

## Pepper (Ornamental) Midnight Fire

(*Capsicum annuum*)

Annuals Culture (revised 02/24/20)

**Plug crop time:** 4 to 5 weeks

**Transplant to finish:** 7 to 13 weeks for Autumn finish

- Distinctive dark black foliage is accented by purple fruit which mature to bright red – this eye-catching combination is sure to result in fast sell-through.
- Well-branched plants are perfect for stunning Autumn combination planters and large container programs at retail.
- Best in 6 and 8-in./15 and 20-cm pots, gallons and Mum Pals programs.

### General Information

Exposure	Bloom Season	Height	Spread	Spacing
Sun	Summer, Autumn	9-12 in. (23-30 cm)	14-16 in. (36-41 cm)	12-14 in. (30-36 cm)

### Germination

Seed Form	Recommended Plug Size	Seeds/Cell	Plug Crop Weeks	Days from 50% to maximum germination	Initial Media pH/EC (1:2)	Cover Seed
RAW	288	1	4-5	5-7	5.8-6.2 pH 0.75 mmhos/cm	Light cover

### Plug Production

	Stage 1	Stage 2	Stage 3	Stage 4
<b>Moisture</b>	Level 4	Level 3-4	Level 2-4	Level 2-4
<b>Temperature</b>	72-76°F (22-24°C)	68-73°F (20-23°C)	68-70°F (20-21°C)	68-70°F (20-21°C)
<b>Light</b>	Optional	1,000-2,500 f.c. (10,800-26,900 Lux)	1,000-2,500 f.c. (10,800-26,900 Lux)	2,500-5,000 f.c. (26,900-53,800 Lux)
<b>Fertiliser</b>		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)
<b>PGR</b>			uniconazole/2.5 ppm/Spray	

### Fertiliser Notation

In Stage 1, keep ammonia levels lower than 10 ppm.

### Propagation Key Tips

Performs best under high light and warm temperatures. If necessary, uniconazole (Sumagic) at rate of 2.5 ppm can be applied at 2 weeks after sowing for height control. Repeat 2 weeks later if needed.

### Growing on to Finish

Growing on Temperature	Target Media pH/EC (1:2)	Fertiliser	Daylength
<b>(day)</b> 68-80°F (20-27°C) <b>(night)</b> 65-70°F (18-21°C)	5.5-6.2 pH 1.2-1.5 mmhos/cm	175 to 225 ppm N (1.2 to 1.5 EC)	-

## Crop Scheduling

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Container Size	Plugs/Pot	Crop Time	Season	PGR
4"/4.5"/Quart/10 cm	1 (ppp)	7-13 (weeks)	Summer	-
5"/6"/1 Gallon/15 cm	1-3 (ppp)	7-13 (weeks)	Summer	-
4"/4.5"/Quart/10 cm	1 (ppp)	7-13 (weeks)	Autumn	-
5"/6"/1 Gallon/15 cm	1-3 (ppp)	7-13 (weeks)	Autumn	-

### Fertiliser Notation

Use a predominantly nitrate-based fertilizer with low phosphorus and high potassium.

### Finishing Key Tips

Performs best under high light and warm temperatures. Add 4 to 5 weeks for Spring production crop times.

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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