



A suspension concentrate containing 68 g/l azoxystrobin and 233 g/l chlorothalonil

A fungicide for disease control in Wheat, Triticale, Rye and Barley

WARNING



- **Harmful if inhaled**
- **May cause an allergic skin reaction**
- **May cause respiratory irritation**



- **Suspected of causing cancer**
- **Very toxic to aquatic life with long lasting effects**



- Keep out of reach of children.
- Wash hands thoroughly after handling.
- Do not eat, drink or smoke when using this product.
- Avoid breathing spray.
- Wear protective gloves/protective clothing/eye protection/face protection.
- Avoid release to the environment.
- Dispose of contents/container as hazardous waste.

To avoid risks to human health and the environment, comply with the instructions for use.

Contains chlorothalonil. May cause an allergic reaction.

Contains 1,2-Benzisothiazolin-3-one. May cause an allergic reaction.

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

FOR 24 HOUR EMERGENCY INFORMATION TELEPHONE **01763 212 100**.

Registration Holder

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PERSEO is a registered trademark and product of OXON ITALIA SpA



Scan to view the Safety Data Sheet

Alternatively, download the Safety Data Sheet from sipcamuk.co.uk or contact your supplier.

sipcamuk.co.uk

FUNGICIDE

Net contents:

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IMPORTANT INFORMATION

FOR USE ONLY AS AN AGRICULTURAL FUNGICIDE

Crops	Maximum individual dose (product)	Maximum total dose per crop (product)	Latest time of application	Aquatic buffer zone distance (m)
Wheat, Triticale, Rye	3.0 l/ha	6.0 l/ha	Before watery ripe stage (BBCH 69)	6
Barley	3.0 l/ha	6.0 l/ha	Before flowering (BBCH 59)	6

Do not apply by hand held equipment

READ THE LABEL BEFORE USE. USING THIS PRODUCT IN A MANNER THAT IS INCONSISTENT WITH THE LABEL MAY BE AN OFFENCE. FOLLOW CODE OF PRACTICE FOR USING PLANT PROTECTION PRODUCTS

SAFETY PRECAUTIONS

Operator Protection

Engineering control of operator exposure must be used where reasonably practicable in addition to the following personal protective equipment.

WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS), SUITABLE PROTECTIVE GLOVES AND FACE PROTECTION (FACESHIELD) when handling the concentrate.

WEAR SUITABLE PROTECTIVE GLOVES when handling contaminated surfaces.

However, engineering controls may replace personal protective equipment if a COSHH assessment shows they afford an equal or higher standard of protection.

IF YOU FEEL UNWELL seek medical advice immediately (show the label where possible).

Do not breathe spray.

When using do not eat, drink or smoke

Environmental Protection

To protect aquatic organisms respect an unsprayed buffer zone to surface water bodies as specified for the crop. HORIZONTAL BOOM SPRAYERS MUST BE FITTED WITH THREE STAR DRIFT REDUCTION TECHNOLOGY. Low drift spraying equipment must be operated according to the specific conditions stated in the official three star rating for that equipment as published on HSE Chemicals Regulation Directorate's website. Maintain three star operating conditions until 30 m from the top of the bank of any surface water bodies.

DO NOT ALLOW DIRECT SPRAY from horizontal boom sprayers to fall within the distance specified for the crop to the top of the bank of a static or flowing water body, or within 1 m of the top of a ditch which is dry at the time of application. Aim spray away from water. NOTE: BUFFER ZONES OF MORE THAN 5 M CANNOT BE REDUCED UNDER THE LOCAL ENVIRONMENT RISK ASSESSMENT FOR PESTICIDES (LERAP) SCHEME.

The statutory buffer zone must be maintained and the distance recorded in Section A of the LERAP record form. The LERAP record form must be kept available for three years..

Spray must be aimed away from water.

Do not contaminate water with the product or its container. Do not clean application equipment near surface water. Avoid contamination via drains from farmyards and roads.

