



Grass Panicum Capillare Frosted Explosion

(*Panicum capillare*)

Cut Flowers Culture (revised 01/23/21)

This easy-to-grow grass adds a delicate texture to any bouquet. Dries well. Facultative short-day flowering response; see bloomstudios.com technical resources for key growing tips.

General Information

Cultivation Type	Usage	Stem Length	Timing Group
Greenhouse, Tunnel, Field grown	Filler	24-30 in. (61-76 cm)	N/A

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
MPL	288	1	4-5	3-8	5.8-6.4 pH 0.75 mmhos/cm	Light cover

Plug Production

	Stage 1	Stage 2	Stage 3	Stage 4
Moisture	Level 5-4	Level 4-3	Level 3	Level 2
Temperature	65-68°F (18-20°C)	65-68°F (18-20°C)	60-65°F (16-18°C)	60-65°F (16-18°C)
Light	Optional	2,500 f.c. (26,900 Lux)	2,500-5,000 f.c. (26,900-53,800 Lux)	5,000 f.c. (53,800 Lux)
Fertilizer	Less than 100 ppm N (Less than 0.7 EC)			

Propagation Key Tips

Panicum Frosted Explosion has a facultative short day flowering response. Plugs should be grown under 14+ hours of light. MPL sown trays need sufficient tray watering (guideline is approximately 500 ml per 30 seconds, average belt speed); then trays need quick transfer to a high-moisture germ chamber to avoid dry back of the clay pellet material.

Growing on to Finish

Target Media pH/EC (1:2)	Fertilizer	Daylength
5.8-6.4 pH 1.1-1.3 mmhos/cm	100 to 175 ppm N (0.7 to 1.2 EC)	Facultative Short Day

Daylength Notation

Facultative short day. Daylength extension will ensure good stem length when days are shorter than 14 hours.

Crop Scheduling

Cultivation Type	Support	Temperature	Density	Crop Time
Greenhouse	Required	16-18°C/60-65°F (day) 14-16°C/58-60°F (night)	2-3 plants/ft² (22-32 plants/m²)	8-11 weeks
Field grown	Required	18-24°C/65-75°F (day) 14-18°C/58-65°F (night)	2-3 plants/ft² (22-32 plants/m²)	7-9 weeks

Fertilizer Notation

Use a well-balanced fertilizer, and extra Potassium (K), once plants turn generative.

Common Problems

Insufficient light may lead to yellow leaf edges and reduced stem length. Using one layer of support wire can cause stems to lodge and fall flat. No specific diseases and pests, but stay alert and maintain an active growing climate.

Finishing Key Tips

Needs sufficient light intensity at a minimum of 150W/m². Insufficient light may lead to yellow leaf edges and reduced stem length. Avoid too low RH, as this can also cause yellow leaf edges. Two layers of support netting is advised.

Harvest

Harvest stems when panicles are tufted green all the way to fully exploded and bronze tinged.

Post Harvest

Use a sharp cut and place stems in a holding solution after harvest.

Vase Life

10-14 days

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



Frosted
Explosion



Frosted
Explosion



Frosted
Explosion



Frosted
Explosion



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