

# Asteriscus maritimus Aurelia®

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Central Europe  
North Europe  
South Europe



Aurelia Gold  
Aurelia Early  
Aurelia Sun

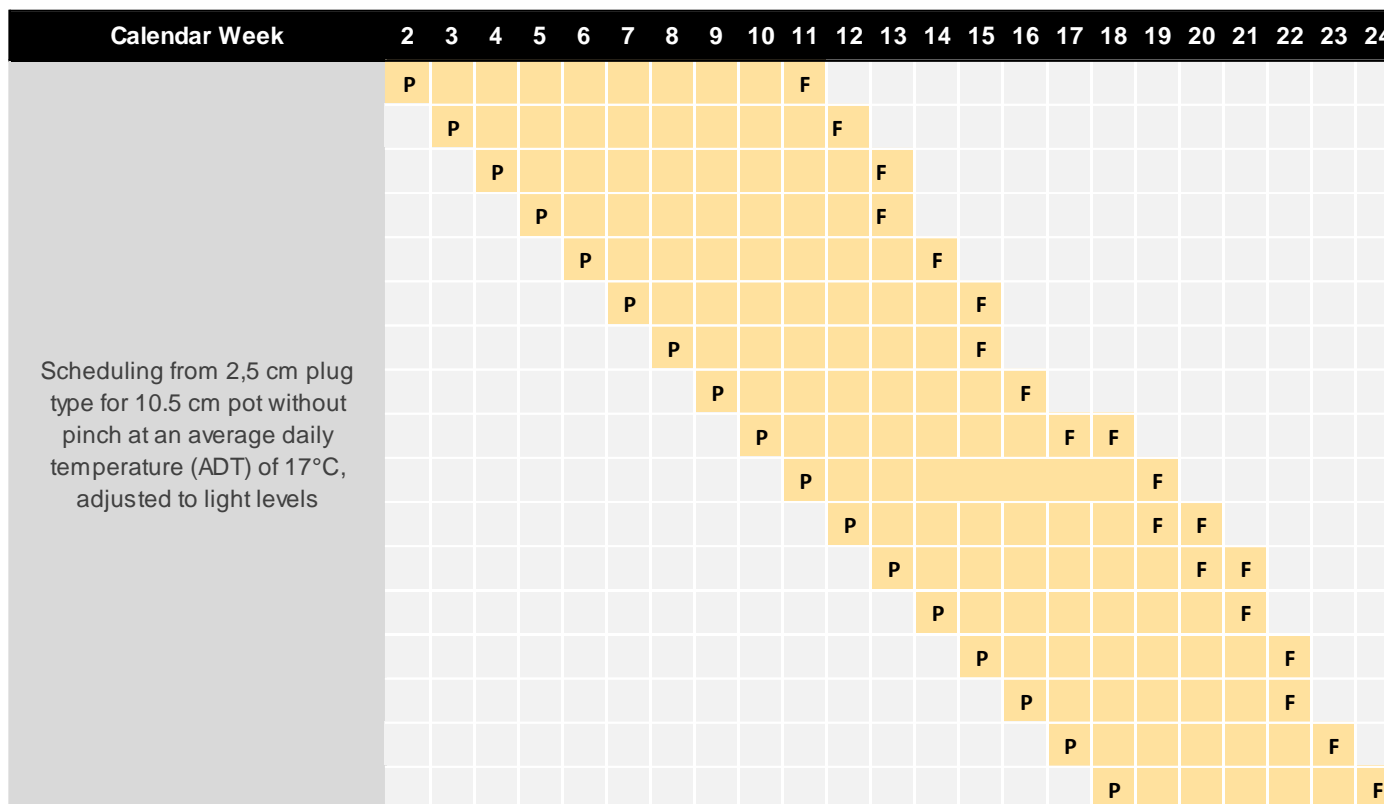
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# Finished Plant Aurelia 10.5 cm pot

Series 	Type 	Leaf colour 	Pot size 	Plants/m <sup>2</sup> finished 
Aurelia Early	compact	green	10.5–15 cm	50-20 plants/m <sup>2</sup>
Aurelia Gold	medium	green	10.5–15 cm	50-20 plants/m <sup>2</sup>
Aurelia Sun	compact	green	7-10.5 cm	50-20 plants/m <sup>2</sup>

## Remarks

Temperature of 18-20°C during the day and 15-18°C at night. Mantenate. Aurelia is a slow growing plant and does not need pinching. Aurelia can also be used in baskets of 3 plants. Aurelia. Culture time can vary up to 2 weeks depending on light and temperature.



# Cultivation Advice

**Aurelia is a range of 3 genetics.** It resists to drought and full sun You can use it in pots or basket, Aurelia Sun is the earliest, followed by Aurelia Gold.



