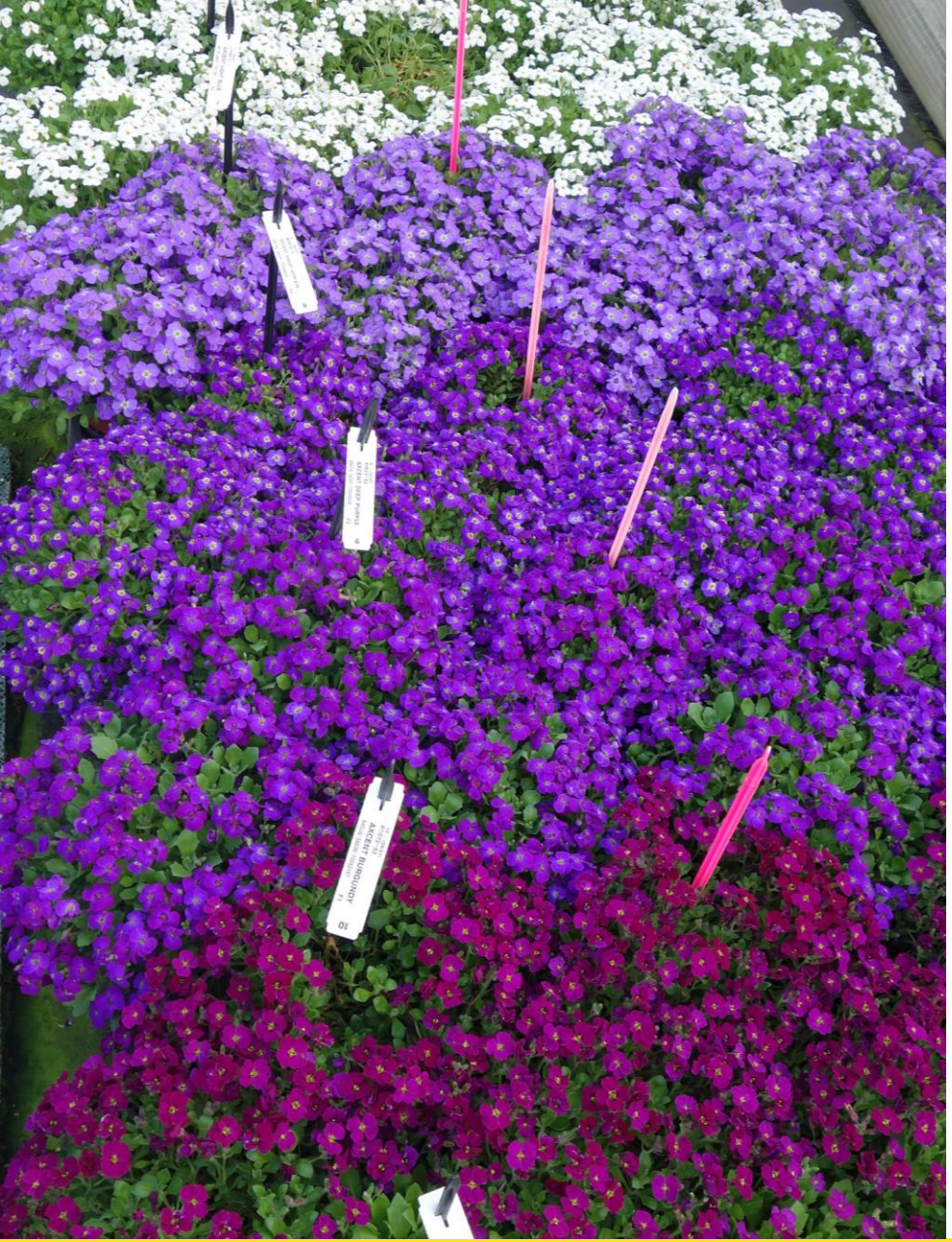


CROP MANUAL

Aubrieta hybrida

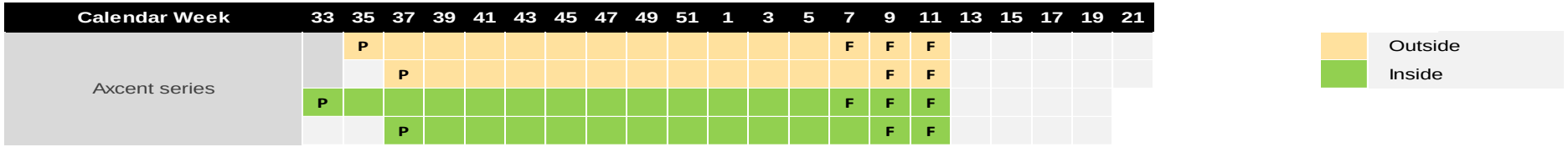
Central Europe

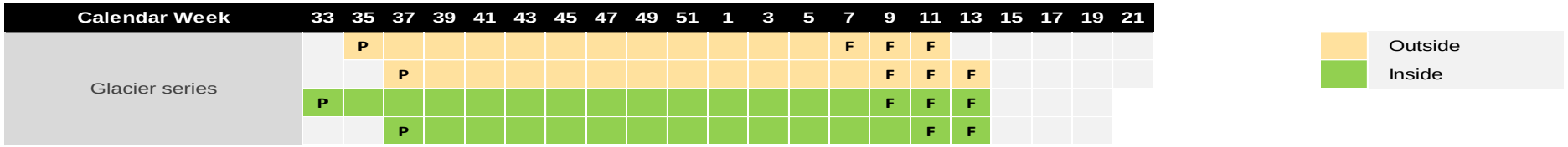
Glacier series
Axcent series

Finished Plant **Aubrieta hybrida**

Series	Type	Leaf colour	Pot size	Plants/pot	Potting week	Flowering weeks
Axcent	cuttings	green	9-12 cm	1	35-45	Febr - March

Series	Type	Leaf colour	Pot size	Plants/pot	Potting week	Flowering weeks
Glacier	cuttings	green	10,5-13 cm	1	35-45	March- April





Glaciers series has more impressive flower size and color range
Fast growing and uniform
And a good winter hardiness

Axcent series blooms one to two weeks earlier and provides an extended shelf life as it blooms for up to eight weeks.

Cultivation Advice

The Glacier and Axcent series can be produce in container sizes 13 cm or smaller with a single plug planted in the center of the pot.
By transplanting, the growing medium of the pot should be even with the top of the plug.
Aubretia performs best when grown in a slightly dry to moist, well-drained medium with a slightly acidic pH: 5.5-6.5.

When irrigation is necessary, water them thoroughly, then allow the soil to dry slightly between irrigations.
They are moderate feeders. Providing high fertility levels will cause them to appear lush and may delay flowering
Nutrients are commonly delivered using water-soluble sources, providing 75-100 mg/L
With the compact growth habit of the Glacier and Axcent series, it is usually not necessary to control plant height.

Place cuttings under a low misting regime for the first seven to 10 days of propagation.
