

SHOWGARDEN

Celosia - 2020

11/09/2020





CELOSIA

General information

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

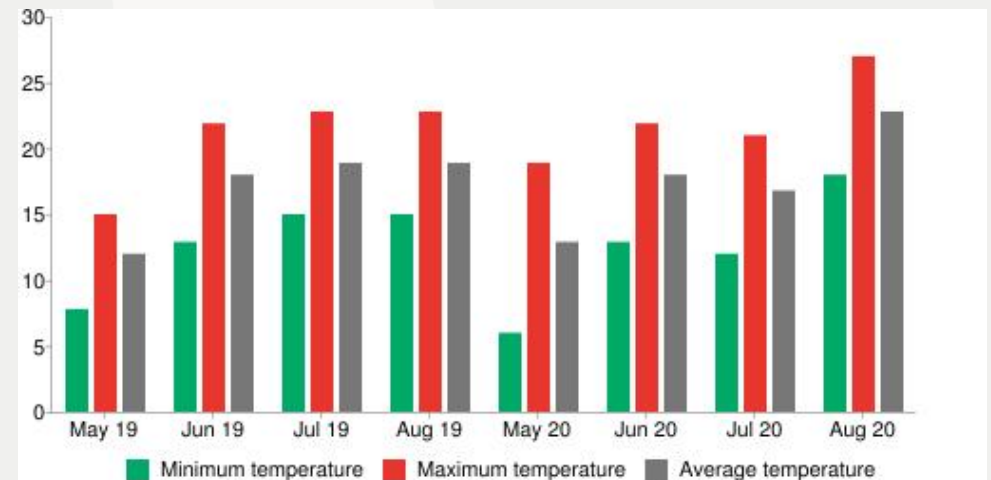
The plants are replanted from a small pot or as plugs planted into a 20 litre pot or 9,5 litre hanging basket around week 16. In each pot 5 plants are planted and in each hanging basket 3 plants. Around week 20, the plants are put outdoors after some hardening off in a cold greenhouse. The pots are placed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



CELOSIA CESP 1873 - 2020

Information

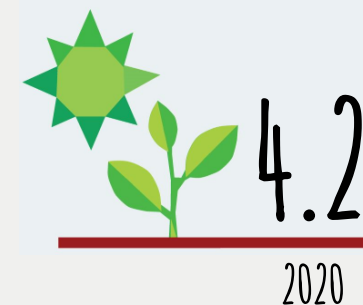
Clone number	1401873
Gender	spicata
Pot type	40 cm pot
Breeder	BK Plants
Location	Plants Kortekruisweg
Flowertrial number/ field	15790 / 303
Starting material	Cutting
Sticking/sowing week	
Judging period	24 - 33
Lifecycle	Test

Total 2020

Flower quality	4.8
Leaf quality	5.0
Mildew tolerance	5.0
Floriferousness (40%)	4.0
Plant judgement (60%)	4.3

Total scores

2020	4.2
2019	2.2
2018	3.1
Average	3.2



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



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CELOSIA DRAGON'S BREATH RED - 2020

Information

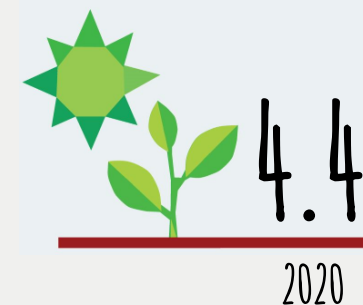
Clone number	1400333
Gender	argentea var. plumosa
Pot type	40 cm pot
Breeder	Sakata
Location	Plants Kortekruisweg
Flowertrial number/ field	15790 / 305
Starting material	Seed
Sticking/sowing week	
Judging period	24 - 33
Lifecycle	Commercial

