

FastraX **FastraX**



1. [Home](#)

Lewisia cotyledon

## Elise

- FastraX perennial: First year flowering without vernalization
- Fleuroselect Gold Medal winners in the series
- Long flowering season
- Heat and drought tolerant
- Lighting up beds, containers and rock gardens

**Technical Guide:** [Click here](#)

All information in our technical guide is based on our own trials and would therefore be as guideline only. Detailed cultivation aspects vary depending on climate, location, time of year and environmental conditions. Benary expressly disclaims any responsibility for the content of such data/information and makes no representation or warranty for the cultivation of any products listed. It is recommended that growers conduct a trial of products under their own conditions.

[Bookmark](#)

[Recommend](#)

[Print](#)

### **Crop Time**

Spring: 18 - 22 weeks

### **Height ?**

5 ? / 13 cm

### **Width ?**

7 ? / 18 cm

### **Exposure**

Sun - Partial shade

### **Seed Form**

ApeX

### **Heat Zone**

undetermined

### **Hardiness Zone**

3a-8b

### **Best Uses**

Bedding, Rockery

## **Culture guide**

### **Usage**

Potting: 4-5.5"

### **Sow time**

18-22 weeks from sowing to flower

### **Sowing method**

2-3 seeds per plug

### **Germination**

Yields best germination results if exposed to a period of cool temperatures before temperatures are raised to 59 °F (15 °C). Germinates in 3-6 weeks. Cover seed lightly with a layer of medium vermiculite.

### **Growing on**

Temperature: 62-68 °F (17-20 °C) In wks 10-18 raise temps to 68-72 °F (20-22 °C) Keep slightly moist, avoid excessive watering.

### **Media**

Use a well-drained, growing perennial substrate with 0-15 % clay, 0-20 % parts (e.g. bark, sand, perlite), 1-1,5 kg/m<sup>3</sup> complete balanced fertilizer, 0-2 kg/m<sup>3</sup> slow release fertilizer (3-9 months), iron-chelate, micronutrients, pH: 5.0-6.0.

### **Temperature**

Grow at 12-18 °C or outdoors. In winter indoors frost free at 3-5 °C or outdoors. Outdoor fleece cover needed. In spring the plants start to grow for 4-8 weeks at 15-18 °C. Cold temperatures at 7-14 °C will increase the cultivation time. A chilling period (vernalization) is required for flower

initiation

## **Fertilization**

Low-moderate fertilization levels are required. Fertilize the crop weekly with 100-150 ppm nitrogen (at 2 kg/m<sup>3</sup> slow release fertilizer in substrate), using a complete balanced fertilizer. Avoid high ammonium and high nitrogen levels. Don't fertilize after mid September. In spring fertilize 100-150 ppm nitrogen of a complete balanced fertilizer. Prevent magnesium deficiency by applying magnesium sulphate (0,05 %) 1-2 times and in case of iron deficiency (above pH 6.0) apply iron-chelate for 1-2 times.

---

Stage I Starts with the radicle breaking through the testa. The roots are touching the medium. Ends with fully developed cotyledons.

Stage II Starts from fully developed cotyledons. Ends with the fully developed true leaf or true leaf pair.

Stage III Starts from the fully developed true leaf or true leaf pair and ends with 80% of the young plants being marketable.

Stage IV All young plants are ready for sale and in the process of being hardened off. This stage lasts about 7 days.

The cultural recommendations are based on results from trials conducted under Central European conditions. Different conditions in other parts of the world may lead to deviations in results achieved.

[Download](#)