

ANNUAL
PROPAGATION

PELARGONIUM SURVIVOR IDOLS®

Pelargonium x hortorum



TRAY & ROOTING

Form	Vegetative Cutting
Rooting Hormone?	Yes
Plants Per Cell	1
Days In Mist	8-16
Wks. From Stick To Transplant	3-4
Propagation Pinch?	No
Weeks To Pinch	N/A

FERTILITY

Fertilize Through Mist?	Optional
Fertilizer Rate	Moderate: 100-150 ppm N (20-10-20 constant feed)
EC Range	Moderate (1.0-1.5 mS via SME)
pH Range	6.0-6.4

TEMPERATURE

Average Soil Temp	20-22°C
Average Air Temp	18-22°C

IRRIGATION

Irrigation Frequency	Level 4: Keep media moderately moist at all times
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LIGHT

Daylength Neutral?	Yes
Supplemental	No
Benefits From Shade?	Keep light intensity between 700-1200 fc (7500-12900 lux) until callus formation, 2000-2500 fc (21500-26900 lux) during root initiation, and 2500-4000 fc (26900-43100 lux) for toning.

POTENTIAL DISEASES

Xanthomonas, Rhizoctonia, Botrytis

POTENTIAL PESTS

Thrips, Aphids, Fungus Gnats

PGR SUGGESTIONS

- Chlormequat
- Daminozide spray



TIPS

- Only mist enough to keep leaves turgid.

WE'RE HERE TO HELP YOU GROW

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CONTAINER SIZE	PLANTS PER POT	EARLY SEASON	MID SEASON	LATE SEASON
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4 in. (10 cm)	1	7-9	6-8	5-7
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15 cm and up	1-2	8-10	7-9	6-8
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19 cm	2-3	8-11	7-9	6-9
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FERTILITY

Fertilizer **Moderate: 125-200 ppm N (15-5-15 at or similar calcium-nitrate formula alternated with 20-10-20)**

EC Range **High (2.0-2.5 mS via SME)**

pH Range **6.0-6.4**

TEMPERATURE

Day Temperature **18-24°C**

Night Temperature **14-17°C**

IRRIGATION

Irrigation Frequency **Level 4: Keep media moderately**

LIGHT

Daylength Neutral? **Yes**

Supplemental **No**

Benefits From Shade? **No**

PINCHING

Finishing Pinch? **No**

POTENTIAL DISEASES

Xanthomonas, Rhizoctonia, Botrytis

POTENTIAL PESTS

Thrips, Aphids, Fungus Gnats

PGR SUGGESTIONS

- Chlormequat
- Chlormequat + Daminozide tank mix



TIPS

- Cultivars in this series are relatively vigorous and will likely require PGR applications.
- Utilize fertilizer formulations low in phosphorous and ammonium to help control stretch, increase branching, increase shelf life, and encourage full flowering.
- Consider direct-stick with callused cuttings to reduce overall production time by 1-2 weeks.

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FEATURES AND BENEFITS

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KEY INFORMATION

Consumer Watering Instructions	Allow soil to dry slightly between thorough waterings.
Exposure	Full Sun to Partial Shade
Height	30-46cm
Width	30-46cm

DESCRIPTION

Survivor® is a mid-season zonal geranium with a semi-vigorous growth habit.

CONSUMER APPEAL

- Upright in nature with huge flowers, Survivor® is a solid choice for large container production.

GARDEN ATTRIBUTES

- If planted in the landscape, Pelargonium prefer rich well-drained soils. However, they can tolerate heavy clay soils if not overwatered.
- Although not favored by bees, the long bloom season and bright flowers of Pelargonium naturally attract hummingbirds. Additionally, their recognizable foliage aroma is a natural deterrent to rabbits, deer, and herbivorous insects.
- Pelargonium can be overwintered indoors for extended seasonal interest.

NATIVITY

Of hybrid origin: parental lineages native to Southern Africa.



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