

## GrowerFacts

# Helichrysum Silver Mist

(Helichrysum microphyllum)

### Germination

- Easy-to-grow, economical seed variety offers better branching without pinching than vegetative types.

- The full, mounded and spreading plants have eye-catching silver foliage and stems.

- Each round to oval, finely textured leaf is about 0.25 in. (0.6 cm) long.

- Plants grow to about 6 to 8 in. (15 to 20 cm) tall in the garden, and spread 18 to 24 in. (45 to 60 cm).

- Supplied with 90%+ Yield Potential.

- Available as easy-to-sow, multi-seed pellets (3 seeds per pellet).

Approximate seed count: 645,000 S./oz. 22,750 S./g

### Media

Use a well-drained, disease-free, soilless medium with a pH of 5.5 to 6.3 and a medium initial nutrient charge (EC 0.75 mmhos/cm with a 1:2 extraction).

### Sowing

Silver Mist is offered as a multi-seed pellet (3 seeds per pellet). Do not cover the pellet at sowing.

Germination takes 6 to 8 days.

### Temperature

**Germination (6 to 8 days):** 72 to 76°F (22 to 24°C)

**Cotyledon stage:** 65 to 72°F (18 to 22°C)

**True leaves:** 65 to 70°F (18 to 21°C)

**Hold plugs:** 62 to 65°F (16 to 18°C)

### Plug Production

#### Media

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#### Light

**Stage one:** Not required.

**After germination:** 1,000 to 2,500 f.c. (10,000 to 30,000 Lux).

**Seedling maturity:** Up to 5,000 f.c. (54,000 Lux) if temperature can be controlled.

#### Humidity

Maintain 95% relative humidity until cotyledons emerge.

#### Soil Moisture

Keep soil moisture high until radicle emergence, then reduce moisture levels after the radicle penetrates the

medium. Do not allow the seedlings to wilt.

#### Fertilizer

At radicle emergence, apply 50 to 75 ppm N from 15-0-15. As cotyledons expand, increase to 100 to 150 ppm N.

#### Growth Regulators

Not needed.

### Growing On to Finish

#### Media

Use a well-drained, disease-free, soilless medium with a pH of 5.5 to 6.5 and a medium initial nutrient charge.

#### Temperature

**Nights:** 62 to 65°F (16 to 18°C)

**Days:** 65 to 75°F (18 to 24°C)

#### Light

Keep light levels from moderate to high. Higher light levels result in more silver foliage. Under low light, such as early Spring in the greenhouse, foliage appears more green.

#### Irrigation

Allow plants to dry slightly between waterings. Avoid watering plants late in the day as constant wet foliage may make the plants susceptible to Botrytis.

#### Fertilizer

Feed weekly with 200 ppm N in a complete fertilizer. If the plants are underfed, the leaves will become smaller and lower leaves will turn yellow.

#### Growth Regulators

A tank mix of B-Nine at 2,500 ppm and Bonzi at 30 ppm three weeks after transplant can be used to keep the plants more compact and prevent plants from tangling. This application also makes the foliage more silver.

#### Pinching

Unlike similar vegetative types, pinching is not needed.

#### Crop Scheduling

**Sow to transplant (288-cell plug tray):** 7 to 8 weeks

**Transplant to saleable 4-in. (10-cm) pot:** 7 to 8 weeks

**Container Size:** 4 to 4.5-in. (10 to 11-cm) pot

**Plants Per Pot/Basket:** 1

**Weeks From Transplant:** 7 to 8

**Container Size:** Gallon container (8-in./20-cm standard pot)

**Plants Per Pot/Basket:** 3

**Weeks From Transplant:** 8 to 9

If producing liners (72-tray), allow 9 to 10 weeks and reduce post-transplant crop times by 1 to 2 weeks.

#### Common Problems

**Insects:** No serious problems.

**Diseases:** Botrytis can be a problem if the plants are kept too wet.

#### Green Thumb Tips

Silver Mist is best used in mixed containers in full sun. Plants prefer drier conditions with good air circulation, so planting in the garden is not recommended in rainy or humid areas.

Ref. : 6 May 2013

<http://www.panamseed.com/advancedsearch.aspx?srch>

