

PREPPER®

MAPP 21416

GROUP 12 FUNGICIDE

A flowable concentrate containing 25 g/l (2.36 % w/w) fludioxonil for use as a fungicide for seed treatment to control seed-borne diseases on winter and spring crops of wheat, barley, oats, rye, triticale, peas, beans and also soil-borne bunt.

PREPPER

A flowable concentrate for seed treatment containing 25 g/L (2.36% w/w) fludioxonil.

UFI: MQ00-6029-C00N-49GK

DANGER

H317 MAY CAUSE AN ALLERGIC SKIN REACTION.
H318 CAUSES SERIOUS EYE DAMAGE.
H411 TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS.

P280: Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310: Immediately call a POISON CENTRE or doctor/physician.

P391: Collect spillage.

P501: Dispose of contents/container to a licensed hazardous waste disposal contractor or collection site except for empty, clean containers which can be disposed of as non-hazardous waste.

EUH 401: To avoid risks to human health and the environment, comply with the instructions for use.



SEED TREATMENT

F

Net content

20L

**READ CAREFULLY
BEFORE USE**

PROTECT FROM FROST

Production date /
Batch number:
see packaging

For advice on medical emergencies, fires, spillages or chemical hazards ONLY – phone Carechem 24 EU: 01235 239670

For technical and non-emergency calls phone 0845 373 0305


Globachem
Your Crop Counts

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IMPORTANT INFORMATION

FOR USE ONLY AS A PROFESSIONAL SEED TREATMENT

Crops	Maximum individual dose (L product/tonne seed)	Maximum number of applications	Latest time of application
Wheat (winter/spring)	2	One per batch	Before drilling
Triticale (winter/spring)	2	One per batch	Before drilling
Barley (winter/spring)	2	One per batch	Before drilling
Rye (winter/spring)	2	One per batch	Before drilling
Oats	2	One per batch	Before drilling
Combining pea, vining pea, edible podded pea	4	One per batch	Before drilling
Beans without pods-dry, beans without pods- fresh, dwarf French bean, runner bean	4	One per batch	Before drilling

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

THE (COSHH) CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS MAY APPLY TO THE USE OF THIS PRODUCT AT WORK.

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, handling contaminated surfaces, or handling treated seed.

WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS) when bagging treated seed.

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

WASH HANDS AND EXPOSED SKIN before meals and after work.

Environmental Protection

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.

TREATED SEED MUST NOT BE USED as food or feed.

DO NOT APPLY TREATED SEED FROM THE AIR.

DO NOT RE-USE SACKS OR CONTAINERS THAT HAVE CONTAINED TREATED SEED for food or feed.

LABEL TREATED SEED with the appropriate precautions using printed sacks, labels or bag tags supplied.

Storage and Disposal

EMPTY CONTAINER COMPLETELY and dispose of safely.

KEEP IN ORIGINAL CONTAINER tightly closed in a safe place.

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.

GENERAL INFORMATION

PREPPER is well tolerated over a wide range of sowing dates and conditions. However, under adverse environmental or soil conditions, the germination capacity of seed may be reduced and therefore seed rates should be increased in accordance with good agricultural practice.

PREPPER is effective against benzimidazole resistant and sensitive forms of *Microdochium nivale*.

DISEASES CONTROLLED

Winter and Spring Wheat

PREPPER controls *Microdochium nivale*, *Fusarium culmorum* and *Septoria nodorum* resulting in reductions of seedling blight, stem base browning, snow mould and *Septoria* seedling blight and controls seed-borne and soil-borne common bunt (*Tilletia caries*).

Winter and Spring Barley

PREPPER controls *Microdochium nivale* and *Fusarium culmorum* resulting in reductions of seedling blight, stem-base browning and snow mould.

PREPPER controls covered smut (*Ustilago hordei*) and gives partial control of leaf stripe (*Pyrenophora graminea*). In crops grown for seed the control of leaf stripe may not be sufficient to prevent higher levels of leaf stripe being seen in daughter crops.

Winter and Spring Oats

PREPPER controls *Microdochium nivale* and *Fusarium culmorum* resulting in reductions of seedling blight and stem-base browning. In crops grown for seed the control of *Pyrenophora* leaf spot (*Pyrenophora avenae*) may not be sufficient to prevent higher levels of *Pyrenophora* leaf spot being seen in daughter crops.

