



CROP MANUAL

Aptenia cordifolia Mezoo








Central Europe
North Europe
South Europe



Mezoo

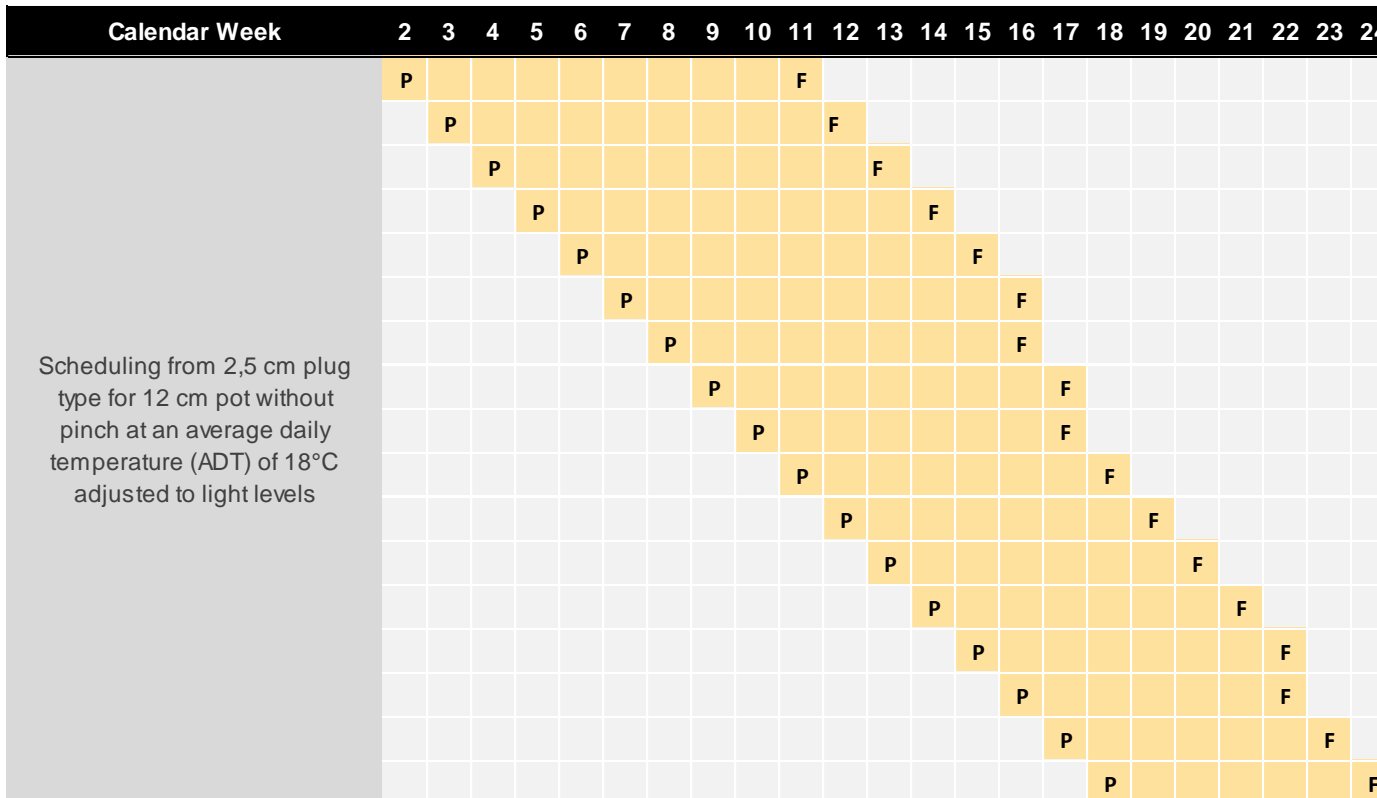
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Finished Plant Mezoo 12 cm pot

Series 	Type 	Leaf colour 	Pot size 	Plants/m ² finished 
Mezoo	vigorous	green white edge	10-14 cm, Hanging Baskets	50-25-8 plants/m ²

Remarks

Pinching is facultative. Mezoo can be grown in pots or in Hanging Baskets. In the garden it will become a nice ground cover. It can also be grown in baskets of 27 cm, count 3 plants per pot. Count 2 more weeks of culture for a hanging basket.



Cultivation Advice

Mezoo has a variegated foliage. Mezoo works best in basket but it can also be used as a low-growing ground cover. It has excellent heat and drought tolerance in the landscape.



Fertilization & Substrate

Mezoo is a moderate feeder. 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.



Spacing

Spacing on time during the culture period is crucial to avoid stretched and uncontrollable growth.



Light

Mezoo grows best under high light conditions



Pests and Diseases

No significant Insect or disease problems



PGR Applications

Not needed on Mezoo. It is a trailing or ground cover plant.






Recommendations

Culture guideline at optimum average daily temperature of 18°C :





Culture week	1	2	3	4	5	6	7	8	9	10
Handling										
Temperature D/N	18–24°		16–18°C							
Light					☀					
Shading					☀					
Humidity					50–70%					
Moisture					3–2					
pH					5,6–6,2					
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

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

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







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

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




Temperature zones

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

Light zones

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

Shading

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

ST	sticking URC	PC	plastic cover
RD	root development	L	lift cover
SC₀	sowing no Vermiculite cover	G	gapping
SC₁	sowing plus light Vermiculite cover	TP	transplanting
SC₂	sowing plus medium Vermiculite cover	T	ypl transplanting
SC₃	sowing plus thick Vermiculite cover	C	cover to protect from frost
RE	radicle emergence	PGR	PGR treatment (spray)
Cot	cotyledon	PD	PGR treatment (drench) or heavy spray
M₁	mist day and night	>C	pinch
M₂	mist day – dry night	DB	disbud
W	end mist	P	potting
FC	fleece cover	S	spacing
PC	plastic cover	F	flowering
		LF	leaf removal and maintenance