

ZONAL GERANIUM

PROPAGATION

PELARGONIUM SAVANNAH®

Pelargonium x hortorum



TRAY & ROOTING

Form	Vegetative Cutting
Rooting Hormone	Yes
Tray Size	32, 52, 72, 102 strip
Plants Per Cell	1
Days In Mist	8-16
Wks. From Stick To Transplant	3-4
Pinch?	No
Days To Pinch	N/A

FERTILITY

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

TEMPERATURE

Vernalization Required?	No
Average Soil Temperature	68-72°F (20-22°C)
Average Air Temperature	65-72°F (18-22°C)

IRRIGATION FREQUENCY

Level 3: keep media moderately moist at all times

LIGHT (SUPPLEMENTAL)

No

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

- 1,500-2500 ppm *Daminozide* (85%) spray
- *Ethephon* (3.9%) at 350-500 ppm can be used for bud removal and branching 12-21 days after stick (when liners are rooted). Do not apply within 6-8 weeks of ship date.



Savannah® Merlot Sizzle

TIPS

- Apply a 200 ppm IBA spray (or equivalent product) within 24 hours of sticking to aid root formation.
- Only mist enough to keep leaves turgid.

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ZONAL GERANIUM

FINISHING

PELARGONIUM SAVANNAH®

Pelargonium x hortorum



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**

6 in. (15 cm) **1-2** **8-10** **7-9** **6-8**

8 in. (19 cm) **2-3** **8-11** **7-9** **6-9**

10 in. (22 cm) **3-4** **9-12** **8-11** **8-12**

FERTILITY

Fertilizer Rate **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 **65-75°F (18-24°C)**

Night Temperature **58-62° (14-17°C)**

IRRIGATION

Irrigation Frequency **Level 3: keep media moderately moist at all times**

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

- 500-1500 ppm *Chlormequat* (11.8%) as needed
- 1200 ppm *Chlormequat* (11.8%) + 2500 ppm *Daminozide* (85%) tank mix



Savannah® Punch

TIPS

- 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

PELARGONIUM SAVANNAH®

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DESCRIPTION

Savannah® is a mid-season zonal geranium series with a semi-compact habit.

KEY GARDEN INFORMATION

Exposure	Sun to Partial Shade
Height	18-24 inches (46-61 cm)
Garden Spacing	18-24 inches (46-61 cm)
Watering instructions	Allow soil to dry slightly between thorough waterings.
Hardiness Zone	10-12

CONSUMER APPEAL

- Distinctive contrast between the dark leaf color and bright flowers make the cultivars in this series *pop* at retail.
- Savannah® features the best zonal heat tolerance on the market.

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.



Savannah® Oh So Orange



Savannah® White Splash

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