GrowerFacts

PanAmericanSeed®

Gomphrena QIS Series

(Gomphrena haageana)

Cut Flowers Culture (revised 02/25/21)

Vivid colour range makes these a first-class professional cut flower for greenhouse and outdoor production; suited to fresh and dried use.

General Information

Cultivation Type	Usage	Stem Length	Timing Group
Tunnel, Field grown	Filler	24-26 in. (61-66 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
RAW	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 3-4	Level 3
Temperature	68-72°F (20-22°C)	65-70°F (18-21°C)	65-70°F (18-21°C)	60-65°F (16-18°C)
Light		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)
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)

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)	-

Crop Scheduling

Cultivation Type	Support	Temperature	Density	Crop Time
Field grown	Not needed	18-24°C/65-75°F (day) 17-19°C/63-66°F (night)	1-2 plants/ft² (11-22 plants/m²)	10-12 weeks

Finishing Key Tips

To increase productivity, the first blooms of the plants can be removed so that the secondaries will develop strongly.

Harvest

Harvest when flowers are in colour and head is rounded, but before heads elongate.

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

Carmine

Orange

Red

Mixture

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