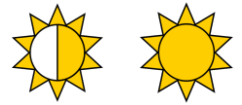


Golden Freckles™

Marcadonia grandiflora



Golden Freckles™

- Heat and slightly drought tolerant annual
- Early to flower
- Mature height and width is 10 cm x 30 cm (4 x 12 inches)

For additional technical growing information:

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Golden Freckles™

Marcadonia grandiflora



PROPAGATION TIPS

- Stick on priority – Number 3 out of 4 categories



Flowering time
Spring / Summer
Flowering



Width
10" to 12"
24 to 30 cm



Height
4" to 6"
10 to 15 cm

Average Time	Temperature	Hormone	Fertilization	Fungicide
5 weeks	Weeks 1 - 2 21° - 22°C (70°-72° F)	No	Weeks 1-2 50 ppm N	Spray fungicide to control Botrytis and bacteria day of sticking
	Weeks 3 - 5 20° - 21° C (68° - 70° F)		Weeks 3-5 100 ppm N	Day of sticking & Week 2



Irrigation specification – Spray with adjuvant the day of sticking/Remove from mist as soon as possible



Marcadonia Golden Freckles is day neutral and prefers bright light conditions for maximum flowering. Moderate moisture levels for the media in propagation.

Rooting	pH	EC	Temp	Feed	Light	PGR	Fungicide	Comments
Week 1	5.8 / 6.2	0.80	72 / 74 F (22 / 23 C)	50 ppm N in mist	Not required		Day of sticking	
Week 2	5.8 to 6.2	.80 to .90	72 / 74 F (22 / 23 C)	50 ppm N in mist			Second fungicide app	
Week 3	5.8 to 6.2	.90 to 1.0	72 / 74 F (22 / 23 C)	Feed 100 ppm N				
Week 4	5.8 to 6.2	.90 to 1.0	Cool to 70 F (21 C)	Feed 100 ppm N		Daminozide as needed		
Week 5	5.8 to 6.2	.90 to 1.0	Cool to 68 / 70 F (20 / 21 C)	Feed 100 ppm N				

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Golden Freckles™

Marcadonia grandiflora



FINISHING TIPS

- High quality plants with many more flowers are finished with high light
- Cool temperatures may create stress and develop yellow stems or at the meristems. When the temperatures warm, the plants will return to a green color

Average Time (from liners)	Temperature	Pinch/Daylength Modification	Fertilization	Plant Growth Regulator
5 to 7 wks	Average Day	Pinch –should not be required	150 - 200 ppm N Soil EC 1.0 to 1.2 pH 5.8 to 6.2	Should not be required
10 cm (quart)	68° to 70° F (20° to 21°C)			
6 to 8 wks				
15 cm (6'')				

		Recommended Chemicals
Pests	Aphids	ACETAMIPRID, FLONICAMID, IMIDACLOPRID, DICHLORVOS
	Thrips	METHIOCARB, ACRINATHRIN, ABAMECTIN, DICHLORVOS, SPINOSAD
Diseases	Botrytis	CYPRODINIL+FLUDIOXONIL, IPRODIONE, POLYOXIN
	Pythium	PROPAMOCARB
	Phytophthora	PROPAMOCARB



- Cool temperatures may create yellowing at the end of plant stems
- Do not allow soil to become oversaturated
- Scout for Aphids, Mites and Thrips
- Drench after transplant for Rhizoctonia and Pythium / Phytophthora

Finishing	pH	EC	Temp	Feed	Light	PGR	Fungicide	Comments
Week 5 Transplant	5.8 to 6.2	1.0 to 1.2	68 to 70 F (20° to 21°C)	feed 100 ppm N	None	Only under low light conditions	Drench fungicide after transplant	Control of Pythium & Rhizoctonia
Week 6 to 14	5.8 to 6.2	1.0 to 1.2	68 to 70 F (20° to 21°C)	feed 100 to 125 ppm N				

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