

ColorGrass[®] 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
Sun, Partial Sun	-	8-10 in. (20-25 cm)	8-10 in. (20-25 cm)	8-10 in. (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 0.75 mmhos/cm	No

Plug Production

	Stage 1	Stage 2	Stage 3	Stage 4
Moisture	Level 4	Level 3-4	Level 2-3	Level 2-3
Temperature	64-72°F (18-22°C)	64-79°F (18-26°C)	64-72°F (18-22°C)	61-64°F (16-18°C)
Light	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)
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

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) (night) 64-66°F (18-19°C)	5.5-6.2 pH 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 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



Starhead

PanAmericanSeed™

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