

Lavandula angustifolia Cutting








Central Europe



Aromatico
Vintro

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Finished Plant *Lavandula angustifolia* C

Varieties 	Type 	Leaf colour 	Pot size 	Plants/m ² finished 
Aromatico	medium	green - silver	13 cm	20 plants/m ²
Aromatico compact		green	10.5 cm	25 plants/m ²
Vintro	medium	silver	13 cm	20 plants/m ²

Remarks

Flowering in May with overwintering

Flowering from June onwards without overwintering

Flowering before May: overwintering in South Europe (e.g. Italy)

Calendar Week	9	11	13	15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	45	47	49	51	
Aromatico Early Blue	P			S			F																
Aromatico Blue		P		S			F																
Aromatico Blue Compact				P			S	F															
Vintro Blue						P		S	F														
								P		S	F												
									P		S	F											
Calendar Week	27	29	31	33	35	37	39	41	43	45	47	49	51	1	3	5	7	9	11	13	15	17	19
Vintro Blue (with overwintering)	P																S					F	F
				P													S					F	F

Inside

Outside

Cultivation Advice

The new Vintro Blue is a special winterhardy breeding and perfect for growing with overwintering which is necessary for flowering in May (Central Europe). Also available Aromatico Silver with silver-white flowers, culture time see Aromatico Blue. YPL from XTN are mowed 1 to 2 times. Don't mow again when growing without overwintering. Growing with overwinterung should be mown 1 - 2 times until Oct.



Pests

Aphids and Whiteflies



Diseases

Botrytis, Pythium, Phytophthora, Fungal Leaf Spots

Be aware of Botrytis, especially in winter. Overwintering outdoor is possible in regions with mild winter, then less problems with botrytis than inside.



Fertilization

Use 2.5 – 3.0 kg/m³ of slow release fertilizer as a base level.

Feeding with extra levels of nitrogen and calcium will speed up the culture.



Irrigation

Don't grow to wet



PGR Applications

Not necessary






Recommendations

Culture guideline for growing without overwintering




Culture week	1	2	3	4	5	6	7	8	9	10	11	12	13
Handling	P				S	S			F	F	F	F	F
Temperature D/N	min 12°C, protect against frost												
Light	not required												
Shading	☀ after hardening off plants can handle full sunlight												
Humidity	< 80 %												
Moisture	3												
pH	5,8 - 6,2												
EC growing medium	1,25 - 1,50 mS/cm												
EC feeding in mS/cm	1,5 - 2 mS/cm												
Fertilizer	N : K 1 : 2												

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/m ²
	2	shading > 450 W/m ²
	3	shading > 750 W/m ²

ST	sticking URC
RD	root development
SC ₀	sowing no Vermiculite cover
SC ₁	sowing plus light Vermiculite cover
SC ₂	sowing plus medium Vermiculite cover
SC ₃	sowing plus thick Vermiculite cover
RE	radicle emergence
Cot	cotyledon
M ₁	mist day and night
M ₂	mist day – dry night
W	end mist
FC	fleece cover
PC	plastic cover

PC	plastic cover
L	lift cover
G	gapping
TP	transplanting
T	yp1 transplanting
C	cover to protect from frost
PGR	PGR treatment (spray)
PD	PGR treatment (drench) or heavy spray
>	pinch
DB	disbud
P	potting
S	spacing
F	flowering
LF	leaf removal and maintenance