



Raxil[®] star

25 L

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Fungicide

Seed treatment for control of the principal seed-borne diseases in winter barley.

MAPP 17805

A flowable concentrate formulation for seed treatment containing 20 g/L fluopyram (1.8% w/w) 100 g/L (8.9% w/w) prothioconazole and 60 g/L (5.4% w/w) tebuconazole

For Professional use only

This container must be handled with the assistance of mechanical means.

Authorisation Holder:

Bayer CropScience Limited
230 Cambridge Science Park,
Milton Road, Cambridge CB4 0WB
Telephone: 01223 226500

For 24 hour emergency information contact Bayer CropScience Limited
Telephone: 00800 1020 3333

SAFETY PRECAUTIONS

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

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) AND SUITABLE PROTECTIVE GLOVES when handling the concentrate, handling contaminated surfaces or handling treated seed.

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

WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS, COVERALLS WORN BENEATH A SECOND, DISPOSABLE COVERALL), AND SUITABLE PROTECTIVE GLOVES when cleaning machinery.

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

WHEN USING DO NOT EAT, DRINK OR SMOKE.

WASH HANDS AND EXPOSED SKIN after cleaning or re-calibrating equipment.

WASH HANDS AND EXPOSED SKIN before eating and drinking and after work.

Environmental Protection

Do not contaminate water with the product or its container, do not clean application equipment near the surface water. Avoid contamination via drains from farmyards and roads. DO NOT APPLY TREATED SEED FROM THE AIR.

Storage and Disposal

KEEP IN ORIGINAL CONTAINER tightly closed in a safe place. DO NOT RE-USE TREATED SEED as food or feed. OPEN THE CONTAINER ONLY AS DIRECTED. DO NOT RINSE OUT CONTAINER. Returnable containers must not be re-used for any other purposes. Returnable containers must be returned to the supplier. Treated seed must not be used for food or feed. Sacks containing treated seed must not be re-used for food or feed.

SEED LABEL

PRECAUTIONS for treated seed

WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS) AND SUITABLE PROTECTIVE GLOVES when handling treated seed. DO NOT HANDLE seed unnecessarily. DO NOT USE TREATED SEED as food or feed. KEEP TREATED SEED SECURE from people, domestic stock/pets and wildlife at all times during storage and use. HARMFUL TO GAME AND WILDLIFE. Treated seed should not be left on the soil surface, bury or remove spillages. DO NOT RE-USE SACKS OR CONTAINERS THAT HAVE BEEN USED FOR TREATED SEED for food or feed. WASH HANDS AND EXPOSED SKIN before meals and after work. DO NOT APPLY TREATED SEED FROM THE AIR.

Treated seed must not be sown between 1 February and 31 August.

Treated seed must not be broadcast.

Seed should be drilled to a depth of 40 mm into a well prepared and firm seedbed. If seed is present on the soil surface, or spills have occurred, then, if conditions are appropriate, the field should be harrowed then rolled to ensure good incorporation.

Safety information

RAXIL STAR

Contains 20 g/L (1.8%w/w) fluopyram, 100 g/L (8.9% w/w) prothioconazole and 60 g/L (5.4% w/w) tebuconazole.



Warning

Suspected of damaging the unborn child. Very toxic to aquatic life with long lasting effects.

Wear protective gloves/protective clothing/eye protection/face protection. IF exposed or concerned: Get medical advice/attention. Collect spillage. Dispose of contents/container to returnable container supplier.

Contains 1,2-benzisothiazolin-3-one, reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one (3:1), 2-[2-(1-chlorocyclopropyl)-2-hydroxy-3-phenylpropyl]-2,4-dihydro-3H-1,2,4-triazole-3-thione. May produce an allergic reaction.