Total 2020

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

Total scores

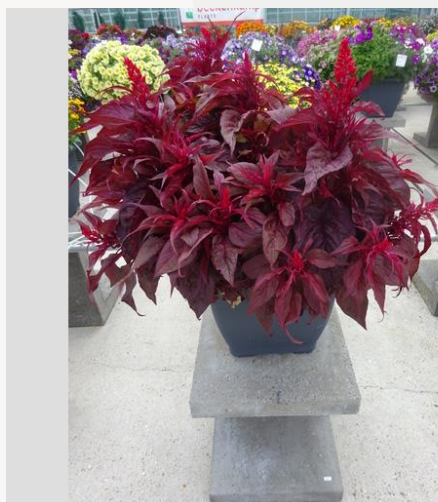
2020	4.4
2019	4.5
2018	4.4
Average	4.4



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



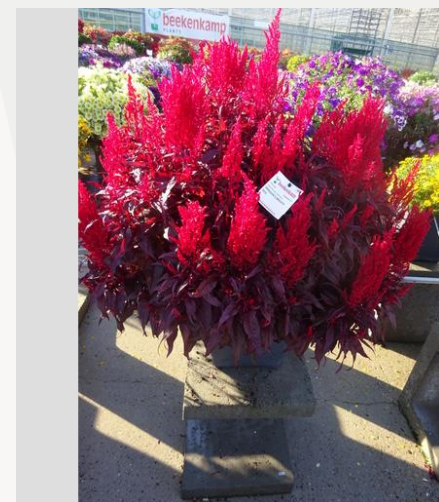
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CELOSIA KELOS® ATOMIC NEON PINK - 2020

Information

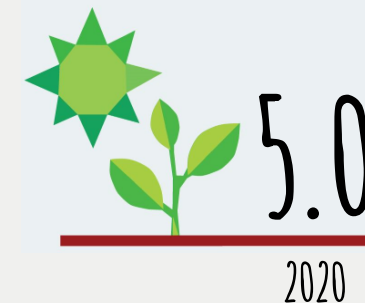
Clone number	1401668
Gender	spicata
Pot type	40 cm pot
Breeder	BK Plants
Location	Plants Kortekruisweg
Flowertrial number/ field	15790 / 300
Starting material	Cutting
Sticking/sowing week	
Judging period	24 - 33
Lifecycle	Commercial

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

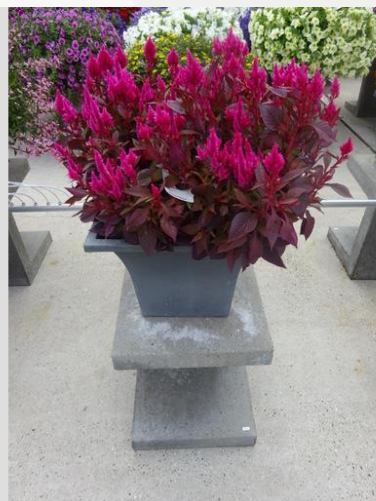
2020	5.0
2019	2.6
2018	4.2
2016	4.6
Average	4.1



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



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CELOSIA KELOS® ATOMIC VIOLET - 2020

Information

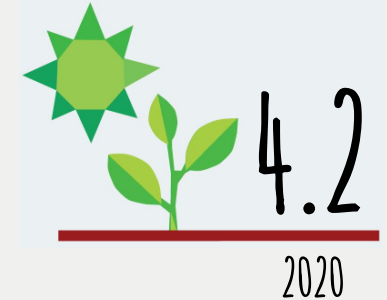
Clone number	1401780
Gender	spicata
Pot type	40 cm pot
Breeder	BK Plants
Location	Plants Kortekruisweg
Flowertrial number/ field	15790 / 301
Starting material	Cutting
Sticking/sowing week	
Judging period	24 - 33
Lifecycle	Commercial

Total 2020

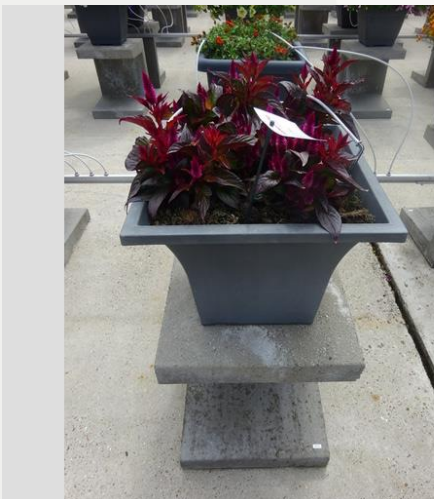
Flower quality	4.8
Leaf quality	4.8
Mildew tolerance	5.0
Floriferousness (40%)	4.0
Plant judgement (60%)	4.3

