

# Fontelis<sup>®</sup>



## FUNGICIDE

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GROUP	7	FUNGICIDE
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MAPP 20356 / PCS No 06241

A suspension concentrate containing 200 g/L penthiopyrad for disease control in apples and pears.

The (COSHH) Control of Substances Hazardous to Health Regulations may apply to the use of this product at work. (UK only)

**SHAKE WELL BEFORE USE  
PROTECT FROM FROST**

**Authorisation Holder:**

**Corteva Agriscience UK Limited**

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email: [ukhotline@corveva.com](mailto:ukhotline@corveva.com)

**24 Hour Emergency Telephone Number: 0161 884 1235 (GB)**

**or +353 76 680 5288 (Ireland)**

National Poisons Information Service: 111 (GB) or

01 809 2166 (Ireland)



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**MANDATORY REQUIREMENT:  
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(for 2D Data Matrix, Lot Nr.,  
Manufacturing Date ...)**

## SAFETY PRECAUTIONS

### Operator protection

Operators must wear suitable protective gloves when handling the concentrate or handling contaminated surfaces.

### Environmental protection

(UK only) To protect aquatic organisms, respect an unsprayed buffer zone distance to surface water bodies in line with LERAP requirements.

DO NOT ALLOW DIRECT SPRAY from broadcast air-assisted sprayers to fall within 40m of the top of the bank of a static or flowing water body, unless a Local Environment Risk Assessment for Pesticides (LERAP) permits a narrower buffer zone, or within 5 m of the top of a ditch which is dry at the time of application. Aim spray away from water.



This product qualifies for inclusion within the Local Environmental Risk Assessment for Pesticides (LERAP) Scheme. Before each spraying operation from a horizontal boom sprayer or broadcast air assisted sprayer either a LERAP must be carried out in accordance with CRD's published guidance or the statutory buffer zone must be maintained. The results of the LERAP must be recorded and kept available for inspection for three years.

Ireland only: To protect aquatic organisms respect an unsprayed buffer zone of 40m to surface water bodies.

### Storage and disposal

DO NOT RE-USE CONTAINER for any purpose. KEEP IN ORIGINAL CONTAINER, tightly closed, in a safe place.

THIS MATERIAL AND ITS CONTAINER must be disposed of in a safe way.

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# DIRECTIONS FOR USE

**IMPORTANT: This information is approved as part of the Product Label. All instructions within this section must be read carefully in order to obtain safe and successful use of this product.**

## Restrictions

- FONTELIS should not be applied to any crop suffering from stress as a result of drought, waterlogging, low temperatures, nutrient or lime deficiency or other factors reducing crop growth.
- Avoid application in either frosty or hot, sunny weather conditions.
- Up to 2 applications made by applied per season.

## Disease Control

FONTELIS contains penthiopyrad, a broad spectrum fungicide from the carboxamide group and controls a range of diseases in apples. Carboxamides are classified as succinate dehydrogenase inhibitors (SDHI) by the Fungicide Resistance Action Committee (FRAC). FONTELIS controls the following diseases:

- Scab
- Powdery Mildew (suppression)

Disease control is generally more effective if FONTELIS is applied as a protectant treatment or during the earliest stages of disease development.

## Dose

Apply FONTELIS at 0.75 L/ha.

## Crops

FONTELIS can be used on all varieties of apples and pears. Apply FONTELIS under good growing conditions with adequate soil moisture. Avoid poor growing conditions which may give less reliable results.

## Timing

Best results will be achieved from applications made as a protectant treatment or when conditions favour disease development. FONTELIS may be applied from BBCH 11 (first leaves unfolding) up to 21 days before harvest. Up to a maximum of 2 treatments may be made per season. If a second treatment is required, this may be applied after 7 days. Apply no more than 2 consecutive sprays of FONTELIS or other SDHI fungicides.

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(on the back of 2D code area  
printed on the front page)

## **Resistance**

FONTELIS contains penthiopyrad, a member of the SDHI cross resistance group of fungicides. The Fungicide Resistance Action Committee (FRAC) has assigned penthiopyrad to resistance group 7 (succinate dehydrogenase inhibitor).

FONTELIS should be used preventatively or at the early stage of disease development. Use FONTELIS as part of an Integrated Crop Management (ICM) strategy incorporating other methods of control, including where appropriate by alternating or mixing fungicides with a different mode of action. Disease control may be reduced if strains of pathogens less sensitive to penthiopyrad develop.

When fungicides with the same mode of action are used repeatedly over several years in the same field, naturally occurring less sensitive strains may survive, propagate and become dominant in that field. A pathogen is considered resistant to a fungicide if it survives a correctly applied treatment at a recommended dose and timing, under normal weather conditions.

For resistance management, the number of applications in apples of FONTELIS per season is limited to two. Users should refer to current FRAC guidelines for SDHI compounds and visit the FRAG-UK website.

## **Volume and Application**

Apply in 500-750 litres/ha of water using spraying equipment to give good even coverage of the crop. The higher volumes are recommended when the crop is dense. Where tree height and/or canopy density is reduced, the dose (and water volume) should be adjusted in accordance with an appropriate dose adjustment scheme, for example PACE. Consult your specialist advisor for further information.

## **Mixing**

Ensure that the sprayer is clean and correctly set to give an even application at the required volume. Half-fill the spray tank with clean water and start agitation. Shake the container and add the required amount of FONTELIS to the sprayer using a filling device (e.g. induction bowl or closed transfer unit) or by direct addition to the sprayer tank. Wash out containers thoroughly, preferably using an integrated pressure rinsing device, or manually rinse three times. Add washings to the sprayer at the time of filling. Complete filling to the required volume and continue to agitate throughout the spraying operation. Do not leave the spray liquid in the sprayer for long periods.

## **Spray Tank-Cleanout**

Immediately after application, completely drain spray equipment. Thoroughly rinse sprayer and flush the hoses, boom and nozzles with clean water. Loosen and physically remove visible deposits. Remove and clean nozzles, screens and filters. Flush the entire system with clean water. Take all necessary safety precautions when cleaning equipment. Do not clean near wells or water sources. Consult label tank cleanup procedures for all tank mix partners and be sure to use the most rigorous procedure recommended.

## **COMPANY ADVISORY INFORMATION**

The following information does not form part of the product label under the UK plant protection products regulations and provides additional advice on product use at the discretion of Corteva Agriscience.

## Trademark acknowledgements

Fontelis is a trademark of Corteva Agriscience and its affiliated companies.

All other brand names are trademarks of other manufacturers for which proprietary rights may exist.

## CORTEVA AGRISCIENCE CONDITIONS OF SUPPLY

All goods supplied by us are of high grade and we believe them to be suitable but, as we cannot exercise control over their storage, handling, mixing or use, or the weather conditions before, during or after application which may affect the performance of the goods, all conditions and warranties, statutory or otherwise, as to the quality or fitness for any purpose of our goods are excluded. No responsibility will be accepted by us or re-sellers for any failure in performance, damage or injury whatsoever arising from their storage, handling, application or use. These conditions cannot be varied by our staff or agents whether or not they supervise or assist in the use of such goods.

*All trademarks duly acknowledged.*

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**To access the Safety Data Sheet for this product scan the QR code or use the weblink below:**

**UK :**



<https://www.corteva.co.uk/content/dam/dpagco/corteva/eu/gb/en/files/sds/FONTELIS-SDS.pdf>

**Ireland :**



<https://www.corteva.ie/content/dam/dpagco/corteva/eu/ie/en/files/sds/FONTELIS-IRL-SDS.pdf>

**Alternatively contact your supplier**

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