

Heuchera Melting Fire

(*Heuchera x hybrida*)

Perennials Culture (revised 10/23/18)

Plug crop time: 8 to 10 weeks

Transplant to finish: 12 to 16 weeks

- Uniform, excellent-quality plant is cost-effective and easy to grow as a plug.
- Strong garden performer has good weather tolerance.
- Large plants have strong curled leaves in intense purple-red.
- True tissue culture alternative.

Foliage height: 8 in./20 cm

Flower height: 18 in./46 cm

General Information

Exposure	Bloom Season	Height	Spread	Spacing
Shade, Partial Sun	Early Spring, Spring	8-18 in. (20-46 cm)	12-14 in. (30-36 cm)	16-20 in. (41-51 cm)

Germination

Seed Form	Recommended Plug Size	Seeds/Cell	Plug Crop Weeks	Days to Germinate	Initial Media pH/EC	Cover Seed
PEL	288 128*	4-5 6-8	9-11 10-11	9-11	5.8-6.2 pH 0.75 mmhos/cm	No

* Recommend plug size for forcing.

Plug Production

	Stage 1	Stage 2	Stage 3	Stage 4
Moisture	Level 4	Level 4-3	Level 4-3	Level 3-2
Temperature	70-72°F (21-22°C)	65-68°F (18-20°C)	65-68°F (18-20°C)	65-68°F (18-20°C)
Light	Light	4-5 mol·m ⁻² ·d ⁻¹	4-8 mol·m ⁻² ·d ⁻¹	6-10 mol·m ⁻² ·d ⁻¹
Fertilizer	Less than 100 ppm N - Less than 0.7 EC		100 to 175 ppm N - 0.7 to 1.2 EC	100 to 175 ppm N - 0.7 to 1.2 EC

Vernalization

No - vernalization not needed when sold for foliage

Propagation Key Tips

Keep medium moisture level 4 and RH 80% on stage 1; not too wet!! Upon removal from germination chamber, place in propagation house with bottom heat (70°F/21°C soil temperature). Use very light mist to maintain humidity but allowing media to dry to 3.5. (trays would need mist watered as necessary when they dried to a 3). Trays would stay in propagation under mist up to 3 weeks.

Spray damp-off fungicide. This variety is slower to germinate, in 2 to 3 flushes.

Regarding Multi-Sow: note that single sow is possible in 510 trays, for example, with transplant into 128 trays. Grading is needed before transplant. Melting Fire is an alternative for Tissue Culture varieties (i.e., Crimson Curles) and is an economical approach already being applied commercially.

For forcing info: See Perennials Forcing Guide.

Growing on to Finish

Growing on Temperature	Target Media pH/EC	Fertilizer	Daylength
(day) 60-68°F (16-20°C) (night) 58-60°F (14-16°C)	5.8-6.2 pH 1.2-1.4 mmhos/cm	175 to 225 ppm N - 1.2 to 1.5 EC	Day Neutral

Crop Scheduling

Crop Type	Container Size	Plugs/Pot	Crop Time	Season	PGR
Forcing	4"/4.5"/Quart	1 (ppp)	11-12 (weeks)	Late Spring, ADT 68°F (20°C)	-
Forcing	4"/4.5"/Quart	1 (ppp)	11-12 (weeks)	Autumn, ADT 68°F (20°C)	-
Overwinter	5"/6"/1 Gallon	1 (ppp)	28-36 (weeks)	Spring	-
Overwinter	5"/6"/1 Gallon	1-3 (ppp)	30-36 (weeks)	Spring	-
Forcing	5"/6"/1 Gallon	1-3 (ppp)	13-14 (weeks)	Late Spring, ADT 68°F (20°C)	-
Forcing	5"/6"/1 Gallon	1-3 (ppp)	12-13 (weeks)	Autumn, ADT 68°F (20°C)	-

Fertilizer Notation

Apply fertilizer at rate 1 to 2 (75 to 100 ppm Nitrate-based fertilizer/0.7 to 0.9 mmhos/cm EC) or 150 ppm as needed. Maintain media pH 5.8 to 6.2 and EC 1.2 to 1.4 mmhos/cm.

Common Problems

Insect: Leaf Nematodes Disease: Powdery Mildew, Botrytis, Leafspot, Rust, Root Rot

Finishing Key Tips

Do not plant plugs too deep. Keep plug surface at the same level as the media surface. Avoid wet and overly dry. Needs well-drained medium.

NOTE: Growers should use the information presented here as guidelines only. PanAmerican Seed recommends that growers conduct a trial of products under their own conditions. Crop times will vary depending on the climate, location, time of year, and greenhouse environmental conditions. It is the responsibility of the grower to confirm the treatment is available in their region as well as read and follow all the current label directions relating to the products. Nothing herein shall be deemed a warranty or guaranty by PanAmerican Seed of any products listed herein. PanAmerican Seed's terms and conditions of sale shall apply to all products listed herein.

Variety Pictures



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