



Realize the full potential of your walnuts.

DuPont™
Fontelis®
fungicide

Walnut Recommendations — California

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 realize high-quality, high-yielding walnuts.

Key benefits of Fontelis®

- Delivers broad-spectrum control of key diseases with a single active ingredient
- Provides pre- and post-infection activity
- Penetrates rapidly into plant tissues — rainfast within 1 hour
- Demonstrates effectiveness under heavy disease pressure
- May be used with adjuvants and is compatible with many commonly used fungicides, insecticides, liquid fertilizers and biological control products¹
- Offers the flexibility to rotate or tank mix with disease-control products for better resistance management

¹ Refer to individual labels for details.

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.

Diseases controlled by Fontelis®

Botryosphaeria blight

DuPont™ Fontelis® fungicide

Active ingredient name: Penthiopyrad

Chemical class: FRAC Group 7, *carboxamides*

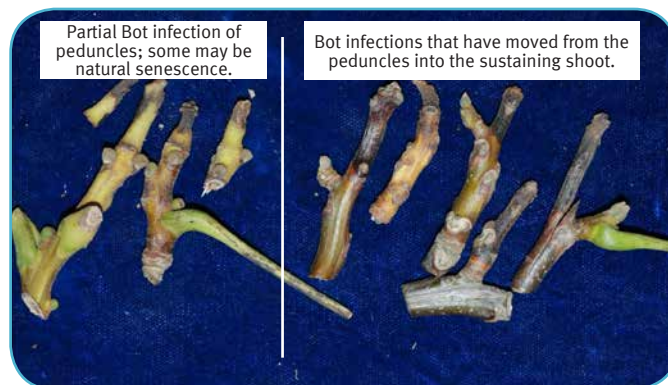
Formulation: 1.67 SC

Registered by EPA under its Reduced Risk Pesticide Program for most labeled crops² including walnuts

PHI: 14 days

Short REI: 12 hours

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

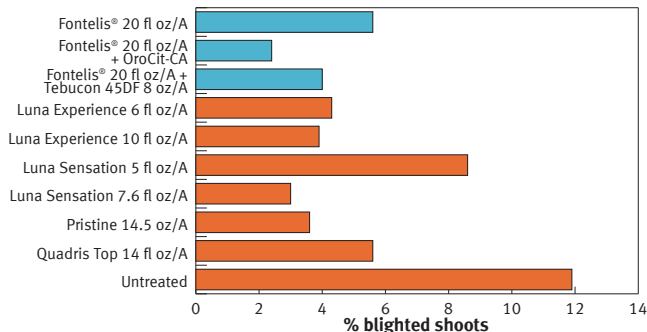


Botryosphaeria blight on husks

Photos by Themis Michailides

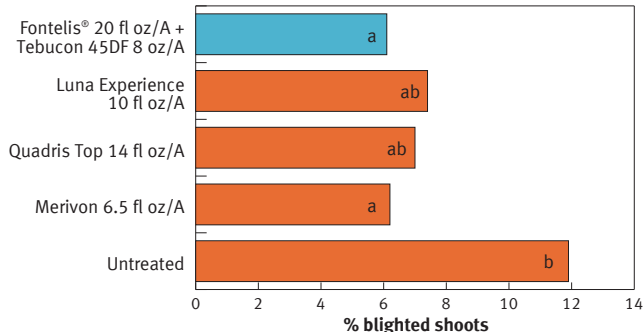
DuPont™ Fontelis® fungicide

Botryosphaeria Blight in Walnut – 2014 (Butte Co.)
Dr. Themis Michailides – Univ. of Calif. Kearney Ag. Center, Parlier, Calif.



WEM-14-706 Variety: Chandler NIS rate: 0.25% v/v OroCit-CA rate: 0.3% v/v
Application dates: May 8, June 12 and July 10, 2014. Evaluation date: Nov. 7, 2014 (120 DAT3)
All treatments included NIS except where OroCit was used.

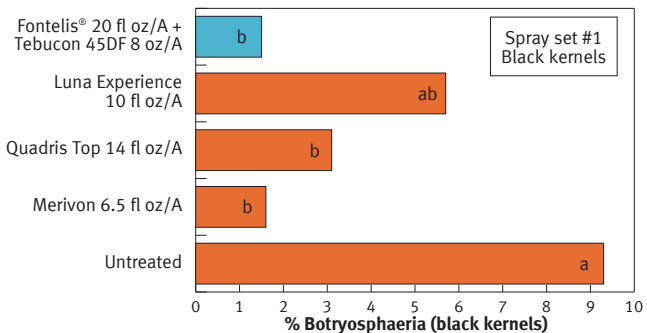
Botryosphaeria Blight in Walnut – 2014 (Colusa Co.)
J. Hasey – Univ. of Calif. Cooperative Extension



WEH-14-119 Variety: Chandler Plot Design: RCB Reps: 3 Airblast sprayer: 100 GPA
Application dates: May 16, June 15 and July 16, 2014. Evaluation date: Nov. 13, 2014 (120 DAT3)

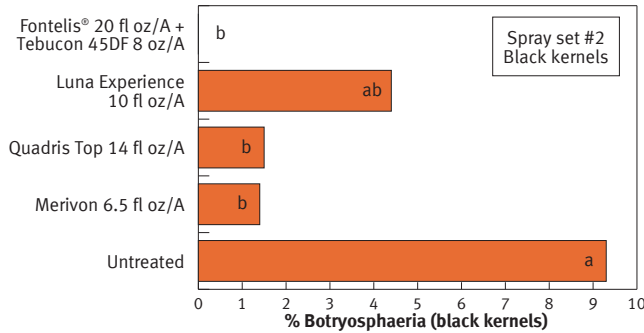
In the studies cited above, statistical analysis was performed on arcsine-transformed data. Values presented were back-transformed from the means for the arcsine-transformed data.

Botryosphaeria Blight in Walnut – 2014 (Colusa Co.)
J. Hasey – Univ. of Calif. Cooperative Extension



WEH-14-119 Variety: Chandler Plot Design: RCB Reps: 3 Airblast sprayer: 100 GPA
Application dates: May 16, June 16 and July 16, 2014. Evaluation date: Oct. 13, 2014 (89 DAT3)

Botryosphaeria Blight in Walnut – 2014 (Colusa Co.)
J. Hasey – Univ. Calif. Cooperative Extension



WEH-14-119 Variety: Chandler Plot Design: RCB Reps: 3 Airblast sprayer: 100 GPA
Application dates: May 16, June 16 and July 16, 2014. Evaluation date: Oct. 13, 2014 (89 DAT3)

DuPont™ Fontelis® Recommendations

Crop	Target Diseases	Fontelis® Rate	Maximum Rate per Acre per Application	Maximum Product per Acre per Year
Walnuts	Botryosphaeria blight	14–20 fl oz/A	20 fl oz	61 fl oz

Make no more than 2 sequential applications of Fontelis® before switching to a fungicide with a different mode of action.

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 Global MRL Database (globalmrl.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 walnuts 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.

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Luna® (Bayer); Merivon® and Pristine® (BASF SE); Quadris® (Syngenta); OroCit® (ORO AGRI).
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