

# GOLEO® FUNGICIDE

GROUP 7 FUNGICIDE

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For the control of certain diseases in a variety of cereal crops. See detailed label text for specific crop information.

WHEAT / BARLEY  
DURUM WHEAT / RYE / TRITICALE  
OATS

PCS No. 07564

62.5 g/L fluxapyroxad  
Emulsifiable Concentrate (EC)

5L

NET CONTENT:

lifescientific®  
FIRST TO MARKET

FOR USE ONLY AS A PROFESSIONAL FUNGICIDE

#### Risk and Safety Information

#### Warning

Causes serious eye irritation.

Harmful if inhaled.

May cause harm to breast-fed children.

Toxic to aquatic life with long lasting effects.

Keep out of the reach of children.

Obtain special instructions before use.

Do not breathe dust/fume/gas/mist/vapours/spray.

Avoid contact during pregnancy and while nursing.

IF exposed or concerned: Get medical advice/attention.

Collect spillage.

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

Contains propanoic acid, 2-hydroxy-, 2-ethylhexyl ester, (2S)-. May cause an allergic reaction.

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

PCS No. 07564

UFI CODE: 1DH0-EAQ2-V40S-1Q90

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**GOLEO® – PCS No. 07564****Contains FLUXAPYROXAD 62.5 g/L (6% w/w) as an emulsifiable concentrate formulation (EC).****GOLEO® is a fungicide for selective use in winter wheat, spring wheat, durum wheat, winter barley, spring barley, rye, triticale and oat crops.**

PEEL BACK FOR DIRECTIONS FOR USE LEAFLET

**Important Information  
FOR USE ONLY AS A PROFESSIONAL FUNGICIDE**

Crops	Maximum individual dose (L product per hectare)	Maximum number of treatments	Maximum total dose (L product per hectare)	Latest time of application
Wheat (winter and spring, durum)	2.0 L/ha	2	4.0 L/ha	Crop BBCH 71 (before grain watery ripe stage)
Triticale, rye	2.0 L/ha	2	4.0 L/ha	Crop BBCH 71 (before grain watery ripe stage)
Barley (winter and spring)	2.0 L/ha	2	4.0 L/ha	Crop BBCH 71 (before grain watery ripe stage)
Oats	2.0 L/ha	2	4.0 L/ha	Crop BBCH 71 (before grain watery ripe stage)
<b>Other specific restrictions</b>				
A maximum of two foliar applications of products containing SDHI fungicides can be made to any single cereal crop. Always apply SDHI fungicides in mixtures.				
The mixture partner should provide satisfactory control of the target disease when used alone, and must have a different mode of action.				
<b>READ ALL PRECAUTIONS BEFORE USE</b>				

**APPROVAL HOLDER AND MARKETING COMPANY:** Life Scientific Limited, Block 4, Belfield Office Park, Beech Hill Road, Dublin 4, Ireland. Tel: +353 2832024**IN CASE OF EMERGENCY:** In the event of emergency, call the National Poisons Information Centre, Beaumont Hospital at 01 809 2166 or 01 837 9964TEL. NPIC +353 (1) 809 2166 (8.00 A.M. TO 10.00 P.M.- PUBLIC)  
TEL. NPIC +353 (1) 809 2566 (HEALTHCARE PROFESSIONALS)**PROTECT FROM FROST****SHAKE WELL BEFORE USE**

Production date / Batch number: see packaging



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## 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) AND SUITABLE PROTECTIVE GLOVES when handling the product and contaminated surfaces.

WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS) during application.

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

WHEN USING DO NOT EAT, DRINK OR SMOKE.

Do not apply by knapsack sprayer/hand-held equipment.

IF SWALLOWED, seek medical advice immediately (show label where possible).

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 surface water. Avoid contamination via drains from farmyards and roads).

Use appropriate containment to avoid environmental contamination.

### Storage and disposal

KEEP OUT OF REACH OF CHILDREN.

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS.

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 container safely.

This material (and its container) must be disposed of in a safe way.

Do not reuse container for any other purpose.

PROTECT FROM FROST.

