



The miracles of science™

Realize the full potential of your edible beans.

DuPont™ Fontelis® fungicide

Lima Bean and Snap Bean Recommendations — Eastern

DuPont™ Fontelis® fungicide delivers broad-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 edible beans.

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
- Zero day preharvest interval
- Registered by EPA under its Reduced Risk Pesticide Program for most labeled crops*

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

Diseases controlled by Fontelis®

Sclerotinia rot, white mold

DuPont™ Fontelis® fungicide

Active ingredient name: Penthiopyrad

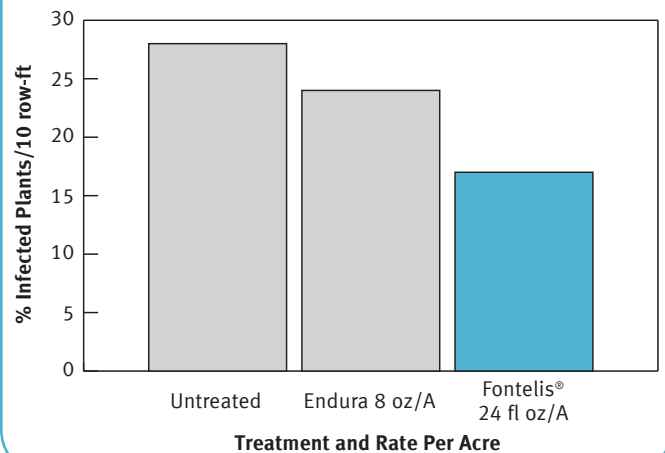
Chemical class: FRAC Group 7, *carboxamides*

Formulation: 20 SC

PHI: 0 days

REI: 12 hours

Fontelis® White Mold — Bean



Source: DuPont 2007 — MTE-07-560

Fontelis® Foliar Disease Control

| | MD (EAC-11-239) |
|----------------------|-----------------|
| | Snap Beans |
| Treatment | Ascochyta |
| | % Incidence |
| Fontelis® 1.5 pint/A | 4.3 a |
| Headline 6.0 fl oz/A | 5.5 a |
| Untreated | 9.5 b |



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DuPont™ Fontelis® Program Recommendation — Mid Atlantic

| Crop, Crop Group | Target Diseases | Fontelis® Rate | Comments |
|---|--|---------------------------------|---|
| Legume vegetables and foliage Subgroup 6A edible podded Bean (<i>Phaseolus</i> spp.) includes runner bean, snap bean, wax bean; bean (<i>Vigna</i> spp.) includes asparagus bean, Chinese longbean, moth bean, yardlong bean; jackbean; pea (<i>Pisum</i> spp.) includes dwarf pea, ediblepod pea, snow pea, sugar snap pea; pigeon pea; soybean (immature seed); sword bean Subgroup 6B succulent shelled Bean (<i>Phaseolus</i> spp.) includes lima bean (green); broad bean (succulent); bean (<i>Vigna</i> spp.) includes blackeyed pea, cowpea, southern pea; pea (<i>Pisum</i> spp.) includes English pea, garden pea, green pea; pigeon pea | Alternaria blight, leaf spot (<i>Alternaria</i> spp.) Angular leaf spot (<i>Phaeoisariopsis griseola</i>) Anthracnose (<i>Colletotrichum lindemuthianum</i>) Ascochyta blight, leaf spot (<i>Ascochyta</i> spp.) Cercospora leaf spot (<i>Cercospora</i> spp.) Gray mold (<i>Botrytis cinerea</i>) Powdery mildew (<i>Erysiphe</i> spp.) Rust (<i>Uromyces</i> spp., <i>Phakopsora pachyrhizi</i>) Septoria blotch (<i>Septoria</i> spp.) | 14–30 fl oz/A | 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. |
| | Sclerotinia rot, white mold (<i>Sclerotinia</i> spp.) | 16–30 fl oz/A | Make initial preventive application at beginning bloom and follow with 2nd application 7-10 days later at full bloom. |
| Snap bean | Soil-borne diseases Damping off, seedling rot (<i>Rhizoctonia solani</i>) | 1.2–1.6 fl oz/A/ 1000 row-ft | Make at-plant, pre-plant incorporated, in-furrow, transplant drench, or drip applications. Maximum rate per acre per application is 30 fl oz. See soil-borne disease section instruction. |

Make no more than 2 sequential applications of Fontelis® fungicide before switching to a fungicide with a different mode of action. Minimum time from application to harvest (PHI) is 0 days. Do not exceed 72 fl oz/A per year.

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.

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