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

MAPP 17805



raxilstarsds

To access the **Safety Data Sheet** for this product scan the code or use the link below:
www.cropscience.bayer.co.uk/raxilstarsds
or alternatively contact your supplier

IMPORTANT INFORMATION FOR USE ONLY AS AN AGRICULTURAL SEED TREATMENT

Crops:	Barley (winter, seed)
Maximum individual dose:	50 ml of product per 100 kg of seed
Maximum number of treatments:	One per batch
Latest time of application:	Before drilling

Treated seed must not be sown between 1 February and 31 August.

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.

PROTECT FROM FROST

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. Raxil Star is a mixture of fluopyram (a SDH inhibitor) and prothioconazole and tebuconazole which are DMI's.

CROPS

Raxil Star may be used on all varieties of winter barley.

DISEASES CONTROLLED

Fusarium seedling blight / stem base browning

Raxil Star improves crop establishment and the health of stem bases by reducing the symptoms of seedling blight and stem based browning caused by *Microdochium nivale*.

Loose smut

Raxil Star controls loose smut caused by *Ustilago nuda* fsp. *hordei*.

Covered smut

Raxil Star controls covered smut caused by *Ustilago hordei* (covered smut is rare in the UK).

Leaf stripe

Raxil Star controls leaf stripe caused by *Pyrenophora graminea*.

Seed borne net blotch

Raxil Star gives control of net blotch caused by seed-borne infections of *Pyrenophora teres*.

RATE OF USE

50 ml of Raxil Star per 100 kg of seed (0.5 litres per tonne seed).

APPLICATION

Raxil Star must only be used in conjunction with Bayer approved seed treatment application equipment by following the procedures given in the operating instructions. ALWAYS follow the operating instructions. Ensure that Raxil Star is homogeneous before use. The product should be fully re-dispersed using a recirculating pump for a minimum of 30 minutes. For further advice on re-dispersing Raxil Star please contact the local Seed Treatment Engineer of Bayer CropScience Limited.

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Warning: Containers of greater than 20 litres capacity should be handled only with mechanical assistance.

Raxil Star should be evenly applied using a Bayer recommended seed treatment machine, which has been accurately calibrated to obtain the correct dose rate.

The simultaneous application of Raxil Star with a small volume of water (1.5–3.0 L/tonne seed) may improve evenness of coverage of treated seed, depending on the type of seed treater used and processing conditions.

For further details please contact the local Seed Treatment Engineer of Bayer CropScience Limited.

After use the product application equipment should be thoroughly cleaned using clean water.

SEED QUALITY

Raxil Star seed treatment should not be used on seed with more than 16% moisture content, or on sprouted, cracked, skinned or otherwise damaged seed.

All seed batches should be tested to ensure they are viable and suitable for treatment with Raxil Star.

LABELLING OF TREATED SEED

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

STORAGE OF TREATED SEED

Seed treated with Raxil Star must be drilled within 7 months of the treatment application and within the season of treatment.

The subsequent germination and performance of such seed may be adversely affected by physical storage conditions. No liability can therefore be accepted for the performance of stored, treated seed.

DRILLING OF TREATED SEED

It is essential to check drill calibration before use, and again for each seed lot drilled to ensure an accurate seed rate. Raxil Star treated seed should be drilled at 4 cm (1.5") depth into a well prepared and firm seedbed providing optimal conditions for crop emergence and establishment.

Adverse seedbed conditions such as very dry, fluffy, cloddy or capped seedbeds, waterlogging, drilling too deep or too shallow, the use of seed with low germination capacity/vigour and residual herbicides, can reduce the field emergence of cereals. This may be accentuated by Raxil Star.

FOLLOW-UP SPRAY TREATMENTS

Fungal diseases of aerial plant parts

To give protection against air-borne and splash-borne diseases later in the season appropriate follow-up fungicide sprays should be used.

CAUTION: The possible development of disease strains resistant to Raxil Star cannot be excluded or predicted. If such resistant strains occur, Raxil Star is unlikely to give satisfactory control.

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