Storage and Disposal

- Keep out of the reach of children.
- Keep away from food, drink and animal feedingstuffs.
- Use appropriate containment to avoid environmental contamination.
- This material and its container must be disposed in a safe way.
- KEEP IN ORIGINAL CONTAINER tightly closed in a safe place.
- RINSE CONTAINER THOROUGHLY by using an integrated pressure rinsing device or manually rinsing three times. Add washings to sprayer at time of filling and dispose of safely.
- DO NOT RE-USE CONTAINER for any purpose.
- Protect from frost.

DIRECTIONS FOR USE

IMPORTANT

This information is authorised 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.

General information

PERSEO contains both strobilurin and phthalonitrile fungicide. It has systemic and preventative properties for the control of a wide range of diseases in wheat and barley.

No more than two applications of products containing QoI containing fungicides must be applied to any cereal crop.

Effectiveness using three star drift reduction technology may be reduced.

Resistance

PERSEO is a co-formulated mixture of the strobilurin azoxystrobin and chlorothalonil. The two active ingredients possess different modes of action thus form part of a resistance management strategy.

PERSEO contains a member of the QoI cross-resistance group. It should be used preventatively and should not be relied on for its curative potential. Control of many diseases may be improved by using PERSEO with an appropriate triazole mixture partner. This is also good practice for resistance management.

There is significant risk of widespread resistance occurring in *Septoria tritici* populations in the UK. Failure to follow resistance management action may result in reduced levels of disease control. Disease control may be reduced if strains of other pathogens less sensitive to PERSEO develop.

Users should refer to current FRAG-UK guidelines for QoI compounds.

DISEASES CONTROLLED

Wheat, Triticale and Rye

- Leaf Spot (*Septoria tritici*)
- Leaf Blotch, Glume Blotch (*Leptosphaeria* (syn. *Septoria*) *nodorum*)
- Yellow Rust (*Puccinia striiformis*)
- Brown Rust (*Puccinia recondita*)

Barley

- Leaf Blotch (*Rhynchosporium secalis*)

CROP SPECIFIC INFORMATION

Wheat, Triticale and Rye

- Apply PERSEO at 3.0 L/hectare in at least 300 litres of water per hectare. Apply as a MEDIUM quality spray as defined in the BCPC system.
- Maximum total dose per crop; 6.0 l/ha
- A minimum of 14 days must be observed between applications.
- The latest time of application is up to before watery ripe stage (GS 69.).

Barley

- Apply PERSEO at 3.0 L/hectare in at least 300 litres of water per hectare. Apply as a MEDIUM quality spray as defined in the BCPC system.
- Maximum total dose per crop; 6.0 l/ha.
- A minimum of 14 days must be observed between applications.
- The latest time of application is up to before flowering (GS 59.)

FOLLOWING CROPS

There are no restrictions on following crops.

MIXING AND SPRAYING

Shake well before use. Half fill the spray tank with clean water and add the required quantity of PERSEO while maintaining constant agitation. Add the remaining water and continue agitation during spray application.

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.

Thoroughly wash out sprayer according to manufacturer's guidelines and dispose of washings and clean containers

according to DEFRA Code of Practice and local water authority guidelines.

Do not leave in spray tank for long periods.

Certain apple varieties are highly sensitive to azoxystrobin. As a precaution PERSEO should not be applied when there is a risk of spray drift onto neighbouring apple crops. Spray equipment used to apply PERSEO to other crops should not be used to treat apples.

SIPCAM UK LTD CONDITIONS OF SUPPLY

We accept responsibility for this product meeting the declared specification and also for our written directions for use and warnings. Users however should be aware that no responsibility can be accepted for use which disregards our written instructions, including directions, warnings and precautions, nor for any advice given by any person whether verbal or written, about storage, mixing and application, or about any use which is not strictly in accordance with our written instructions.