

# Arabis Rose Delight™

## Culture Guide



**Botanical name:** *Arabis blepharophylla*

**Product form:** Seed

**Containers:** Quarts, Gallons

**Habit:** Mounded

**Vernalization:** Required

### Garden Specifications

**Garden Height:** 6–8" (15–20 cm) tall

**Garden Width:** 8–10" (20–25 cm) wide

**Exposure:** Part sun

**USDA zone:** 4–7

**AHS zone:** 7–4

**Product use:** Containers

### Germination

Stages 1 & 2

**Germination time:** 8–10 days

**Media temp:** 68–72 °F (20–22 °C)

**Chamber:** Optional

**Light:** Not required for germination

**Seed cover:** Yes

**Moisture level: 4 - WET:** Soil is dark brown but not shiny, no free water is seen at the surface of the soil, when pressed or squeezed water drips easily, and trays are heavy with a visible bend in the middle.

**Rec. tray size:** 288-cell tray

**Seeds per cell:** 3–4

### Young Plant Production

Stages 3 & 4

#### **Temperature**

**Day:** 64–66 °F (18–19 °C)

**Night:** 60–62 °F (16–17 °C)

**Average daily temperature:** 64 °F (18 °C)

#### **Lighting**

**Day extension lighting:** Beneficial to 14 hours

**Light intensity:** 1,000–1,200 foot candles (200–250 micro mols) for the first two weeks after sticking or until root development occurs. Light levels can be increased up to 3,000 foot candles (600 micro mols) as rooting increases and the cutting matures.

**Day length response:** Facultative long day

**Daily light integral:** 12–14 mols/day

**Media pH:** 5.5–5.9



**Media EC:** SME 0.5 to 0.75 mS/cm

**Fertilizer:** 50–75 ppm N

**Moisture level:** Media should be allowed to dry between irrigations. Alternate between moisture level 2 and 3.

**2 - MEDIUM:** Soil is light brown in color, no water can be extracted from soil, and soil will crumble apart.

**3 - MOIST:** Soil is brown in color, strongly squeezing the soil will extract a few drops of water, and trays are light with no visible bend.

**Pinching:** No

**Plant growth regulators (PGRs):** Not necessary

**Plug grow time:** 7–8 weeks in a 288-cell tray

### Bulking and Vernalization

**Vernalization:** Required

#### **Bulking**

**Bulking Time:** See Scheduling Section

**Temperature:** 68–70 °F (20–21 °C)

**Pinch:** No

**PGR:** Not Necessary

#### **Vernalization**

**Vernalization Time:** 5–8 weeks

**Temperature:** 40–50 °F (4–10 °C)

**Tech tip:** Monitor growth carefully. Try to grow within one inch of the sides of the container.

### Finishing

#### **Temperature**

**Day:** 68–70 °F (20–21 °C)

**Night:** 62–64 °F (17–18 °C)

**Average daily temperature:** 68 °F (20 °C)

**Lighting**

**Day extension lighting:** Beneficial to 14 hours

**Light intensity:** 6,000–8,000 foot candles

**Day length response:** Facultative long day

**Daily light integral:** 16–18 mols/day

**Transplanting:** Transplant directly into the finished container. Place the rooting media slightly above the level of media in the container. Make sure that the root ball is covered and that the plug is situated in the center of the pot.

**Media pH:** 5.8–6.2

**Media EC:** SME EC: 1.5–2.1 mS/cm, PourThru EC: 2.3–3.2 mS/cm

**Fertilizer:** 75–125 ppm N

**Pinching:** No. Pinching is not recommended or needed.

**Plant growth regulators (PGRs):** If needed a B-Nine® WSG spray at 2,500 ppm can be used.

**Tech tip:** Best used in small containers (4-inch to quarts) using 1 plug per pot.



Try Chrysal Alesco®, a postharvest foliar spray, to protect ethylene sensitive crops during shipping and retail

**Moisture level:** Media should be allowed to dry between irrigations. Alternate between moisture level 2 and 3.

**2 - MEDIUM:** Soil is light brown in color, no water can be extracted from soil, and soil will crumble apart.

**3 - MOIST:** Soil is brown in color, strongly squeezing the soil will extract a few drops of water, and trays are light with no visible bend.

**Common pests:** Aphids

**Common diseases:** Botrytis, Pythium, Rhizoctonia

Scheduling

Size	Crop Time			Plants Per Pot
	Bulk	Vern.	Finish	
1.0 pint (4 inch)	5–6 weeks	5–8 weeks	7–8 weeks	1 ppp
1.0 quart (4.5 to 5 inch)	5–6 weeks	5–8 weeks	7–8 weeks	1–2 ppp

Estimated finish crop time is from transplant of a 288-cell tray and finished at an average daily temperature (ADT) of 64 °F (18 °C).

Example crop schedule for a 1.0 quart

Weeks From Transplant	Description
1 week	Transplant one plug in the center of a quart container
6 weeks	Finish the bulking period once the plant are 1/2 to 1/3 of the size of the final container. Then begin the vernalization process
13 weeks	Finish the vernalization and start to increase the temperatures to force flowering
19 weeks	Finish



All photos are either the property of Syngenta or are used with permission.

© 2020 Syngenta. **Important: Always read and follow label instructions. Some products may not be registered for sale or use in all states or counties and/or may have state-specific use requirements. Please check with your local extension service to ensure registration and proper use. Some or all of the varieties may be protected under one or more of the following: Plant Variety Protection, United States Plant Patents and/or Utility Patents and may not be propagated or reproduced without authorization.** Trademarks are the property of their respective owners.