Rye and Triticale

PREPPER controls *Microdochium nivale* and *Fusarium culmorum* resulting in reductions of seedling blight and stem-base browning in Rye and Triticale.

PREPPER also controls striped smut (*Urocystis occulta*) in Rye and *Septoria nodorum* in Triticale.

Peas (fresh, vining, dry and combining)

PREPPER gives reduction of *Fusarium* spp on peas.

Qualified recommendation: limited data has shown reduction of *Ascochyta pisi* on peas.

Beans (fresh, vining, dry and combining)

PREPPER gives moderate control of *Fusarium* spp on beans.

CROP SPECIFIC INFORMATION

Crops

PREPPER is recommended as a seed treatment for use on winter and spring crops of wheat, barley, oats, rye, triticale, peas and beans.

Timing

Before drilling.

Rates of Use

Cereals: 2.0 litres PREPPER per tonne of seed diluted in 2-8 litres water per tonne of seed.

Peas and Beans: 4.0 litres PREPPER per tonne of seed diluted in 2-8 litres water per tonne of seed.

APPLICATION

PREPPER should be applied directly to the seed using conventional seed treatment equipment. Continuous flow treaters should be calibrated using PREPPER before use.

Do not apply PREPPER to cracked, split or sprouted seed.

STORAGE AFTER TREATMENT

Ensure seed is of a satisfactory moisture content before storage. Keep in a dry place correctly labelled.

Sowing treated seed that has been stored for prolonged periods (beyond the season of treatment) may adversely affect effectiveness and/or crop safety.

DRILLING

Seed treated with PREPPER may affect the flow rate of seed through drills. It is therefore important to check the calibration of the drill with PREPPER treated seed before drilling commences.

SEED BAG LABEL

This seed has been chemically treated with PREPPER (MAPP 21416), contains 25 g/L fludioxonil

Controls seed-borne diseases on winter and spring crops of wheat, barley, oats, rye, triticale, peas, beans and also soil-borne bunt.

In crops grown for seed the control of leaf stripe in barley and *Pyrenophora* leaf spot in oats may not be sufficient to prevent higher levels of leaf stripe being seen in daughter crops.

PRECAUTIONS

WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS), SUITABLE PROTECTIVE GLOVES AND FACE PROTECTION (FACESHIELD) when handling the concentrate, handling contaminated surfaces or handling treated seed.

WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS) when bagging treated seed.
DO NOT HANDLE seed unnecessarily.
DO NOT USE TREATED SEED as food or feed.
DO NOT RE-USE SACKS OR CONTAINERS THAT HAVE BEEN USED FOR TREATED SEED for food or feed.

KEEP TREATED SEED SECURE from people, domestic stock/pets and wildlife at all times during storage and use.
HARMFUL TO AQUATIC ORGANISMS. DO NOT CONTAMINATE SURFACE WATERS OR DITCHES WITH CHEMICAL OR USED CONTAINER.
WASH HANDS AND EXPOSED SKIN before meals and after work.
BURY OR REMOVE SPILLAGES.
DO NOT APPLY TREATED SEED FROM THE AIR.

CAUTION

PREPPER may reduce the flow rate of seed in a seed drill. Recalibrate drill with PREPPER treated seed before drilling.

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

WEBLINK to specific data sheet on manufacturer's website:



https://certisbelchim.co.uk/pdf/MSDS/Prepper_MSDS.pdf

Alternatively, contact your supplier.

CONDITIONS OF SUPPLY: The Seller warrants that the goods shall at the time of delivery to the Buyer conform to the Seller's standard specification but all other conditions and warranties, whether express or implied by statute or custom of the trade or otherwise and whether as to condition, quality, performance, merchantability, fitness for any purpose or otherwise, are expressly excluded and, subject as aforesaid, the Seller shall be under no liability whatsoever, in contract or in tort, for or in respect of any loss or damage whatsoever resulting from or arising out of the goods or supply or use thereof, whether caused by the negligence of the Seller or otherwise. The Seller shall be under no liability in respect of the warranty given above unless the Buyer allows the Seller reasonable opportunity of inspecting the goods where practicable. A consumers statutory rights are not affected.

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