### Resistance strategy

GOLEO® contains an active substance in the Fungicide Resistance Action Committee mode of action Group 7; it is an SDHI fungicide.

Resistance against this type of chemistry is known for several fungal species in field populations and lab mutants. A resistance management strategy is required.

Fungicide resistance in septoria to some fungicides with this mode of action has been observed in the UK. Repeated applications of products with this mode of action should not be used against medium risk pathogens such as septoria.

Follow the FRAC SDHI fungicide resistance management guidelines:

• Apply SDHI fungicides always in mixtures.

• The mixture partner should provide satisfactory disease control when used alone on the target disease and must have a different mode of action.

• Apply a maximum of 2 SDHI fungicide-containing sprays per cereal crop.

• Apply the SDHI fungicide preventatively or as early as possible in the disease cycle. Do not rely only on the curative potential of SDHI fungicides.

• Strongly reduced rate programmes including multiple applications must not be used. Refer to manufacturers' recommendations for rates.

### Restrictions:

Ensure the sprayer is free from residues from previous applications.

## FOLLOWING CROPS

After application of GOLEO® the crops listed below may be planted at their normal planting dates.

Following Crop	
Beans (dwarf, field, soya)	Maize
Cabbage	Oilseed rape
Carrots	Onions
Cereals (all types of wheat, barley, oats, triticale and rye)	Peas
Chicory	Potatoes
Clover	Radishes
Fodder beet	Ryegrass
Grass	Spinach
Leeks	Sugar beet
Lettuce	Sunflower
Linseed	

## 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.**

GOLEO® is a selective protective and systemic fungicide. Up to two applications may be made to any individual crop, as part of a planned disease control programme.

### Application

For all crops, apply GOLEO® as soon as disease is observed.

### Diseases Controlled

The following diseases are susceptible to GOLEO®. The susceptibility ratings in the following table refer to good spray cover and good growing conditions, with suitable application timings.

Disease controlled	Common name	Crops	Control level achieved
<i>Puccinia recondita</i>	Brown rust	Winter wheat, spring wheat, durum wheat, winter barley, spring barley, rye, triticale	Control
<i>Puccinia coronata</i>	Crown rust	Oats	Control
<i>Pyrenophora teres</i>	Net blotch	Winter barley, spring barley	Control
<i>Blumeria graminis</i>	Powdery mildew	Winter wheat, spring wheat, durum wheat, winter barley, oats, rye, triticale	Reduction
<i>Rhynchosporium secalis</i>	Rhynchosporium	Winter barley, spring barley, rye	Control
<i>Zymoseptoria tritici</i>	Septoria leaf blotch	Winter wheat, spring wheat, durum wheat, triticale	Control
<i>Pyrenophora tritici-repentis</i>	Tan spot	Winter wheat, spring wheat, durum wheat	Reduction
<i>Puccinia striiformis</i>	Yellow rust	Winter wheat, spring wheat, durum wheat, winter barley, spring barley, rye, triticale	Moderate control

Control of some diseases may be enhanced by the use of suitable spray programmes and mixtures.

## **PREPARATION OF THE SPRAY SOLUTION AND APPLICATION**

GOLEO® is not to be applied through backpack or hand-held sprayers.

Shake the container before use.

Half-fill the spray tank with clean water, add the necessary amount of GOLEO® and agitate while filling the tank.

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 container safely.

Do not leave spray solution in the tank overnight.

Good spray solution is necessary for effective control.

Apply at medium spray quality, through properly-calibrated equipment.

### **Water volume**

Apply GOLEO® in 150-300 L/ha of water. Applications may be made at 100 L/ha, although the efficacy at this rate has not been tested.

### **COMPATIBILITY**

GOLEO® is a fully-optimised formulation; no additional surfactant is required.

Please contact your distributor for further information regarding tank-mix partners.

### **SPRAY TANK CLEANING**

Wash all equipment immediately after use, using clean water and a suitable cleaning agent, according to the manufacturer's instructions.

### **CONDITIONS OF SUPPLY**

All goods supplied by the company are of good quality and we believe them to be fit for purpose. However, 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, and 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.