

NEW Emerald Falls Dichondra

- **Emerald Falls** (*D. repens*) variety has a slightly different, more rounded leaf shape than the **Silver Falls** (*D. argenta*) variety.
- Creates a denser and tighter plant than **Silver Falls** dichondra, without pinching or PGRs.
- Heat-tolerant plants branch heavily early to completely cover the pot before runners tangle.
- Excellent choice for mixed containers and hanging baskets; **Emerald Falls** plants grow fuller (wider) than **Silver Falls** dichondra but not as long – about 3 ft. (90 cm) long.
- 85% germination standard.

D. repens

Approximate seed count: 6,070 S./oz. (214 S./g)

Plug Production

Media

Use a well-drained, disease-free, soilless medium with a pH of 5.5 to 6.2 and a medium initial nutrient charge (EC 0.75 mmhos/cm with a 1:2 extraction).

Temperature

Germination: 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)

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. Cover seed with vermiculite.

Soil Moisture

Keep soil moisture high until radicle emergence, then reduce moisture levels after the radicle penetrates the medium. Plug development is faster with drier plug culture. 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

Growth regulators are not required.

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: 62 to 65°F (16° to 18°C)

Days: 65 to 75°F (18° to 24°C)

Light

Keep light as high as possible while maintaining recommended temperatures.

Irrigation

Grows best in warm and dry conditions. Maintain medium on the dry side, but avoid severe wilting. Avoid excessive watering during cool and cloudy weather.

Fertilizer

Feed weekly with 300 ppm N in complete fertilizer. Light feeder, but foliage can get salt burn if fertilized too much.

Growth Regulators

Growth regulators are not required.

Pinching

Pinching is not needed.

Crop Scheduling

Sow to transplant (288-cell plug tray): 6 to 7 weeks

Transplant to saleable 4-in. (10-cm) pot: 8 to 9 weeks

Container Size	Plants Per Pot/Basket	Weeks From Transplant
4-4.5-in. (10-11-cm) pot	1	7 to 8
6-in. (15-cm) or gallon pot	3	7 to 8
12-in. (30-cm) hanging basket	3	8 to 9
	4	8 to 9
	5	7 to 8

Common Problems

Insects: No serious problems.

Diseases: No serious problems.

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