Total scores

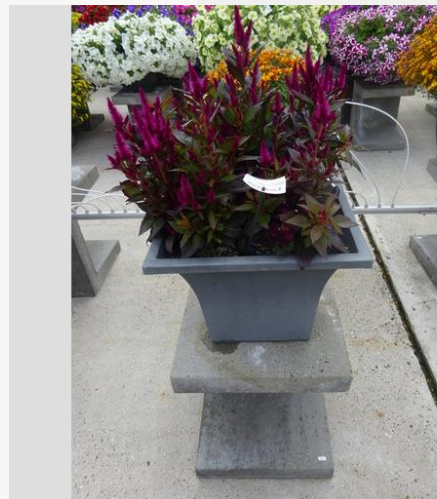
2020	4.2
2019	2.9
2018	4.1
2016	3.5
Average	3.7



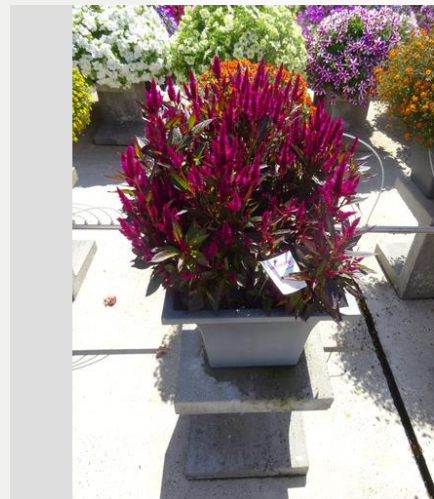
Judgement scale: 1=poor, 2=moderate, 3=average, 4=good, 5=excellent



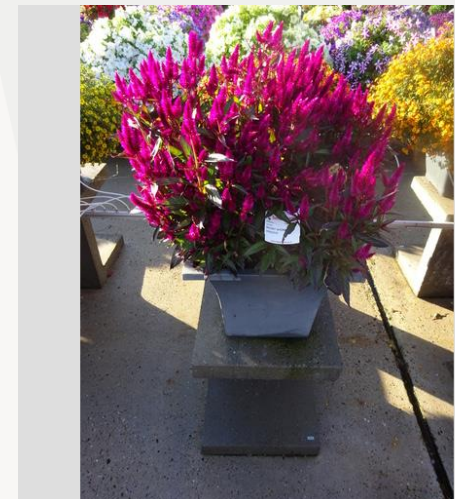
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CELOSIA KELOS® CANDELA PINK - 2020

Information

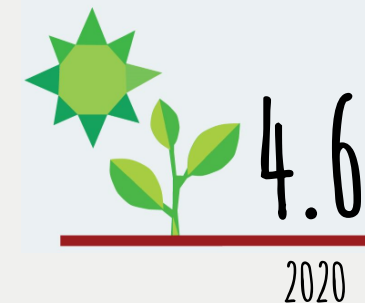
Clone number	1401889
Gender	spicata
Pot type	40 cm pot
Breeder	BK Plants
Location	Plants Kortekruisweg
Flowertrial number/ field	15790 / 302
Starting material	Cutting
Sticking/sowing week	
Judging period	24 - 33
Lifecycle	Pre-commercial

Total 2020

Flower quality	4.8
Leaf quality	4.0
Mildew tolerance	5.0
Floriferousness (40%)	5.0
Plant judgement (60%)	4.3

Total scores

2020	4.6
2018	4.3
Average	4.5



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



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CELOSIA KELOS® FIRE CEPL 1967 - 2020

Information

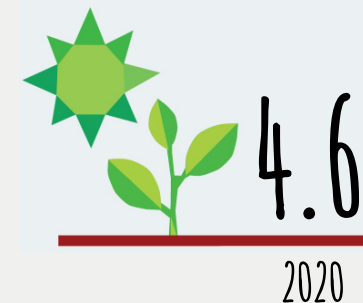
Clone number	1401967
Gender	argentea var. plumosa
Pot type	40 cm pot
Breeder	BK Plants
Location	Plants Kortekruisweg
Flowertrial number/ field	15790 / 304
Starting material	Cutting
Sticking/sowing week	
Judging period	24 - 33
Lifecycle	Test ALLEEN iom AvdL/GP

Total 2020

Flower quality	4.5
Leaf quality	4.0
Mildew tolerance	5.0
Floriferousness (40%)	5.0
Plant judgement (60%)	4.3

