

## ColorGrass<sup>®</sup> Juncus Starhead

(*Juncus ensifolius*)

Annuals Culture (revised 01/10/18)

**Plug crop time:** 6 to 7 weeks

**Transplant to finish:** 7 to 8 weeks

Compact variety displays green, broad-leaved foliage and long-lasting, dark green star inflorescences.

### General Information

| Exposure         | Bloom Season | Height                 | Spread                 | Spacing                |
|------------------|--------------|------------------------|------------------------|------------------------|
| Partial Sun, Sun | -            | 8-10 in.<br>(20-25 cm) | 8-10 in.<br>(20-25 cm) | 8-10 in.<br>(20-25 cm) |

### Germination

| Seed Form | Recommended Plug Size | Seeds/Cell | Plug Crop Weeks | Days to Germinate | Initial Media pH/EC         | Cover Seed |
|-----------|-----------------------|------------|-----------------|-------------------|-----------------------------|------------|
| MPL       | 288                   | 1          | 6-7             | 7-10              | 5.8-6.2 pH<br>0.75 mmhos/cm | No         |

### Plug Production

|                    | Stage 1                                | Stage 2                                 | Stage 3                                 | Stage 4                                 |
|--------------------|--|---|---|---|
| <b>Moisture</b>    | Level 4                                | Level 3-4                               | Level 2-3                               | Level 2-3                               |
| <b>Temperature</b> | 64-72°F<br>(18-22°C)                   | 64-79°F<br>(18-26°C)                    | 64-72°F<br>(18-22°C)                    | 61-64°F<br>(16-18°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>Fertilizer</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        |

### Fertilizer Notation

Use a nitrate-based fertilizer with low phosphorus.

### Growing on to Finish

| Growing on Temperature                               | Target Media pH/EC             | Fertilizer                       | Daylength   |
|--|--------------------------------|----------------------------------|-------------|
| (day) 66-74°F (19-23°C)<br>(night) 64-66°F (18-19°C) | 5.5-6.2 pH<br>1.2-1.5 mmhos/cm | 175 to 225 ppm N - 1.2 to 1.5 EC | Day Neutral |

### Crop Scheduling

| Container Size | Plugs/Pot | Crop Time   | Season | PGR |
|----------------|-----------|-------------|--------|-----|
| 306 Pack       | 1 (ppp)   | 7-8 (weeks) | Spring | -   |
| 4"/4.5"/Quart  | 1 (ppp)   | 7-8 (weeks) | Spring | -   |
| 5"/6"/1 Gallon | 3 (ppp)   | 8-9 (weeks) | Spring | -   |

### Fertilizer Notation

Use a nitrate-based fertilizer with low phosphorus; avoid using excessive ammonia, nitrogen-based fertilizer and overfeeding, as these will result in less upright plants.

## Common Problems

Planting the plug too deep.

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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Starhead

PanAmericanSeed™

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