GrowerFacts

PanAmerican Seed®

Gomphrena Fireworks

(Gomphrena pulchella)

Cut Flowers Culture (revised 11/08/23)

Vigorous, “tough as nails” plants are productive and make an excellent filler flower for mixed bouquets, fresh or dried. Easy to produce and suitable for field production.

General Information

Cultivation Type	Usage	Stem Length	Timing Group
Greenhouse, Tunnel, Field grown	Filler	36-48 in. (91-122 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
COT	288	1	5-6	2-3	5.8-6.2 pH 0.75 mmhos/cm	Yes

Plug Production

	Stage 1	Stage 2	Stage 3	Stage 4
Moisture	Level 4	Level 3-4	Level 2-3	Level 2-3
Temperature	68-75°F (20-24°C)	68-72°F (20-22°C)	68-72°F (20-22°C)	64-68°F (18-20°C)
Light	Light	1,000-2,500 f.c. (10,800-26,900 Lux)	2,500-5,000 f.c. (26,900-53,800 Lux)	2,500-5,000 f.c. (26,900-53,800 Lux)
Fertiliser		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)

Propagation Key Tips

If needed, young plants respond well to daminozide.

Growing on to Finish

Target Media pH/EC (1:2)	Fertiliser	Daylength
5.8-6.2 pH 1.5-2.0 mmhos/cm	225 to 300 ppm N (1.5 to 2.0 EC)	Day Neutral

Crop Scheduling

Cultivation Type	Support	Temperature	Density	Crop Time
Field grown	Recommended	-	1 plants/ft² (11 plants/m²)	10-12 weeks

Harvest

Harvest when flower heads are sized up and in colour.

Post Harvest

Good-quality, clean water. No additional benefits from use of commercial floral solutions. Store at 3-4°C (36-41°F) if necessary for less than 7 days for best performance.

Vase Life

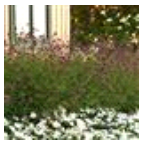
14-16 days

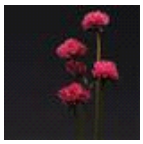
NOTE: Growers should use the information presented here as guidelines only. PanAmerican Seed recommends that growers conduct a trial of products under their own conditions. Crop times will vary depending on the climate, location, time of year, and greenhouse environmental conditions. It is the responsibility 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


Fireworks


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