Total scores

2020	4.6
2018	4.4
Average	4.5



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



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CELOSIA KELOS® FIRE LIME - 2020

Information

Clone number	1401571
Gender	argentea var. plumosa
Pot type	40 cm pot
Breeder	BK Plants
Location	Plants Kortekruisweg
Flowertrial number/ field	15790 / 292
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%)	5.0
Plant judgement (60%)	4.5

Total scores

2020	4.7
2019	3.9
2018	4.3
2016	4.3
Average	4.3



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



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CELOSIA KELOS® FIRE MAGENTA - 2020

Information

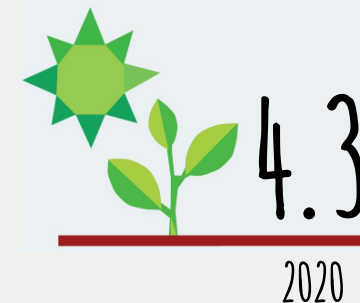
Clone number	1401097
Gender	argentea var. plumosa
Pot type	40 cm pot
Breeder	BK Plants
Location	Plants Kortekruisweg
Flowertrial number/ field	15790 / 293
Starting material	Cutting
Sticking/sowing week	
Judging period	24 - 33
Lifecycle	Commercial

Total 2020

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

Total scores

2020	4.3
2019	4.3
2018	4.0
2015	3.5
Average	4.0



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



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CELOSIA KELOS® FIRE ORANGE - 2020

Information

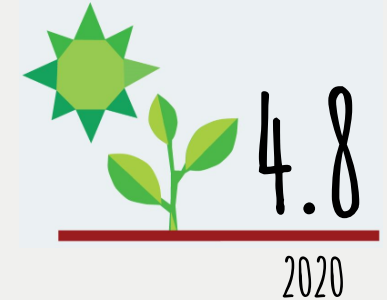
Clone number	1401242
Gender	argentea var. plumosa
Pot type	40 cm pot
Breeder	BK Plants
Location	Plants Kortekruisweg
Flowertrial number/ field	15790 / 294
Starting material	Cutting
Sticking/sowing week	
Judging period	24 - 33
Lifecycle	Commercial

Total 2020

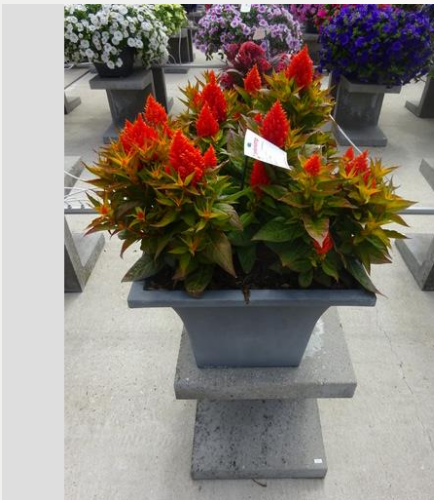
Flower quality	4.5
Leaf quality	4.8
Mildew tolerance	5.0
Floriferousness (40%)	4.8
Plant judgement (60%)	4.8

Total scores

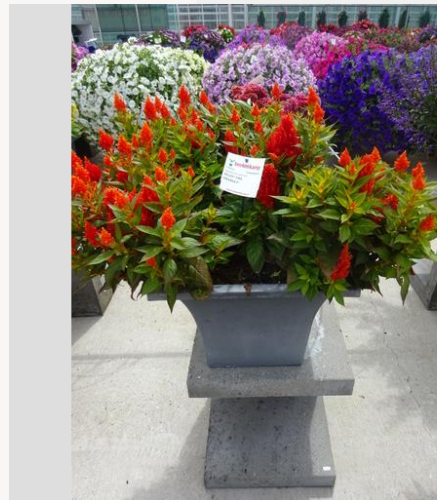
2020	4.8
2019	3.9
2018	3.6
2016	4.4
Average	4.2



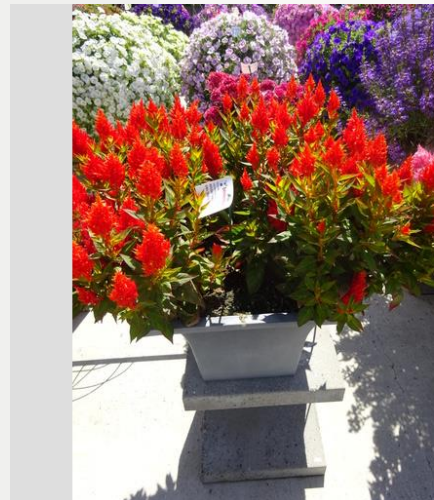
Judgement scale: 1=poor, 2=moderate, 3=average, 4=good, 5=excellent



