

Lantana camara








Central Europe
North Europe
South Europe



Bandana
Bandolero
Bandana Landscape

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Finished Plant Bandana – Bandolero 10.5-12 cm pot






Series 	Type 	Leaf colour 	Pot size 	Plants/m ² finished 
Bandana	compact	green	10.5–12 cm	50 - 25 plants/m ²
Bandolero	medium	green	12 - 14 cm	25 - 16 plants/m ²
Bandana Landscape	vigorous	green	Hanging Basket	10 hanging baskets/m ²

Remarks

Lantana Bandana and Bandolero are day length neutral. They are very sensitive to average growing temperature and react very strongly to flowering delay and too low temperature. Cold chlorosis is already possible below 14°C. Recommended average temperature is minimum 18°C. Culture time can vary from 1 to 2 weeks depending on temperature and light.

Calendar Week		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24		
Scheduling from 2,5 cm plug type for 10.5 cm-12 cm pot with one pinch, one plant per pot adjusted to light levels	Average temp. 16°C		P		✂													F	F							
				P		✂														F	F					
					P		✂														F	F				
							P		✂													F	F			
	Average temp. 20°C							P		✂										F	F					
									P		✂										F	F				
										P		✂										F	F			
											P		✂										F	F		

Finished Plant Bandana Landscape 27 cm Hanging Basket

Series 	Type 	Leaf colour 	Pot size 	Plants/m ² finished 
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Calendar Week	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24			
Scheduling from 2,5 cm plug type for a 27 cm hanging basket with 3 plants, no pinch	Average temp. 16°C		P													F	F									
				P														F	F							
					P															F	F					
						P															F	F				
	Average temp. 20°C						P										F	F								
								P										F	F							
									P										F	F						
											P									F	F					

Cultivation Advice

Select each series for the right pot size. Bandana is recommended for a 10.5-12 cm pot when Bandolero fits better in a 12 to 14 cm pot. Bandana Landscape is a vigorous variety ideal in hanging basket but can be also grown in large patio pots. Temperature is the key point to speed up the growth and the flowering. Under 14°C you can observe chlorosis. Pinching is facultative on Bandana and Bandolero but will give a better branching habit and nicer plant.



Fertilization & Substrate

Lantanas are moderate feeders. Important to keep EC levels of the growing media in the range of 1.0 – 1.2 mS/cm with feeding at 1.5 – 2.0 mS/cm. A pH of 5.6-6.2 is recommended. 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. Use a media with a high percentage of air space for optimum rooting.



Pests and Diseases

Aphid, Whiteflies and Leafminers are major pests. Lantanas can get Fungal Root Rot in overly saturated media, especially under dark and cloudy conditions. Please refer to local regulation to check allowed products.



Light

Lantanas grow best under high light conditions. Supplemental lighting can be used in northern climates under dark and cloudy conditions.



Irrigation

Lantanas have drought tolerance however they will show signs of wilting and have delayed flowering if allowed to run severely dry. They like average moisture conditions without extremes of dryness or wetness.



PGR Applications

Bonzi at 20-30 ppm, Sumagic at 15-20 ppm, B-Nine + Cycocel at 2500 + 1500 ppm. Cool morning is possible for growth regulation. Please refer to local regulation of allowed PGR in your country.






Recommendations

Culture guideline at optimum average daily temperature 19 - 20°C:





Culture week	1	2	3	4	5	6	7	8	9
Handling		✂			S				
PGR			PGR						
Temperature D/N	19 - 21°C								
Light	☀								
Shading	full sun								
Humidity	50-70% →								
Moisture	3 - 2								
pH	5,8 - 6,2								
EC growing medium	1,0 - 1,2 mS/cm			1,25 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	>	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