



BASF Foundational Fungicide Program

Pageant® Intrinsic® brand fungicide

Use on Unrooted Cuttings and Seedlings in Propagation

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 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 to Transplant

At sticking	+ 14 days	+ 14 days under mist	Prior to transplant
Pageant Intrinsic brand fungicide	Pageant Intrinsic brand fungicide	Chipco 26019 or Daconil or Medallion	Empress® Intrinsic brand fungicide
6 oz foliar	6 oz foliar	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., 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 a product such as Cease or Rhapsody, then return to rotation with **Pageant Intrinsic** brand fungicide or other products as recommended above.
- Use of **Empress Intrinsic** brand fungicide in this program is recommended when the cuttings have been completely rooted. This application will provide more root development while protecting the plant from soilborne diseases when transplanting to the next container size. When made in the original container prior to transplanting, this economical application saves time and labor by treating a smaller area and less media.

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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