

Empress[®] Intrinsic[®] brand fungicide

Give young plants and
transplants a healthy start

Right from the start, you work hard to provide young plants with a strong foundation. BASF can help with solutions like **Empress Intrinsic** brand fungicide, which provides disease protection from four top-of-mind root and crown pathogens.

Like all **Intrinsic** brand fungicides, it also delivers plant health benefits, including stronger, denser roots and resilience to the stresses that can occur in production.

Drench applications with **Empress Intrinsic** brand fungicide will protect young, susceptible plants from root-infecting pathogens in rooted plug, propagation and transplant stages of production.

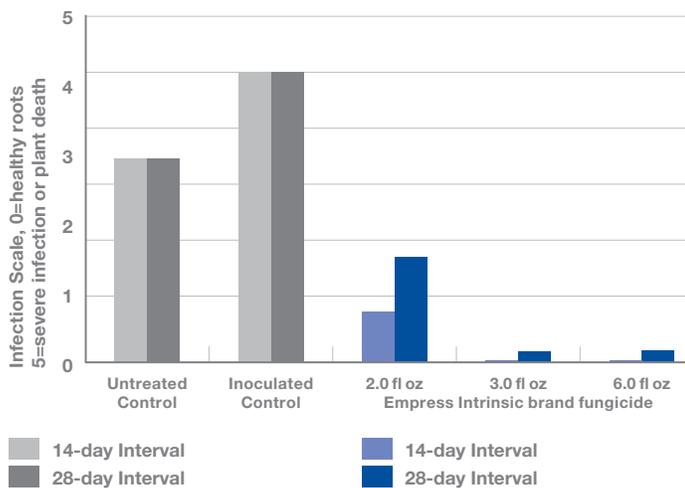
At a time when consistent growth is critical, greenhouse and nursery growers can rely on this innovative solution.

- **Disease control:** This fungicide protects young plants from major root diseases.
- **Stronger roots:** Intrinsic brand fungicides enhance growth efficiency to provide the healthy, dense root growth required for the production of high quality plants.
- **Integrates with existing programs:** **Empress Intrinsic** brand fungicide readily fits into your current disease management, rotation and plant production programs.

Effective disease control

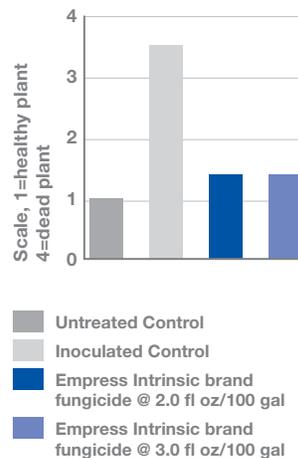
- **Empress® Intrinsic®** brand fungicide protects young, susceptible plants from root-infecting pathogens.
- Use as a drench application in plug, rooted cuttings and transplant stages of production.

Pythium Control and Healthy Roots of Poinsettia



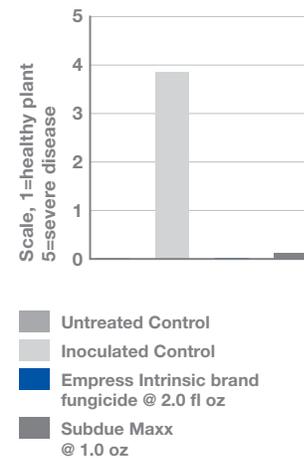
Trial conducted by A. Palmateer, University of Florida, Homestead, FL; 2012. Rating Scale: 0=healthy roots, 3=30-50% root infection, 5=>75% root infection or plant death. Rooted 'Early Freedom' poinsettia cuttings were transplanted into 6-inch containers and inoculated with *Pythium myriotylum*.

Controls Damping-Off on Impatiens



M. Benson, North Carolina State University, 2012. Two applications at 14-day interval beginning 5/15/2012. Damping-off disease (*Rhizoctonia solani*)

Controls *Phytophthora* in Transplanted Vinca



Ann Chase, Chase Research and B. Uber, Crop Inspection, CA; 2012. Transplanted 'Bubble Gum Mix' vinca into 2.75 inch containers 08/29/2012 inoculated with *Phytophthora nicotianae* 3 times 09/04, 09/19, 10/03/2012. Three applications were made on 14-day intervals beginning 09/04/2012.

Empress Intrinsic brand fungicide controls the following soilborne diseases:

- *Fusarium* species
F. oxysporum, *F. solani*
- *Phytophthora* species
P. cinnamomi,
P. nicotianae, *P. parasitica*
- *Pythium* species
P. aphanidermatum,
P. irregulare, *P. myriotylum*
- *Rhizoctonia* species
R. solani

To learn more about **Empress Intrinsic** brand fungicide, visit betterplants.basf.us or contact your BASF representative.

Always read and follow label directions.

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