GrowerFacts

PanAmerican Seed®

Asclepias Silky Series

(Asclepias curassavica)

Cut Flowers Culture (revised 02/25/21)

High-quality series is bred for greenhouse and outdoor field production. Not recommended for garden use in Zones 7 to 9.

General Information

Cultivation Type	Usage	Stem Length	Timing Group
Greenhouse, Tunnel, Field grown	Filler	24-28 in. (61-71 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	5-11	5.8-6.2 pH 0.75 mmhos/cm	Light cover

Plug Production

	Stage 1	Stage 2	Stage 3	Stage 4
Moisture	Level 4	Level 3	Level 2-3	Level 2
Temperature	68-72°F (20-22°C)	65-68°F (18-20°C)	65-68°F (18-20°C)	60-65°F (16-18°C)
Light	Light	2,000-2,500 f.c. (21,500-26,900 Lux)	3,000-4,000 f.c. (32,300-43,100 Lux)	4,000-5,000 f.c. (43,100-53,800 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)	175 to 225 ppm N (1.2 to 1.5 EC)

Growing on to Finish

Target Media pH/EC (1:2)	Fertiliser	Daylength
6.5 pH 0.75-1.2 mmhos/cm	100 to 175 ppm N (0.7 to 1.2 EC)	Day Neutral

Crop Scheduling

Cultivation Type	Support	Temperature	Density	Crop Time
Field grown	Not needed	-	3-4 plants/ft² (32-43 plants/m²)	8-12 weeks
Tunnel	Not needed	-	3-4 plants/ft² (32-43 plants/m²)	8-12 weeks
Greenhouse	Not needed	21-24°C/70-75°F (day) 16-18°C/60-65°F (night)	2-3 plants/ft² (22-32 plants/m²)	10-14 weeks

Common Problems

Insects: Thrips Diseases: Rhizoctonia

Harvest

Harvest early in the day when 50-65% of flowers are open. Do not sear the stems in hot water as you would do with other Asclepias.

Post Harvest

After harvest, change solutions 2-3 times to eliminate any latex exudate. Holding solution is optional. Avoid ethylene exposure; an ethylene-inhibiting treatment is recommended. Store at 4-7°C (40-45°F). Transport in solution if possible.

Vase Life

Consumer floral preservative recommended to keep water clear. Vase life 8-10 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

Deep Red

Gold

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