

Schizanthus wisetonensis



Central Europe
North Europe



From seed to finished

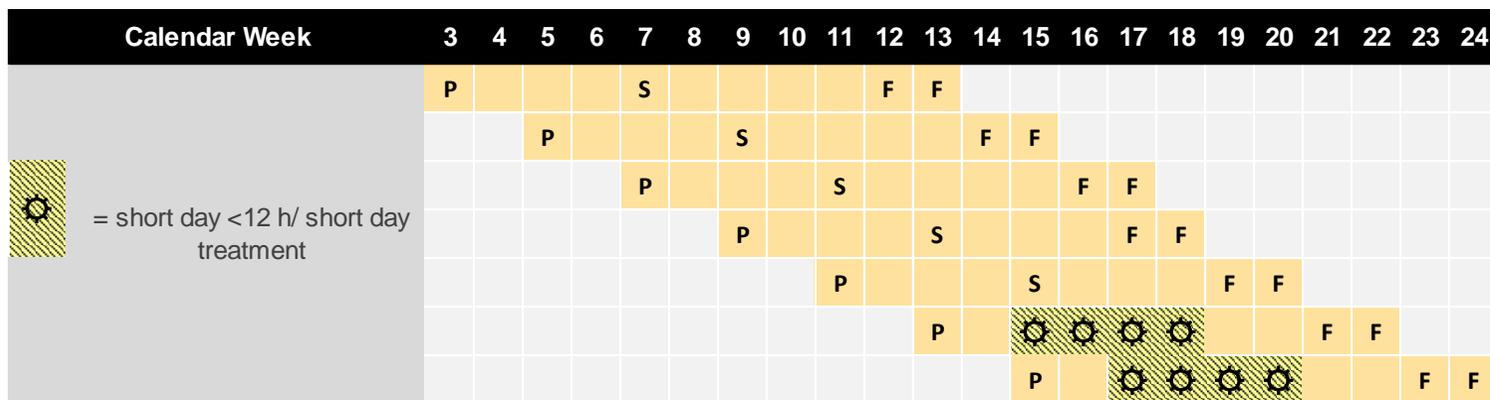
© 2019 Syngenta. All rights reserved. The publication and its content is proprietary to Syngenta. It may not be photocopied or reproduced in any form. Product names marked © or ™, Syngenta Flowers, the SYNGENTA Wordmark and the SYNGENTA Logo are trademarks of a Syngenta Group Company. Syngenta has exercised reasonable care and skill in compiling this publication. All data in this brochure is intended for general guidance only and the user should apply it only for the purposes for which it has been created and in accordance with his own knowledge and experience of local conditions. Syngenta cannot accept any liability in connection with this advice.

Finished Plant Schizanthus

Series 	Type 	Leaf colour 	Pot size 	Plants/pot	Potting week	Flowering weeks
Atlantis	seed	green	11–13 cm	1	3 - 15	March - June

Remarks

N.A



Cultivation Advice

Alternate between moisture levels 2 - 3 to prevent Botrytis but be aware of Giving to less water (yellow leaves or leaf-tip burn). Try to sell when first flowers are opening. Shelf live at retail is limited when plants are flowering too much. Cutting back is always possible to have a second flowering flush.



Fertilization & Substrate

Start with a complete balanced fertilizer schedule. Avoid high Ec levels. A good Ec in the pots gives dark and strong plants with healthy roots. Important to keep EC levels of the growing media in the range of 1,3 – 1,5.



Diseases

Preventive fungicide against soil borne diseases like Phytophthora Botrytis, Pythium, Rhizoctonia, Preferred products depends on the country



Light

After hardening off plants can handle full sunlight



Irrigation

Alternate between moisture levels 2 - 3 to prevent Botrytis but be aware of underwatering



PGR Applications

Daminozide (Alar, B-Nine) - not necessary if growing cold enough



Pests

Preventive insecticide: Against chewing insects (caterpillar) Aphid, spider mites, trips, whitefly.



Tips & Tricks

Requires a rich, moist soil in a wind sheltered spot

Recommendations

Culture guideline subject to temperature

Culture week	1	2	3	4	5	6	7	8	9	10
Handling	P									
Temperature D/N	14–18°C, protect against frost									
Light	additional lighting improves plant quality in poor weather conditions									
Shading	full sun, after hardening off, plants can handle full sunlight									
Humidity	<80%									
Moisture	2-3									
pH	5,8–6,2									
EC growing medium 1: 1.5 volume extraction in water	1,1 - 1,3 mS/cm									
EC feeding in mS/cm	1,3 - 1,5 mS/cm									
Fertilizer	NPK 3-1-3									

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