Whiteout Iberis

*I. sempervirens*
Approximate seed count (raw): 9,500 to 12,600
S./oz. (340 to 450 S./g)

**Key flowering facts:**
- Perennial with USDA Hardiness Zone: 3 to 9
- Photoperiod response: day-neutral plant
- Vernalization: Required; with a minimum of 8 to 10 weeks at 41°F (5°C)

**Plug Production**
**Media**
Use a well-drained, disease-free, soilless media with a pH of 5.5 to 6.2.

**Sowing**
Sow 3 to 4 seeds per cell in 288 plug trays. Cover the seeds lightly with vermiculite.

**Stage 1** – Germination takes 4 to 7 days
**Soil temperature:** 65 to 68°F (18 to 20°C)
**Light:** Light is optional.
**Moisture:** Keep soil wet (level 4) during Stage 1.
**Humidity:** Maintain 95 to 97%+ relative humidity (RH) until radicles emerge.

**Stage 2**
**Soil temperature:** 60 to 65°F (16 to 18°C)
**Light:** Can be up to 2,500 f.c. (26,900 Lux).
**Moisture:** Reduce soil moisture slightly (level 3 to 4) to allow the roots to penetrate into the media.
**Fertilizer:** Apply fertilizer at rate 1 (less than 100 ppm N; less than 0.7 mmhos/cm EC) from nitrate-form fertilizers with low phosphorous.

**Stage 3**
**Soil temperature:** 60 to 65°F (16 to 18°C)
**Light:** Can be up to 2,500 f.c. (26,900 Lux).
**Moisture:** Remain soil moisture at level 3 to 4.
**Fertilizer:** Increase fertilizer to rate 2 (100 to 175 ppm N; 0.7 to 1.2 mmhos/cm EC).
**Growth Regulators:** Not needed

**Stage 4**
**Soil temperature:** 60 to 65°F (16 to 18°C)
**Light:** Can be up to 5,000 f.c. (54,000 Lux).
**Moisture:** Same as Stage 3.
**Fertilizer:** Same as Stage 3.

**Growing On to Finish**
**Container Size**
- 4-in. (10-cm) / square/quart pots: 1 plug per pot
- Gallon (7 in./18 cm): 1 to 2 plugs per pot

**Media**
Use a well-drained, disease-free, soilless media with a pH of 5.5 to 6.2 and an EC of 1.2 to 1.4 mmhos/cm.

**Vernalization**: Required; minimum 8 to 10 weeks between 35 and 41°F (2 and 5°C). Plants should be bulked for about 8 to 10 weeks before being receptive to cold treatment.

**Temperature (optimum)**
- **Nights:** 41 to 50°F (5 to 10°C)
- **Days:** 60 to 72°F (16 to 22°C)

**Light**
As high as possible while maintaining moderate temperature.

**Photoperiod**
Whiteout is a day-neutral plant.

**Irrigation**
Keep media moisture medium wet (level 4; substrate color is dark brown) for the first 4 to 6 weeks after potting in bulking stage; hereafter reduce the moisture level to level 2 to 3 (medium dry to medium moist).

**Fertilizer**
Whiteout generally needs average fertilization. Apply fertilizer at rate 3 (175 to 210 ppm N; 1.2 to 1.4 mmhos/cm).

**Growth Regulators**
Generally not needed.

**Pinching**
Not needed due to strong branching habit.
Crop Scheduling
Sow to transplant (288 cell plug): 7 to 8 weeks
Transplant to flower: 26 to 36 weeks
Total crop time: 33 to 44 weeks
Normal production:
Sowing May to mid-August will give natural flowering from March to May the following year.

Common Problems
Insect: Mites, Slugs
Disease: Botrytis, Downy Mildew
Note: Downy Mildew will cause leaf dropping.

Garden and Landscape Information
- USDA Hardiness Zones: 3 to 9
- Whiteout is deer and rabbit resistant
- Whiteout is drought tolerant once established
- Garden location: Full Sun
- Finished height: 6 to 8 in./15 to 20 cm
- Finished spread: 8 to 12 in./20 to 30 cm
- Garden spacing: 14 in./35 cm

Note: Growers should use the information presented here as a starting point. Crop times will vary depending on the climate, location, time of year, and greenhouse environmental conditions. Chemical and PGR recommendations are only guidelines. It is the responsibility of the applicator to read and follow all the current label directions for the specific chemical being used in accordance with all regulations.