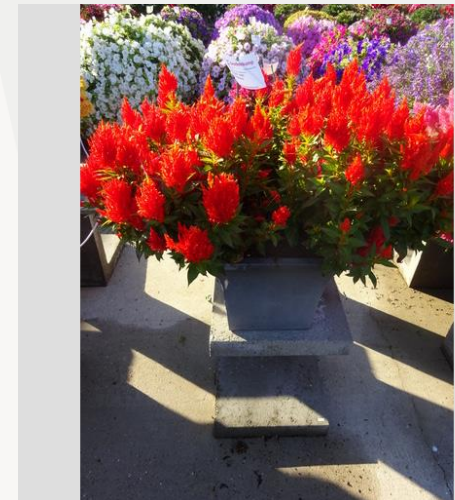
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CELOSIA KELOS® FIRE PINK - 2020

Information

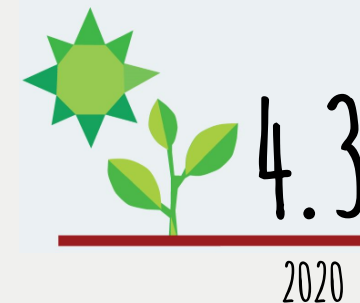
Clone number	1401556
Gender	argentea var. plumosa
Pot type	40 cm pot
Breeder	BK Plants
Location	Plants Kortekruisweg
Flowertrial number/ field	15790 / 295
Starting material	Cutting
Sticking/sowing week	
Judging period	24 - 33
Lifecycle	Commercial

Total 2020

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

Total scores

2020	4.3
2019	3.8
2018	3.5
2016	4.4
Average	4.0



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



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CELOSIA KELOS® FIRE PURPLE - 2020

Information

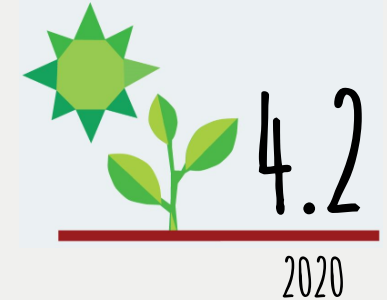
Clone number	1401554
Gender	argentea var. plumosa
Pot type	40 cm pot
Breeder	BK Plants
Location	Plants Kortekruisweg
Flowertrial number/ field	15790 / 296
Starting material	Cutting
Sticking/sowing week	
Judging period	24 - 33
Lifecycle	Commercial

Total 2020

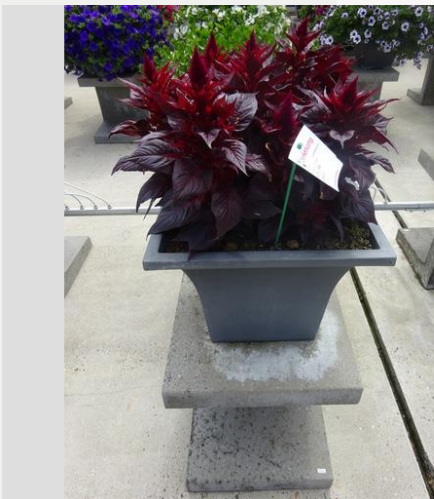
Flower quality	5.0
Leaf quality	5.0
Mildew tolerance	5.0
Floriferousness (40%)	4.0
Plant judgement (60%)	4.3

Total scores

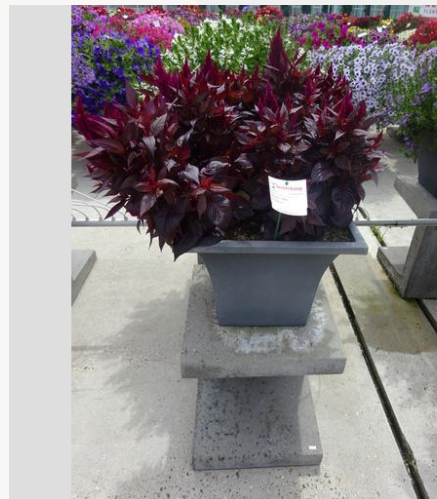
2020	4.2
2019	3.0
2018	3.6
2016	4.7
Average	3.9



