



The miracles of science™

Realize the full potential of your cucurbits.

DuPont™ Fontelis® fungicide

Cucurbit Recommendations — Eastern

DuPont™ Fontelis® fungicide delivers broader-spectrum coverage for fast-acting and long-lasting protection that's preventive and curative. It's the power and flexibility you need to realize high-quality, high-yielding cucurbits.

Key Benefits of Fontelis®:

- Single active ingredient delivers an extremely broad spectrum of control
- Highly protective yet also highly curative
- Excellent crop safety with no adverse effects on crop growth, yield or produce quality
- Works just as well when sprayed on heavier, more mature canopies as when applied to younger plants, earlier in the season
- Rapidly penetrates into plant tissues, rainfast within 1 hour after application
- Registered by EPA under its Reduced Risk Pesticide Program for most labeled crops¹

¹ Contact your DuPont representative for the list of crops that have been registered in the Reduced Risk Pesticide Program.

Diseases controlled by Fontelis®

Alternaria leaf spot and blight	Gray mold
Gummy stem blight	Powdery mildew
Sclerotinia stem rot	

2011 Large Plot Watermelon Trial

Watermelon Vigor/Disease Ratings²

Treatment	Vigor Rating (0-10)	Gummy stem blight Percent infection	Powdery mildew Percent infection
Fontelis® program	8.5/8.5	0/5	0/0
Pristine program	7.0/6.0	15/35	10/10
Untreated	1.5/0	80/95	30/50

² July 5, 2011 and July 12, 2011 — 7 days after 5th and 6th application. Fontelis® and Pristine programs consisted of alternations with chlorothalonil, mancozeb and tebuconazole.

Source: SE Ag Research, Chula, Ga.

DuPont™ Fontelis® fungicide

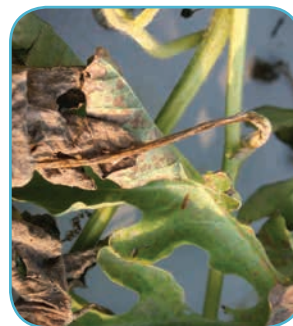
Active ingredient name: Penthiopyrad

Chemical class: FRAC Group 7, *carboxamides*

Formulation: 20 SC

Treatments

Application Date	Treatment	Powdery Mildew Severity
Fontelis®		
2/23/11	Fontelis® 1.0 pt/A	2%
3/3/11	Fontelis® 1.0 pt/A	
3/11/11	Fontelis® 1.0 pt/A	
3/16/11	Fontelis® 1.0 pt/A	
Data results from a research trail demonstrating the performance of Fontelis® for powdery mildew control. Apply Fontelis® according to label directions: max application rate 16 fluid ounce per acre and 67 fluid ounce per acre per year. No more than 2 sequential applications.		
Grower Standard		
2/23/11	Rally 5.0 oz/A	7%
3/3/11	Procure 8.0 oz/A	
3/11/11	Rally 5.0 oz/A	
	Procure 8.0 oz/A	
Untreated		80%



Gummy Stem Blight



Powdery Mildew



The miracles of science™

DuPont™ Fontelis® fungicide

DuPont™ Fontelis® Program Recommendation — Southeast

Crop, Crop Group	Target Diseases	Fontelis® Rate	Maximum Rate per Acre per Application	Maximum Product per Acre per Year	Last Application (Days to Harvest or PHI)	REI (Hours)	Comments
Cucurbit Vegetables Chayote (fruit); Chinese waxgourd (Chinese preserving melon); citron melon; cucumber (field and greenhouse); gherkin; gourd, edible (includes hyotan, cucuzza, hechima, Chinese okra); <i>Momordica</i> spp. (includes balsam apple, balsam pear, bittermelon, Chinese cucumber); muskmelon (includes true cantaloupe, cantaloupe, casaba, Santa Claus melon, crenshaw melon, honeydew melon, honey balls, Persian melon, golden pershaw melon, mango melon, pineapple melon, and snake melon); pumpkin; squash, summer (field and greenhouse); squash, winter (includes butternut squash, calabaza, hubbard squash, acorn squash, spaghetti squash); watermelon	Alternaria leaf spot and blight (<i>Alternaria</i> spp.) Gray mold (<i>Botrytis cinerea</i>) Gummy stem blight (<i>Didymella bryoniae</i>) Powdery mildew (<i>Sphaerotheca fuliginea</i> , <i>Erysiphe cichoracearum</i>)	12–16 fl oz/A	16 fl oz/A	67 fl oz/A	1	12	Begin applications prior to disease development and continue on a 5- to 14-day interval. Use higher rate and shorter interval when disease pressure is high.
	Sclerotinia stem rot (<i>Sclerotinia sclerotiorum</i>)	16 fl oz/A					

Make no more than 2 sequential applications of Fontelis® before switching to a fungicide with a different mode of action. For control of gummy stem blight where Group 7 fungicide resistance is suspected, tank mix Fontelis® with a minimum of 1.5 lb active chlorothalonil per acre.

Fontelis® fungicide contains mineral oil in the formulation. If tank mixing with oil sensitive products (for example, captan and sulfur) read and follow their label restrictions. Always follow the tank-mix instructions of the product label that is most restrictive. The crop safety of all tank mixtures with Fontelis® which may include physically compatible pesticides, fertilizers, adjuvants and/or additives, has not been tested.

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 (mrl database.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.

For more information

Contact your local DuPont retailer or representative to get the power and flexibility you need to realize the full potential for high-quality, high-yielding crops with DuPont™ Fontelis® fungicide. And visit us at 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. The DuPont Oval Logo, DuPont™, The miracles of science™, Fontelis® and SmoothTrade™ are trademarks or registered trademarks of DuPont or its affiliates. Rally is a registered trademark of Dow AgroSciences LLC. Pristine is a registered trademark of BASF SE. Procure is a registered trademark of Chemtura Corporation. Copyright © 2012-2014 E.I. du Pont de Nemours and Company. All Rights Reserved. 6/14 Reorder No.: K-28090 (Replaces K-25536-1)