

ANNUAL  
PROPAGATION

# PELARGONIUM SAVANNAH®

*Pelargonium x hortorum*



## TRAY & ROOTING

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

## FERTILITY

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

## TEMPERATURE

|                   |                |
|-------------------|----------------|
| Average Soil Temp | <b>20-22°C</b> |
| Average Air Temp  | <b>18-22°C</b> |

## IRRIGATION

|                      |                                                          |
|----------------------|----------------------------------------------------------|
| Irrigation Frequency | <b>Level 4: Keep media moderately moist at all times</b> |
|----------------------|----------------------------------------------------------|

## LIGHT

|                      |                                                                                                                                                                                                |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Daylength Neutral?   | <b>Yes</b>                                                                                                                                                                                     |
| Supplemental         | <b>No</b>                                                                                                                                                                                      |
| Benefits From Shade? | <b>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.</b> |

## POTENTIAL DISEASES

Xanthomonas, Rhizoctonia, Botrytis

## POTENTIAL PESTS

Thrips, Aphids, Fungus Gnats

## PGR SUGGESTIONS

- Chlormequat
- Daminozide spray
- Ethephon can be used for bud removal and branching 12-21 days after stick (when liners are rooted). Do not apply



## TIPS

- Only mist enough to keep leaves turgid.

## WE'RE HERE TO HELP YOU GROW

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FINISHING

# PELARGONIUM SAVANNAH®

*Pelargonium x hortorum*



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

## FERTILITY

|            |                                                                                                         |
|------------|---------------------------------------------------------------------------------------------------------|
| Fertilizer | <b>Moderate: 125-200 ppm N (15-5-15 at or similar calcium-nitrate formula alternated with 20-10-20)</b> |
| EC Range   | <b>High (2.0-2.5 mS via SME)</b>                                                                        |
| pH Range   | <b>6.0-6.4</b>                                                                                          |

## TEMPERATURE

|                   |                |
|-------------------|----------------|
| Day Temperature   | <b>18-24°C</b> |
| Night Temperature | <b>14-17°C</b> |

## IRRIGATION

|                      |                                                          |
|----------------------|----------------------------------------------------------|
| Irrigation Frequency | <b>Level 4: Keep media moderately moist at all times</b> |
|----------------------|----------------------------------------------------------|

## LIGHT

|                      |            |
|----------------------|------------|
| Daylength Neutral?   | <b>Yes</b> |
| Supplemental         | <b>No</b>  |
| Benefits From Shade? | <b>No</b>  |

## PINCHING

|                  |           |
|------------------|-----------|
| Finishing Pinch? | <b>No</b> |
|------------------|-----------|

## POTENTIAL DISEASES

Xanthomonas, Rhizoctonia, Botrytis

## POTENTIAL PESTS

Thrips, Aphids, Fungus Gnats

## PGR SUGGESTIONS

- Chlormequat
- Chlormequat + Daminozide tank mix



## 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

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### KEY INFORMATION

|                                |                                                    |
|--------------------------------|----------------------------------------------------|
| Consumer Watering Instructions | <b>Allow soil to dry slightly between thorough</b> |
| Exposure                       | <b>Full Sun to Partial Shade</b>                   |
| Height                         | <b>30-46cm</b>                                     |
| Width                          | <b>30-46cm</b>                                     |

### DESCRIPTION

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

### 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

### NATIVITY

Of hybrid origin: parental lineages native to Southern Africa.



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