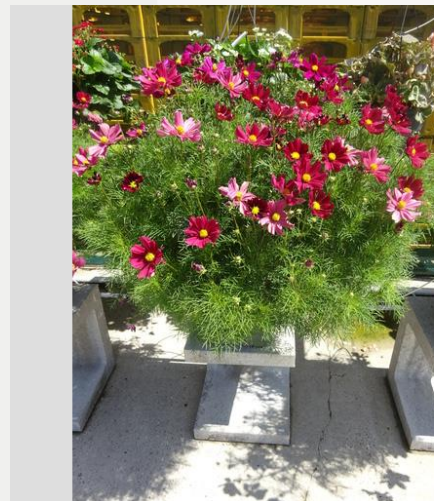
Judgement scale: 1=poor, 2=moderate, 3=average, 4=good, 5=excellent



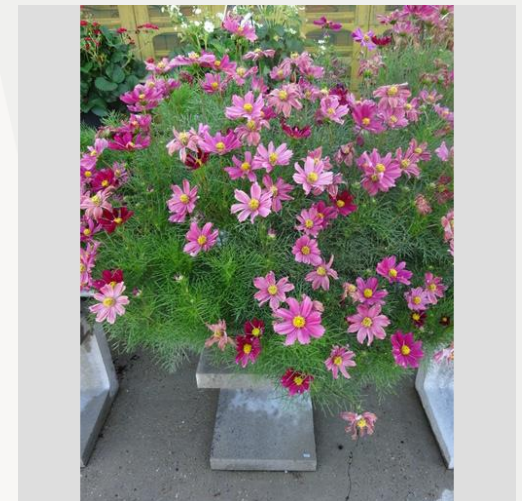
Week 24



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Week 33

COSMOS SONATA RED SHADES - 2020

Information

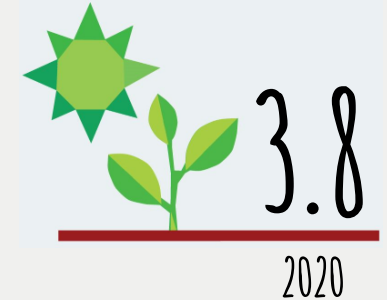
Clone number	9900570
Gender	bipinnatus
Pot type	40 cm pot
Breeder	Pan American
Location	Plants Kortekruisweg
Flowertrial number/ field	15790 / 24
Starting material	Seed
Sticking/sowing week	
Judging period	24 - 33
Lifecycle	Commercial

Total 2020

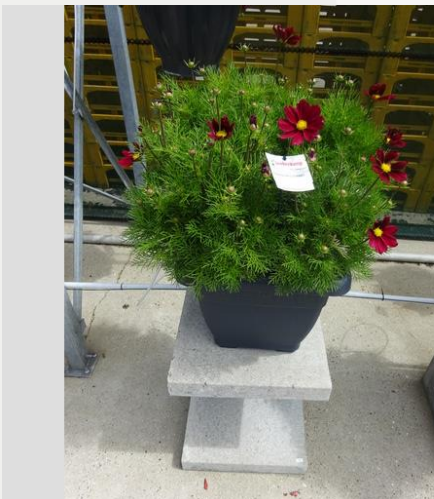
Flower quality	3.5
Leaf quality	4.0
Mildew tolerance	3.5
Floriferousness (40%)	4.3
Plant judgement (60%)	3.5

Total scores

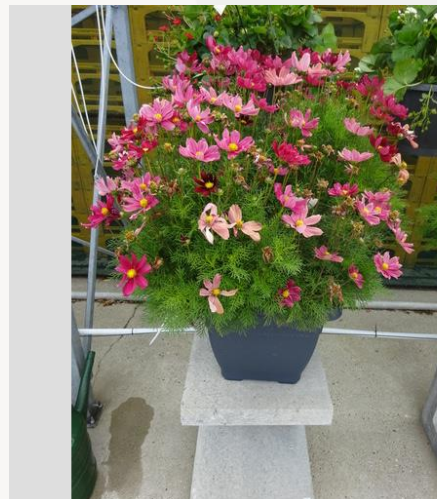
2020	3.8
2019	3.5
Average	3.7



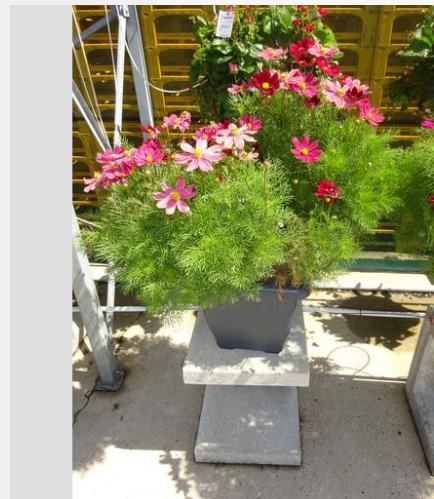
Judgement scale: 1=poor, 2=moderate, 3=average, 4=good, 5=excellent



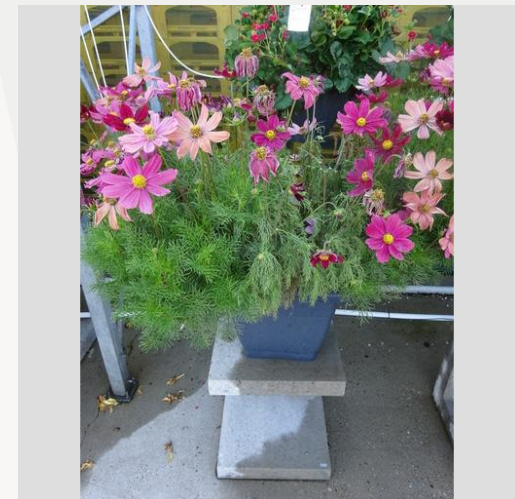
Week 24



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COSMOS SONATA WHITE - 2020

Information

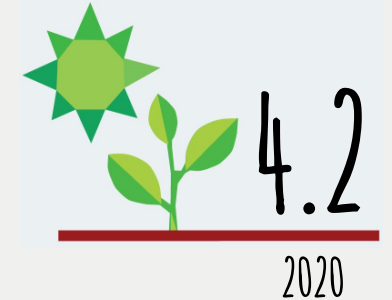
Clone number	9900251
Gender	bipinnatus
Pot type	40 cm pot
Breeder	Pan American
Location	Plants Kortekruisweg
Flowertrial number/ field	15790 / 22
Starting material	Seed
Sticking/sowing week	
Judging period	24 - 33
Lifecycle	Commercial

Total 2020

Flower quality	4.5
Leaf quality	4.3
Mildew tolerance	4.0
Floriferousness (40%)	4.5
Plant judgement (60%)	4.0

Total scores

2020	4.2
2019	3.9
2017	3.4
2015	1.5
Average	3.3



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



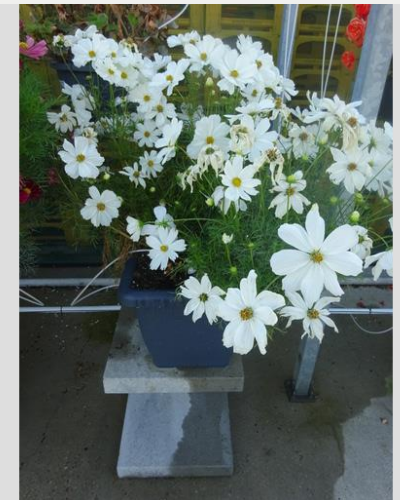
Week 24



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Week 33