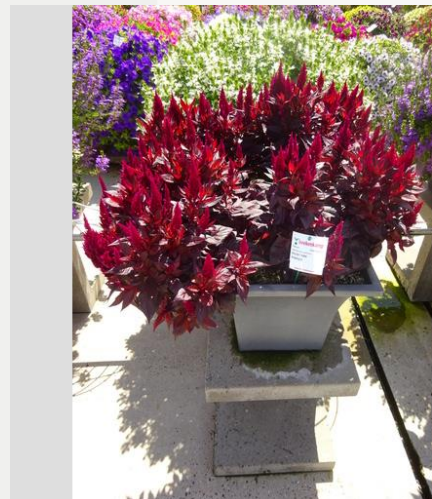
Judgement scale: 1=poor, 2=moderate, 3=average, 4=good, 5=excellent



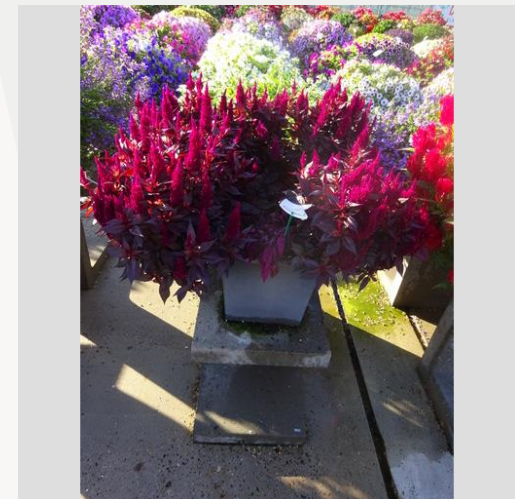
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CELOSIA KELOS® FIRE RED - 2020

Information

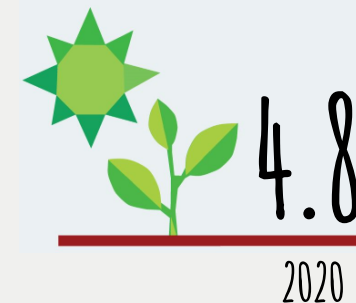
Clone number	1401584
Gender	argentea var. plumosa
Pot type	40 cm pot
Breeder	BK Plants
Location	Plants Kortekruisweg
Flowertrial number/ field	15790 / 297
Starting material	Cutting
Sticking/sowing week	
Judging period	24 - 33
Lifecycle	Commercial

Total 2020

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

Total scores

2020	4.8
2019	4.6
2018	3.6
2016	4.7
Average	4.4



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



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CELOSIA KELOS® FIRE SCARLET - 2020

Information

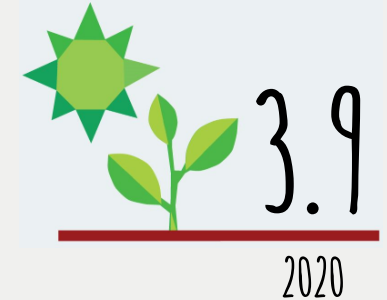
Clone number	1401362
Gender	argentea var. plumosa
Pot type	40 cm pot
Breeder	BK Plants
Location	Plants Kortekruisweg
Flowertrial number/ field	15790 / 298
Starting material	Cutting
Sticking/sowing week	
Judging period	24 - 33
Lifecycle	Commercial

Total 2020

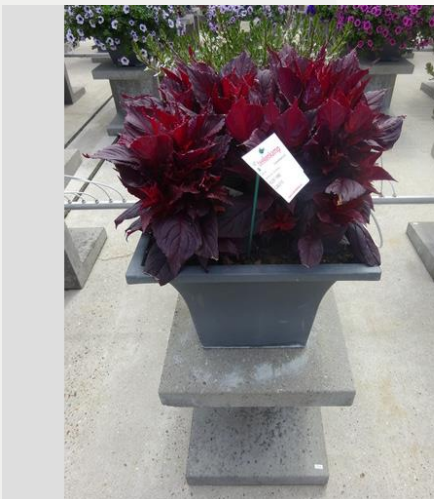
Flower quality	3.5
Leaf quality	5.0
Mildew tolerance	5.0
Floriferousness (40%)	3.0
Plant judgement (60%)	4.5