And under a high humidity levels (90 percent relative humidity) with minimal misting.
At seven to 10 days after sticking, it is beneficial to apply water-soluble fertilizers using 75- to 100-mg/L N at the beginning of each irrigation.
The cuttings are usually rooted in less than three weeks with soil temperatures ranging from 18 – 20 C.
Liners take approximately five to seven weeks from sticking to become fully rooted and ready for transplanting.

Pests

Aphids

Diseases

Albugo rust, Botrytis and Pythium

Spacing

Before winter rest pots should not be filled completely. Spacing can be done just before grow starts again end of winter.

Irrigation

Alpine Spring Perennial: don't grow too wet, plants can handle dry phases

PGR Applications

Under some luxury nutrient levels, it may be necessary to control the height with Daminozide (Alar, B-Nine), Chlormequat (Cycocel)

Recommendations

Culture guideline subject to temperature

Culture week	1	3	5	7	9	11	13	15	17	19	21	23	25	27
Handling	P								F	F	F	F	F	F
Temperature D/N	protect against frost													
Light	not required													
Shading	☼ after hardening off plants can handle full sunlight													
Humidity	< 80 %													
Moisture	2 - 3													
pH	5,5 - 6,5													
EC growing medium	1,25 - 1,50 mS/cm													
EC feeding in mS/cm	1.5 - 2.0 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 form 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
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	ypl 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