CROP MANUAL

Arenaria montana Blizzard

Central Europe
North Europe

Blizzard
Blizzard Compact

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# Finished Plant  *Arenaria montana* Blizzard

<table>
<thead>
<tr>
<th>Varieties</th>
<th>Type</th>
<th>Leaf colour</th>
<th>Pot size</th>
<th>Plants/m² finished</th>
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</thead>
<tbody>
<tr>
<td>Blizzard</td>
<td>vigorous</td>
<td>green</td>
<td>15 cm</td>
<td>16 plants/m²</td>
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<tr>
<td>Blizzard Compact</td>
<td>compact</td>
<td>green</td>
<td>13 cm</td>
<td>20 plants/m²</td>
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</tbody>
</table>

**Calendar Week**

| Calendar Week | 33 | 35 | 37 | 39 | 41 | 43 | 45 | 47 | 49 | 51 | 1 | 3 | 5 | 7 | 9 | 11 | 13 | 15 | 17 | 19 | 21 | 23 | 25 |
|---------------|----|----|----|----|----|----|----|----|----|----|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|
| Scheduling    | P  | F  | F  | P  | F  | F  | F  | F  | P  | F  | F  | F  | F  | P  | F  | F  | F  | F  | F  | F  | F  | F  | F  | F  | F  | F  |

Scheduling from X-tray 264 for 13 cm pot without pinch.

<table>
<thead>
<tr>
<th>Inside</th>
<th>Outside</th>
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Cultivation Advice

*Arenaria Blizzard* is a typical *Arenaria* for overwintering with flowering in spring. For an annual growing with flowering in summer choose *Summer White!* Absolutely winterhardy perennial which can be grown inside and outside.

**Fertilization**
Use 2.5 – 3.0 kg/m³ of slow release fertiliser as a base level. Feeding with extra levels of nitrogen and calcium will speed up the culture.

**Spacing**
Spacing on time during the culture period is crucial to avoid stretched and uncontrollable growth, especially in the indoor phase.

**Light**
After hardening off *Arenaria* can handle full sunlight.

**Irrigation**
Don’t grow too wet. *Arenaria* is used to be grown a bit dryer and can handle it.

**Diseases**
*Arenaria* is sensitive for rust, preventive spraying is necessary. If growing too wet *Pyhium/Phytophthora* and *Botrytis* might be an issue.

*Arenaria montana*  *Summer White*
### Recommendations

**Culture guideline for potting week 35 as an example**

<table>
<thead>
<tr>
<th>Culture week</th>
<th>1</th>
<th>3</th>
<th>5</th>
<th>7</th>
<th>9</th>
<th>11</th>
<th>13</th>
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<tr>
<td><strong>Handling</strong></td>
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<td><strong>Temperature D/N</strong></td>
<td>outside production</td>
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<td><strong>Shading</strong></td>
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<td><strong>Moisture</strong></td>
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<td><strong>pH</strong></td>
<td>5,5–6,5</td>
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<td><strong>EC growing medium</strong></td>
<td>1,2 mS/cm</td>
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<tr>
<td><strong>EC feeding in mS/cm</strong></td>
<td>1,5 mS/cm</td>
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<td><strong>Fertilizer</strong></td>
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**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 dark to medium brown.
  - 1 dry: the substrate changed color to very light brown.

- EC zones feeding mS/cm (Sonneveld 1:1.5)
  - 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

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

- 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

- 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 Wm²
  - 2 shading > 450 Wm²
  - 3 shading > 750 Wm²

- ST sticking URC
- RD root development
- SC1 sowing no Vermiculite cover
- SC1 + sowing plus light Vermiculite cover
- SC2 sowing plus medium Vermiculite cover
- SC2 + sowing plus thick Vermiculite cover
- RE radicle emergence
- Cot cotyledon
- M1 mist day and night
- M2 mist day – dry night
- W end mist
- FC fleece cover
- PC plastic cover
- PC plastic cover
- PGR PGR treatment (spray)
- PD PGR treatment (drench) or heavy spray
- P potting
- S spacing
- F flowering
- LF leaf removal and maintenance

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*Arenaria montana Blizzard*