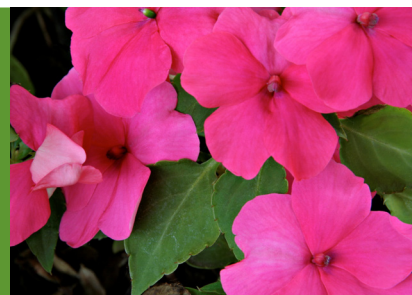


# Adorn<sup>®</sup> FUNGICIDE



## Impatiens Downy Mildew Control

Impatiens Downy Mildew (IDM), caused by *Plasmopara obducens*, is a serious concern in ornamental production and has been confirmed in landscapes throughout the U.S in 2011. This devastating disease stunts plant growth and ultimately causes infected leaves to drop. Typical symptoms include chlorosis, downward leaf curl at the margins and white, downy masses of spores on the leaf undersides. However, leaf sporulation is only evident when environmental conditions favor conidia development (60-73° F and humid conditions). This creates a concern about movement of asymptomatic plants. Young, immature leaves and seedlings are more susceptible than mature leaves; so, focus scouting efforts on new growth.

The addition of Adorn<sup>®</sup> Fungicide to an IDM program provides excellent downy mildew control. The novel mode of action brings maximum control of diseases, while helping manage fungicide resistance.

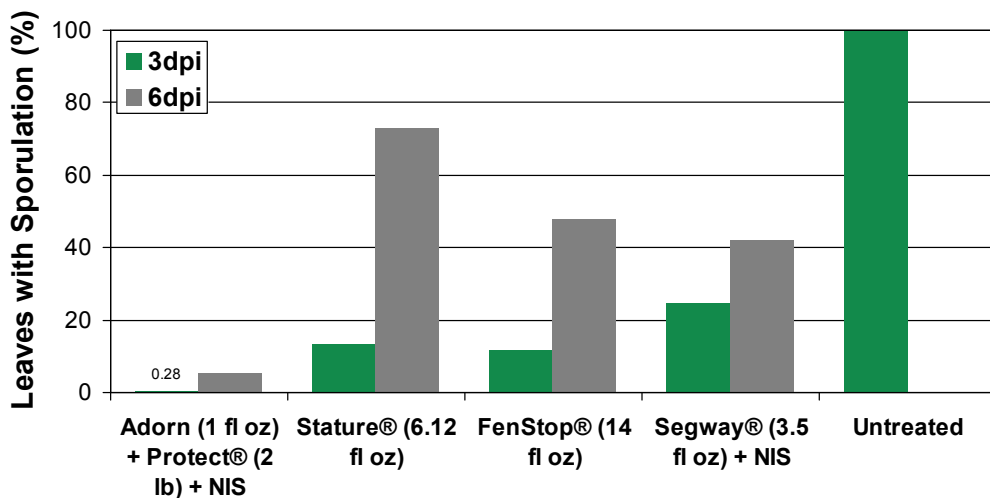
Adorn delivers:

- Excellent control of Downy Mildew, Phytophthora and Pythium
- Novel mode of action
- Excellent resistance management tool (NOTE: must be tank mixed for resistance management)

Target Disease	Application Method & Rate	Timing
Impatiens Downy Mildew	<b>Soil Drench:</b> 2 oz/100 gal + phosphite or other product labeled for downy mildew control	14-28 application day interval
	<b>Foliar Spray:</b> 2 oz/100 gal + Protect <sup>®</sup> Fungicide or other product labeled for downy mildew control*	No more than two applications per cropping cycle

\* NOTE: If a nonionic surfactant is used, be sure to test for crop safety.

## Adorn Controls Downy Mildew on Impatiens



**The tank mix of Adorn + Protect delivered better IDM control early curatively vs. the standard approach.**

dpi = days post inoculation  
NIS = nonionic surfactant

C. Warfield, Ball Horticultural Co. 2011.

Inoculated: 26 Aug.; Treatments applied as foliar: 29 Aug. & 1 Sept.

Evaluations: 13 Sept. Causal agent: *Plasmopara obducens*.

Evaluations were made on 21 Sept. or 26 days post inoculation.



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