Total scores

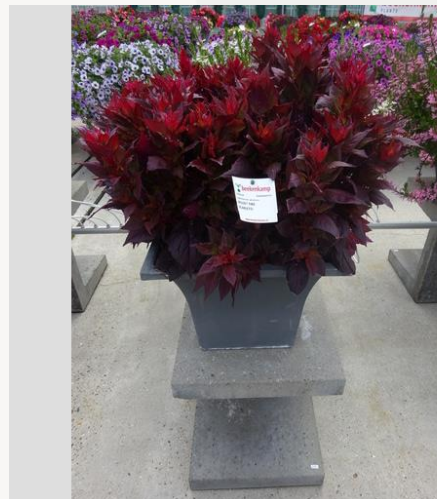
2020	3.9
2019	3.0
2018	4.1
2016	4.9
Average	4.0



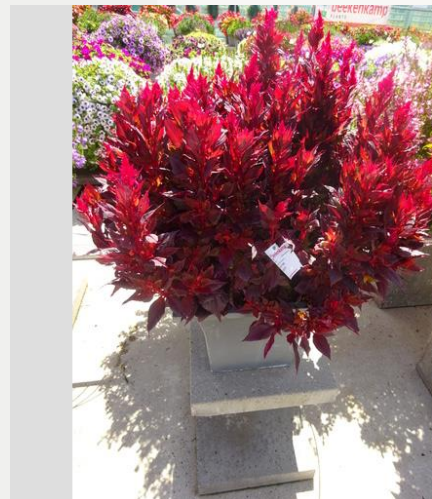
Judgement scale: 1=poor, 2=moderate, 3=average, 4=good, 5=excellent



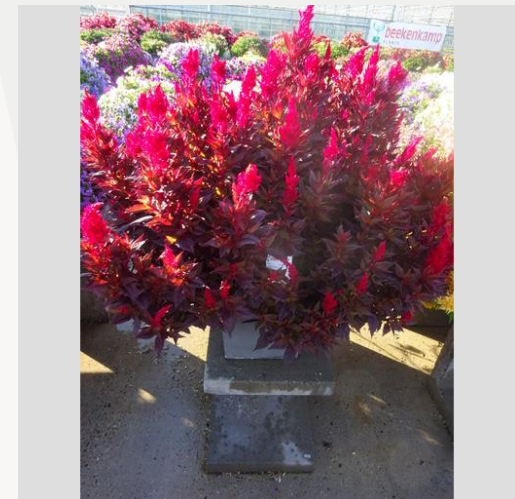
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CELOSIA KELOS® FIRE YELLOW - 2020

Information

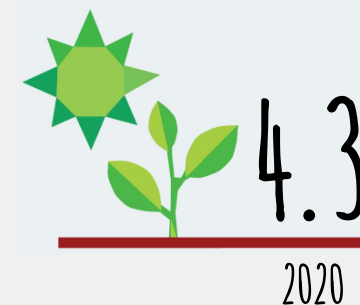
Clone number	1400221
Gender	argentea var. plumosa
Pot type	40 cm pot
Breeder	BK Plants
Location	Plants Kortekruisweg
Flowertrial number/ field	15790 / 299
Starting material	Cutting
Sticking/sowing week	
Judging period	24 - 33
Lifecycle	Commercial

Total 2020

Flower quality	4.3
Leaf quality	4.3
Mildew tolerance	5.0
Floriferousness (40%)	5.0
Plant judgement (60%)	3.8

Total scores

2020	4.3
2019	2.1
2018	3.5
2016	4.6
Average	3.6



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



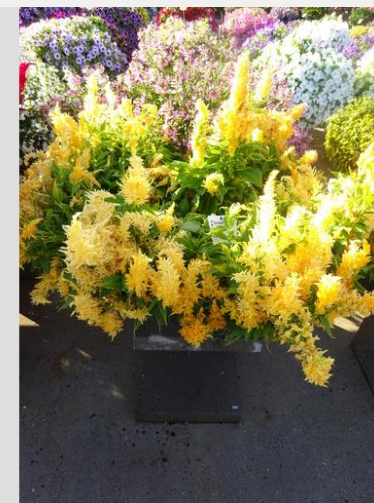
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