



POWERFUL DISEASE CONTROL FOR YOUR BULB VEGETABLE CROPS.

**DuPont™
Fontelis®**
fungicide

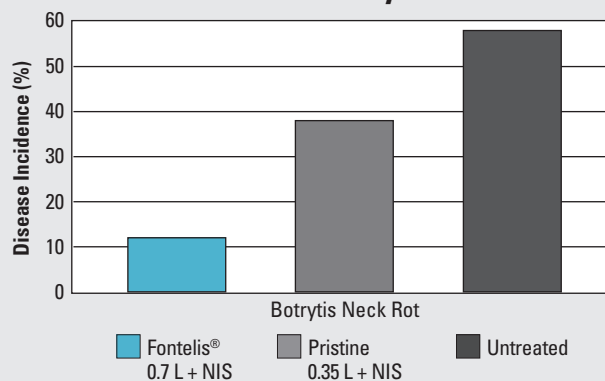
Powerful new chemistry

- Brand new active ingredient – penthiopyrad
- The next generation Group 7 fungicide
- Powerful activity on important diseases

Balanced attributes gives you peace of mind

- Strong preventative and residual activity
- Excellent rainfastness
- Translaminar and locally systemic movement within treated tissues
- Redistribution to untreated foliage

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 USA, August 2009.

Fontelis® Onion Trials for Control of Botrytis and Purple Blotch

Treatment	Number of Applications	Botrytis 0-100% Severity	Purple Blotch 0-100% Severity	Yield Lb/100 Row Ft.
Fontelis® 0.7 L/ac + MSO	6 (14-day intervals)	2.83% b-e	27.5% a	284 kg ab
Pristine® 0.43 L/ac + MSO	6 (14-day intervals)	3.3% b-e	27.5% a	281 kg ab
Untreated	N/A	5.4% a	35% a	275 kg ab

Source: DuPont USA Field Trial 2011.

Flexible protection

- Convenient single-active formulation gives you the power to build an integrated disease control program
- Tank-mixable with protectant fungicides
- Application and harvest flexibility
- Optimized SC formulation is gentle on the crop

Application information

Packaging: One (1) case = 4 x 3.79 L jugs

Minimum Water Volumes (ground): 110 L/ha = 10 gal/ac.

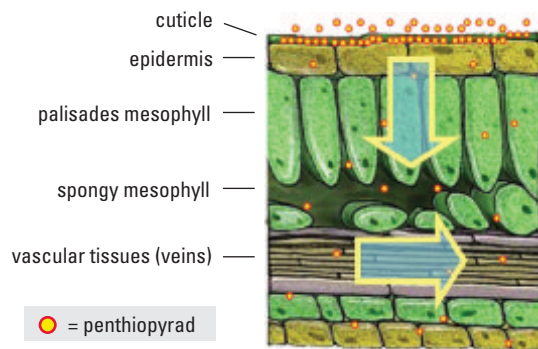


Crop	Diseases	Rate	PHI	REI	Application Specifications
BULB VEGETABLES Chive, garlic, leek, onion, shallot (cultivars, varieties, and/or hybrids of these)	Botrytis fleck (suppression) Purple blotch (suppression)	0.5 to 0.7 L/ac (1.25 to 1.75 L/ha)	3 days	12 hours	Begin applications prior to disease development and continue on a 7 to 14 day interval. Use higher rate and shorter interval when disease pressure is high. Do not apply by air.

Fontelis® is also registered on:

Alfalfa, low growing berries, brassica (cole) leafy vegetables, carrots, cucurbit vegetables, fruiting vegetables, leafy vegetables, legume vegetables, pome fruits, root vegetables and leaves, stone fruit, tree nuts and peanuts.

Power Difference — DuPont™ Fontelis® Excellent Plant Movement



About 15% remains on leaf surface

- **Preventive** and **residual** disease control
- Dislodgeable by rainfall or irrigation for **redistribution** within plant canopy and along stems

About 80% is associated with the waxy cuticle

- Primary source of product for **preventive** disease control
- Reservoir of active ingredient for **rainfastness** and **extended residual**
- Reservoir for **uptake** into the interior of the leaf for post infection and **movement** through and within leaf

About 5% penetrates quickly into leaf

- Responsible for **post-infection** and **local xylem systemic movement**

Questions?

For more information, please contact your retailer, call your local DuPont rep or the DuPont™ FarmCare® Support Centre at 1-800-667-3925 or visit fontelis.dupont.ca



As with all crop protection products, read and follow label instructions carefully. All information effective August 2014.

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