

BASF Foundational Fungicide Program

Poinsettia Propagation Spray Rotation Program

Nursery and greenhouse growers rely on BASF to provide innovative solutions for their most pressing challenges. To protect crops throughout the plant production cycle, the BASF Foundational Fungicide Programs recommend products and protocols that control key diseases and boost plant health. From propagation to shipping, **Intrinsic**® brand fungicides from BASF deliver greater disease resistance, stress tolerance and growth efficiency. The result is healthy, high-quality plants that shine on retail shelves.

 **BASF**
We create chemistry

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Products, rates and intervals shown are recommended to control disease in poinsettia unrooted cuttings and stimulate plant health for longer, stronger roots, priming cuttings for root initiation. Growers should observe faster callusing, greater numbers of root initials and better canopy branching. As a result, plants develop better feeder roots and a better overall rootball.

BASF **Intrinsic**® brand fungicides deliver preventive disease protection and plant health. Diseases controlled include: *Fusarium*, *Rhizoctonia*, *Pythium*, *Phytophthora*, *Botrytis* and fungal leaf spots.

6-7 Weeks of Coverage from Root Development to Transplant

At sticking	+ 14 days	+ 10-14 days	+ 7 days	At transplant
Pageant® Intrinsic brand fungicide	Pageant Intrinsic brand fungicide	Daconil	Medallion	Empress® Intrinsic brand fungicide
6 oz foliar	6 oz foliar	SLR	SLR (Standard Label Rate)	3 fl oz drench

- All product rates shown are per 100 gallons.
- Product rates are based on preventive applications; adjust rates and intervals to conditions for disease development. Additional sprays may be necessary depending on disease spectrum. Rotate chemistries for best program performance.
- Refer to product labels and recommendations for additional instructions.
- For additional protection from *Pythium* spp. or *Phytophthora* spp., apply Segway O fungicide at 3 fl oz alternating with **Empress Intrinsic** brand fungicide, or tank mix 3 fl oz of **Empress Intrinsic** brand fungicide with 1.5 fl oz of Segway O.
- For *Erwinia* spp. or other bacterial diseases, use Junction or copper followed by Cease or Rhapsody, then rotate back to **Pageant Intrinsic** brand fungicide (as recommended above) if cuttings still need additional rooting time.

Dilution Tables*

Pageant Intrinsic brand fungicide (1.0 ounce = 28.35 gram)

Use Rate / 100 gal	Spray Volume Rate (g)			
	/ 100 gal	/ 50 gal	/ 10 gal	/ 2 gal
6 oz	170 g	85 g	17 g	3 g
8 oz	227 g	114 g	23 g	5 g
12 oz	341 g	171 g	34 g	7 g
16 oz	454 g	227 g	46 g	9 g

Empress Intrinsic brand fungicide (29.57 mL = 1.0 fl ounce)

Use Rate / 100 gal	Spray Volume Rate (mL)			
	/ 100 gal	/ 50 gal	/ 10 gal	/ 2 gal
2 fl oz	59 mL	30 mL	6 mL	1 mL
3 fl oz	89 mL	44 mL	9 mL	2 mL
4 fl oz	118 mL	59 mL	12 mL	2.4 mL
6 fl oz	177 mL	89 mL	18 mL	4 mL

* Rates are rounded to nearest whole number.

Always read and follow label directions.

Non-BASF products are included in this guide to provide a rotation of products with known efficacy, good plant safety and different modes of action. Always evaluate products that are new to your operation for safety on the plant species and cultivars you grow, and under your specific growing conditions prior to large-scale application.

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