

# Live Wire Isolepis

*I. cernua*

Approximate Seed Count (multi-seed pellet):  
13,514/oz. (473/g)

## Plug Production

### Media

Use a well-drained, disease-free, soilless medium with a pH of 5.5 to 6.1 and a medium initial nutrient charge (EC less than 0.75 mmhos/cm with a 1:2 extraction).

### Sowing

Each multi-seed pellet will generally yield 3 to 4 plants. Plug tray sizes from 406 to 288 cells are recommended. If desired, 128 cells are also suitable.

**Live Wire** Isolepis can be sown without cover.

**Stage 1--** Germination takes 6 days.

**Soil temperature:** 64 to 68°F (18 to 20°C). **Live Wire** Isolepis germinates most uniformly around 65°F (18°C).

**Light:** Required for germination and early seedling growth.

**Moisture:** Keep soil wet (level 4) during Stage 1.

**Humidity:** Maintain 100% relative humidity (RH) until radicles emerge.

### Stage 2

**Soil temperature:** 64 to 70°F (18 to 21°C)

**Light:** Up to 2,500 f.c. (26,900 Lux)

**Moisture:** Reduce soil moisture slightly (level 3) to allow root to penetrate into the media.

**Fertilizer:** Apply fertilizer at rate 1 (less than 100 ppm N/0.7 mS/cm EC) from nitrate form fertilizers with low phosphorous.

### Stage 3

**Soil temperature:** 64 to 68°F (18 to 20°C)

**Light:** Up to 2,500 f.c. (26,900 Lux)

**Moisture:** Allow media further dry to the surface become light brown (level 2) before watering. Do not allow the seedlings to wilt.

**Fertilizer:** Increase fertilizer to rate 2 (100 to 175 ppm N / 0.7-1.2 mS/cm EC).

**Growth Regulators:** Not needed.

### Stage 4

**Soil temperature:** 64 to 66°F (18 to 19°C)

**Light:** Up to 5,000 f.c. (53,800 Lux) if temperature can be controlled.

**Moisture:** Same as Stage 3.

**Fertilizer:** Same as Stage 3.

NOTE: **Live Wire** Isolepis plugs can be held for about 2 weeks without affecting the subsequent growth after transplanting provided they are adequately watered.

## Growing On to Finish

### Media

Use a well-drained, disease-free, soilless medium with a pH of 5.5 to 6.2 and a medium initial nutrient charge.

### Temperature

**Nights:** 64 to 66°F (18 to 19°C)

**Days:** 66 to 74°F (19 to 23°C)

### Light

3,000 to 5,000 f.c. (30,000 to 54,000 Lux). **Live Wire** Isolepis can tolerate light shade.

### Irrigation

**Live Wire** Isolepis likes moist to wet medium. The plants can even grow in standing water. Do not allow plants to dry out, as this will cause the foliage to become yellow.

### Fertilizer

Fertilizer application of 175 to 225 ppm N (EC 1.2 to 1.5 mS/cm) once a week is adequate, but the plants can tolerate higher rates or more frequent fertilization. The heavier fertilization is, the faster the plants will grow.

### Growth Regulators

Growth regulators are not needed. **Live Wire** Isolepis is naturally compact.

### Photoperiod

**Live Wire** is a long-day plant. It will flower when the daylength is longer than 12 hours.

### Pinching

Pinching is not needed.

## Crop Scheduling

**Sow to transplant (400 to 288-cell plug tray):** 4 to 5 weeks. Add one more week for a 128-cell plug tray.

### Transplant to saleable size:

Container Size	Plants per Pot/ Basket	Weeks from Transplant	Total Weeks
306 premium pack	1	5-6	9-11
2.5-in. (6-cm) pot	1	4-5	8-10
4 to 4.5-in. (10 to 11-cm) pot	1	6-7	10-12
6 to 6.5-in. (15 to 16-cm) pot	3	6-7	10-12
Gallon	3	6-7	10-12

## Common Problems

No major insect or disease issues.

# PanAmerican Seed™

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