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# Count on DuPont to help you deal with just about anything

## DuPont™ Fontelis® fungicide

### Onion Recommendations — Ariz., Calif., Colo.

DuPont™ Fontelis® fungicide delivers broad-spectrum, fast-acting and long-lasting protection with pre- and post-infection activity. It's the power and flexibility you need to improve your odds for high-quality, high-yielding onions.

#### Key Benefits of Fontelis®:

- Single active ingredient delivers broad-spectrum disease control
- Effective against heavy disease pressure as well as light pressure
- Provides excellent crop tolerance with no adverse effects on crop growth, yield or produce quality
- Rapidly penetrates plants and is rainfast within 1 hour after application
- May be used with adjuvants and is compatible with many commonly used fungicides, herbicides, insecticides, liquid fertilizers and biological control products<sup>1</sup>
- Offers the flexibility to rotate or tank mix disease-control products for better resistance management

<sup>1</sup> See individual labels for details.



### DuPont™ Fontelis® fungicide

Active ingredient name: Penthiopyrad

Chemical class: FRAC Group 7, *carboxamides*

Formulation: 1.67 SC

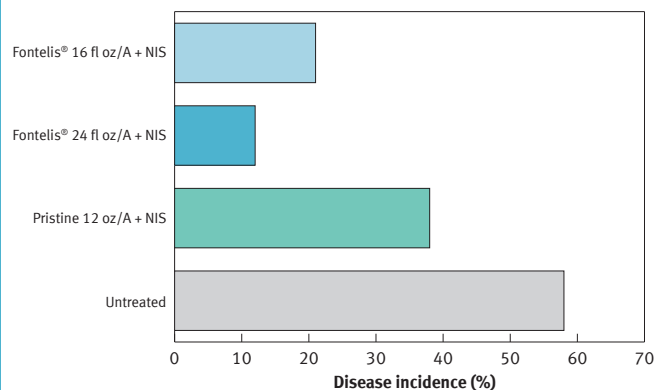
Registered by EPA under its Reduced Risk Pesticide Program for most labeled crops<sup>2</sup>

Short PHI: 3 days

Short REI: 12 hours

<sup>2</sup> Contact your DuPont representative for the list of crops that have been registered in the Reduced Risk Pesticide Program.

### Fontelis® for Onion Botrytis Neck Rot



- Treatments applied on 6/8 and 6/15 to overwintering onions planted in late August of 2009.
- Plots oversprayed with botrytis spore suspension on 6/9.
- Sprayed at 70 GPA in order to reach point of runoff to mimic chemigation effects and get spray deep into leaf axils at base of plant.
- Bulbs harvested on 6/21 and stored at ambient outside temperature to allow neck tissue to dry and for disease to develop.
- Took bulbs out of storage on 8/27 and evaluated 50 bulbs per plot x 5 replications for % incidence of botrytis neck rot.

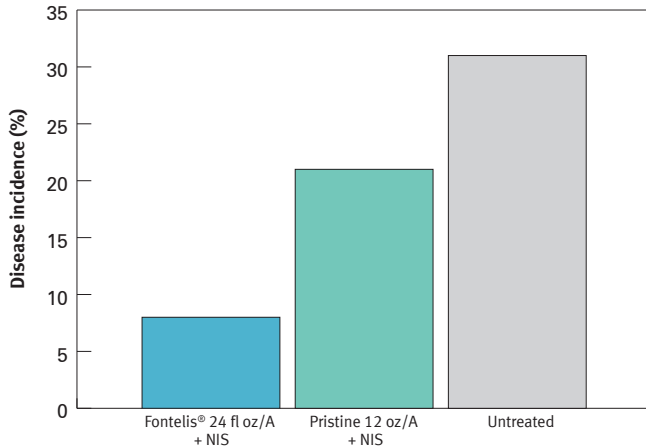
Source: DuPont Trial USA-10-672, 2009



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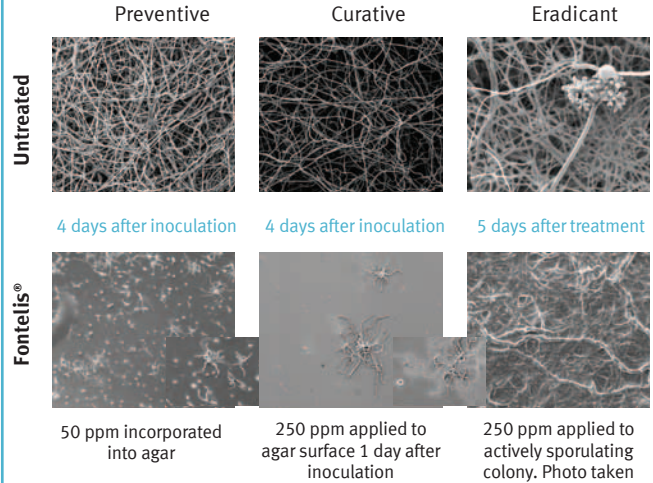
# DuPont™ Fontelis® fungicide

## Fontelis® for Botrytis Blight and Neck Rot



Source: DuPont – WEN-08-309

## Fontelis® stops spore germination and mycelial growth in Botrytis



Source: 2009 study conducted by Dr. Franziska Peters. Staatliches Weinbauinstitut, Freiburg, Germany.

## DuPont™ Fontelis® Program Recommendation

Crop	Target Disease	Fontelis® Rate	Maximum Rate per Acre per Application	Maximum Product per Acre per Year	Comments
Onions	Botrytis blight and neck rot Garlic rust Purple blotch Powdery mildew* Stemphylium leaf blight and stem rot* White rot	16-24 fl oz/A	24 fl oz	72 fl oz	Begin applications prior to disease development and continue on a 7- to 14-day interval when disease pressure is high.

Make no more than two sequential applications of Fontelis® before switching to a fungicide with a different mode of action.

\* Not for use in California on these diseases.

## Maximum Residue Levels (MRLs)

DuPont™ Fontelis® fungicide is registered with the EPA and has received registrations in most states. DuPont is establishing MRLs in key countries of export to facilitate ease of trade for our customers. For updates to MRL status, please refer to the USDA MRL Database ([mrlatabase.com](http://mrlatabase.com)). For any specific MRL-related questions on Fontelis® to support your crop export management decisions, please contact your local DuPont representative or email DuPont™ SmoothTrade™ Solutions at [SmoothTrade@dupont.com](mailto:SmoothTrade@dupont.com).

## For more information

Why take a chance? Contact your local DuPont retailer or representative to get the power and flexibility you need to improve your odds for high-quality, high-yielding crops with DuPont™ Fontelis® fungicide. And visit us at [fontelis.dupont.com](http://fontelis.dupont.com).

This reference guide is not intended as a substitute for the product label for the product(s) referenced herein. Product labels for the above product(s) contain important precautions, directions for use, and product warranty and liability limitations, which must be read before using the product(s). Applicators must be in possession of the product label(s) at the time of application. Always read and follow all label directions and precautions for use when using any pesticide alone or in tank-mix combinations.

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Reorder No.: K-27701 (Replaces 25561-1)