

Silene hybrida F1 Rosalyn rose

Life cycle	Perennial
Family / Origin	Caryophyllales / North America
Popular uses	Mixed containers, flowering pots, perennial beds and hanging baskets
Mature plant height	35-40 cm (14-16")
Mature plant width	40-50 cm (16-20")
Pot size	10-15 cm (4-6") pots
Plants per pot	1 plant per pot 3 plants per 15 cm (6") pot or larger 3-5 plants for hanging baskets
Sun exposure	Full sun
Water requirements	Reduced, avoid wet conditions
Flowering time	Late spring, summer
Media	A well-drained, porous media is best to prevent over watering pH 5.5-6.2 EC 0.5-1.4 (75-210 ppm N)
Growing temperature	Start at 18-20°C (64-68°F) After rooting, reduce temperature to 15-18°C (59- 64°F) Avoid wet conditions at night
Light	N/A
Fertilizer needs	Balanced N:P:K fertilizer as needed recommended, use calcium based fertilizers EC1.4-2.5 (210-375 ppm N)
Crop time	17-21 weeks (first-year flowering) Overwinter flowering will give late spring/early summer sales
Hardiness zone	Z 5-9



Description

A first year flowering perennial that produces small bright-rose lacy flowers on globular shaped plants

Growth regulators

Responds to Daminozide (Dazide/B-Nine) and Paclobutrazol (Bonzi)

Common diseases

Wet foliage should be avoided to prevent Botrytis, Leafspots and Fusarium

Common pests

Spider Mites, Aphids and Thrips

Crop type

Overwintering and first-year flowering (no vernalisation required)

Plug Production

Seed forms	Raw
Seed count	3.000-3.500 seeds/gram (85.000-99.000 seeds/oz); varies by lot!
Recommended plug size	250
Seeds cell	3-4
Vermiculite cover	Normal
Stage 1 Germination	10-12 days for germination Media pH: 5.5 to 6.3 Media moisture: keep medium saturated Growing medium temperature: 20-22°C (68-72°F) Fertilization: EC 0.5-1.0 (75-150 ppm N)
Stage 2 Stem and cotyledon	Reduce moisture levels to achieve optimal root penetration and to avoid fungal diseases Avoid wet foliage after nightfall Temperature: 18-20°C (64-68°F) Fertilizer levels: EC 0.7-1.2 (105-180 ppm N)
Stage 3 Growth and development	Reduce moisture levels and allow medium to dry between watering, but do not allow plants to wilt Temperature: 18-20°C (64-68°F) Fertilization: EC 1.2-1.5 (180-225 ppm N)
Stage 4 Ready for transplanting	Reduce moisture levels and allow medium to dry slightly between watering, but do not allow plants to wilt Temperature: 13-15°C (55-59°F) Fertilizers: see stage 3
Plug crop time	5-6 weeks
Approximate finish time	First year flowering: 12-15 weeks Overwinter flowering will give late spring/early summer sales
Special tips	Do not allow the plants to dry out, as this can cause premature flowering, but a media that is too wet will keep the plant vegetative. The production period depends on the light intensity (of the year) and the cultivation measures