

## Pepper Mad Hatter F<sub>1</sub>

(*Capsicum baccatum*)

Vegetables Culture (revised 11/01/23)

- Flat-disc peppers are crunchy and crisp, with a delicate floral scent and rich flavour that intensifies/sweetens as it matures.
- In hot, dry climates, a small number of fruit will have a touch of heat close to the seed cavity, but fruit wings are always sweet.
- Best in-ground with support.
- *All-America Selections National Winner.*

### General Information

| Exposure | Bloom Season | Height                   | Spread                   | Spacing                 |
|----------|--------------|--------------------------|--------------------------|-------------------------|
| Sun      | Summer       | 36-48 in.<br>(91-122 cm) | 36-48 in.<br>(91-122 cm) | 24-36 in.<br>(61-91 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          | 5-6             | 5-7                                  | 5.8-6.2 pH<br>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> | 70-78°F<br>(21-26°C)                      | 68-72°F<br>(20-22°C)                      | 65-70°F<br>(18-21°C)                    | 62-67°F<br>(17-19°C)                    |
| <b>Light</b>       | Optional                                  | 1,000-2,500 f.c.<br>(10,800-26,900 Lux)   | 1,000-2,500 f.c.<br>(10,800-26,900 Lux) | 2,500-5,000 f.c.<br>(26,900-53,800 Lux) |
| <b>Fertiliser</b>  | Less than 100 ppm N<br>(Less than 0.7 EC) | Less than 100 ppm N<br>(Less than 0.7 EC) | 100 to 175 ppm N<br>(0.7 to 1.2 EC)     | 100 to 175 ppm N<br>(0.7 to 1.2 EC)     |

### Fertiliser Notation

Peppers are very sensitive to high salts, particularly high ammonium, during germination. Keep ammonium levels to less than 10 ppm.

### Propagation Key Tips

Height can be controlled by withholding fertiliser, avoiding overwatering, growing under high light conditions and using DIF when possible. If necessary, uniconazole (Sumagic) at the rate of 2.5 to 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 |
|--|----------------------------|-------------------------------------|-----------|
| (day) 68-80°F (20-27°C)<br>(night) 65-70°F (18-21°C) | 5.5-6.2 pH<br>1.0 mmhos/cm | 100 to 175 ppm N<br>(0.7 to 1.2 EC) | -         |

### Days to Green Fruit

65-70

### Days to Ripe Fruit

85-90

## Crop Scheduling

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| Container Size       | Plugs/Pot | Crop Time   | Season | PGR |
|----------------------|-----------|-------------|--------|-----|
| Cell Pack            | 1 (ppp)   | 4-6 (weeks) | Spring | -   |
| 4"/4.5"/Quart/10 cm  | 1 (ppp)   | 4-6 (weeks) | Spring | -   |
| 5"/6"/1 Gallon/15 cm | 1 (ppp)   | 5-7 (weeks) | Spring | -   |

### Finishing Key Tips

Large habit. Performs best when grown in-ground and with support.

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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