

Limonium QIS Series

(*Limonium sinuatum*)

Cut Flowers Culture (revised 02/24/19)

Planting density: 1 to 2 plants/ft.² (10 to 20 plants/m²)

Best for: High tunnel, field

Plug crop time: 4 to 5 weeks

Transplant to finish: 18 to 22 weeks (12 to 13 with vernalisation or direct sowing)

- Widely recommended by professional cut flower growers in the world, QIS ('Quality in Seed') is a considerable improvement over standard varieties in uniformity, colour, flower size and stem quality.
- Produces clouds of tiny, non-shattering flowers.
- Delivers shippability and long vase life.
- Popular for both fresh and preserved cut flower production.
- Stiff stems do not require netting.

General Information

Exposure	Bloom Season	Height	Spread	Spacing
Sun	Summer, Late Summer	30-35 in. (76-89 cm)	8-10 in. (20-25 cm)	12-16 in. (30-41 cm)

Germination

Seed Form	Recommended Plug Size	Seeds/Cell	Plug Crop Weeks	Days to Germinate	Initial Media pH/EC	Cover Seed
RAW	288	1	4-5	3-8	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	65-70°F (18-21°C)	60-65°F (16-18°C)	60-65°F (16-18°C)	55-60°F (13-16°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)
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

Propagation Key Tips

Plants flower more rapidly and uniformly if subjected to a cold treatment of 50 to 55°F (10 to 13°C) for 3 to 5 weeks following germination.

Growing on to Finish

Growing on Temperature	Target Media pH/EC	Fertilizer	Daylength
Before flower development: (day) 55-60°F (13-16°C) (night) 50-55°F (10-13°C)	5.8-6.2 pH 1.5-2.0 mmhos/cm	175 to 225 ppm N - 1.2 to 1.5 EC	Facultative Long Day

Crop Scheduling

Crop Type	Season	Density	Crop Time
-	Spring	1-2 plants/ft ² (11-22 plants/m ²)	18-22 weeks

Finishing Key Tips

Popular series for both fresh and preserved cut flower production. Stiff stems do not require netting. They will flower slightly quicker if the plugs are subjected to vernalization before transplanting.

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



Apricot



Dark Blue



Lavender



Pale Blue



Pastel



Purple



Rose



White



Yellow



Mixture

PanAmericanSeed™

PanAmerican Seed Co.
622 Town Road, West Chicago, Illinois, USA, 60185-2698
630 231-1400 Fax: 630 231-3609 PanAmSeed.com

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