

Silene laciniata Desert Glow orange

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	25-30 cm (10-12")
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 EC 1.4-2.5 (210-375 ppm N)
Crop time	17-21 weeks (first-year flowering) Overwinter flowering will give late spring/early summer sales
Hardiness zone	Z 6-9



Description

A more upright growing plant habit with many small bright orange-scarlet flowers with lacy flower petals that are attractive to pollinators. Performs very well in drier areas

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

Pinching

No need, although frequent cutting will enhance regrowth

Crop type

Overwintering and first-year flowering (no vernalisation required)

Plug Production

Seed forms	Raw
Seed count	1.500-1.700 seeds/gram (42.500-48.000 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 obtain optimum root penetration and to prevent fungal diseases Avoid wet foliage after nightfall Temperature: 18-20°C (64-68°F) Fertilizer levels: EC 0.5-1.0 (75-150 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