## Fertilization & Substrate

Important to keep EC levels of the growing media in the range of 1.5 - 2.0. Measure the EC every week. If EC in the substrate is above 2,0 - use clear water or fertilize with EC < 1,0 until the EC in the substrate is at desired level. Increase the N:K relation to 1:3 after 4 weeks to improve the compact habit of the crop. The use of potassium phosphite ( $\text{KH}_2\text{PO}_3$ ) will strengthen the plant against disease.



## Pests and Diseases

No significant insects problems. To prevent Fungal Root Rot avoid over saturated media.



## Light

Asteriscus grows best under high light conditions. Supplemental lighting can be used in northern climates under dark, cloudy conditions.



## Irrigation

Media should be allowed to dry between irrigation. Asteriscus is a slow grower and should not be over-watered.



## PGR Applications

Generally not needed






# Recommendations

Culture guideline at optimum average daily temperature 16–18°C:





Culture week	1	2	3	4	5	6	7	8	9	10	
Handling	S										
Temperature D/N	18–19°C		14–16°C								
Light	☀										
Shading	☀										
Humidity	50–70%										
Moisture	3–2										
pH	5,8–6,0										
EC growing medium	1,2 mS/cm			1,5 mS/cm							
EC feeding in mS/cm	1,5 mS/cm			2,0 mS/cm							
Fertilizer	N : K 1 : 1				N : K 1 : 1,5						

## Legend







### Soil moisture level

	<b>5 saturated:</b> water is easily observed. When the substrate is touched, water moves out freely from top to bottom.
	<b>4 wet:</b> water is not easily observed. When the substrate is touched, there is very little movement of water from top to bottom.
	<b>3 moist:</b> the substrate is black but not glistening. When the substrate is touched, there is water, but virtually no water movement.
	<b>2 medium:</b> the substrate turns from dark to medium brown. There is no water movement when touched.
	<b>1 dry:</b> the substrate changed color to very light brown.








### Culture stages Cuttings / Seeds

	callus development / germ1, radicle emergence
	root development / germ2, cotyledon expansion
	leaf development / plug bulking
	plug finishing / plug finishing










### EC zones feeding mS/cm

	<b>1</b> 0,5–1,0 mS/cm
	<b>2</b> 1,0–1,5 mS/cm
	<b>3</b> 1,5–2,0 mS/cm
	<b>4</b> 2,0–2,5 mS/cm
	<b>5</b> 2,5–3,0 mS/cm
	<b>6</b> 3,0–3,5 mS/cm







### EC zones growing medium mS/cm (Sonneveld 1:1,5)

	<b>1</b> 0,5–0,75 mS/cm
	<b>2</b> 0,75–1,0 mS/cm
	<b>3</b> 1,0–1,25 mS/cm
	<b>4</b> 1,25–1,5 mS/cm
	<b>5</b> 1,5–1,75 mS/cm
	<b>6</b> 1,75–2,0 mS/cm
	<b>7</b> 2,0–2,25 mS/cm




### Temperature zones

	<b>1</b> 0–5°C
	<b>2</b> 5–8°C
	<b>3</b> 8–12°C
	<b>4</b> 12–14°C
	<b>5</b> 14–16°C
	<b>6</b> 16–18°C
	<b>7</b> 18–20°C
	<b>8</b> 20–22°C
	<b>9</b> >22°C

### Light zones

	<b>1</b> total darkness
	<b>2</b> short day <12 h/short day treatment
	<b>3</b> shaded
	<b>4</b> no-shading / natural light
	<b>5</b> supplemental light > 14 h/long day treatment
	<b>6</b> night interruption

### Shading

	<b>1</b> shading > 250 W/m2
	<b>2</b> shading > 450 W/m2
	<b>3</b> shading > 750 W/m2

<b>ST</b>	sticking URC	<b>PC</b>	plastic cover
<b>RD</b>	root development	<b>L</b>	lift cover
<b>SC<sub>0</sub></b>	sowing no Vermiculite cover	<b>G</b>	gapping
<b>SC<sub>1</sub></b>	sowing plus light Vermiculite cover	<b>TP</b>	transplanting
<b>SC<sub>2</sub></b>	sowing plus medium Vermiculite cover	<b>T</b>	ypl transplanting
<b>SC<sub>3</sub></b>	sowing plus thick Vermiculite cover	<b>C</b>	cover to protect from frost
<b>RE</b>	radicle emergence	<b>PGR</b>	PGR treatment (spray)
<b>Cot</b>	cotyledon	<b>PD</b>	PGR treatment (drench) or heavy spray
<b>M<sub>1</sub></b>	mist day and night	<b>&gt;</b>	pinch
<b>M<sub>2</sub></b>	mist day – dry night	<b>DB</b>	disbud
<b>W</b>	end mist	<b>P</b>	potting
<b>FC</b>	fleece cover	<b>S</b>	spacing
<b>PC</b>	plastic cover	<b>F</b>	flowering
		<b>LF</b>	leaf removal and maintenance