

GROUP 3 | 7 FUNGICIDE

DRAKIX®

FUNGICIDE

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For the control of certain diseases in oilseed rape crops. See detailed label text for specific crop approval information.

OILSEED RAPE

MAPP 21553

**125 g/L fluopyram
125 g/L prothioconazole
Suspo-Emulsion (SE)**

NET CONTENT:

5L

170780623804 V1



**FOR USE ONLY AS
A PROFESSIONAL FUNGICIDE**

lifescientific 
FIRST TO MARKET

DRAKIX® – MAPP 21553

DRAKIX® is a fungicide for selective use in oilseed rape crops.

Contains FLUOPYRAM + PROTHIOCONAZOLE 125 + 125 g/L formulated as a suspo-emulsion formulation (SE).

WARNING



Very toxic to aquatic life with long lasting effects.

Keep out of the reach of children.

Wear protective gloves/protective clothing/eye protection/face protection.

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 1,2-Benzisothiazolin-3-one and 2-[2-(1-chlorocyclopropyl)-2-hydroxy-3-phenylpropyl]-2,4-dihydro-3H-1,2,4-triazole-3-thione. May cause an allergic reaction.

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

IMPORTANT INFORMATION - FOR USE ONLY AS A PROFESSIONAL FUNGICIDE

Crops :	Maximum individual dose:	Maximum total dose:	Latest time of application:
Oilseed rape	1.0 L/ha	2.0 L/ha	56 days before harvest
Other specific restrictions: An aquatic buffer zone of 5m must be respected. A minimum interval of 14 days must be observed between applications.			
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 PLANT PROTECTION PRODUCTS.			

APPROVAL HOLDER AND MARKETING COMPANY:

Life Scientific Ltd,
Block 4, Belfield Office Park, Beech Hill Road,
Dublin 4, Ireland.
Tel: +353 1 2832024

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

FOR 24 HOUR EMERGENCY INFORMATION CONTACT NHS 111



PROTECT FROM FROST

SHAKE WELL BEFORE USE

Production date / Batch number: see packaging

170780623805_V1

PEEL BACK FOR DIRECTIONS FOR USE LEAFLET

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 concentrate, handling contaminated surfaces or applying the product.

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

WHEN USING DO NOT EAT DRINK OR SMOKE.

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

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

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.

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

DO NOT ALLOW DIRECT SPRAY from horizontal boom sprayers to fall within 5 metres 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 1 metre from 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 Environment Risk Assessment for Pesticides (LERAP) scheme. Before each spraying operation from a horizontal boom 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 three years.

Storage and disposal

KEEP OUT OF REACH OF CHILDREN.

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS.

Protect from frost.

KEEP IN ORIGINAL CONTAINER, tightly closed, in a safe place.

WASH OUT CONTAINER THOROUGHLY, empty washings into spray tank 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.

Store in a safe, dry, frost-free place designated as an agrochemical store.

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.

Resistance strategy

DRAKIX® contains active substances which are in the Fungicide Resistance Action Committee mode of action Groups 3 and 7; it includes fluopyram (pyridinyl-ethylbenzamides, a SDHI fungicide) and prothioconazole (triazolinthiones, a DMI fungicide).

DRAKIX® as a co-formulated mixture, combines two active ingredients with different modes of action, which helps prevent the buildup of resistance.

Resistance to these types of chemistry is known for several fungal species in field populations and lab mutants. A resistance management strategy is required.

Powdery mildew and Light Leaf Spot are regarded as being of medium risk of the development of resistance. Although Sclerotinia and Phoma are regarded as being of low risk of the development of resistance, repeated applications of products with these modes of action should be avoided.

Strains of light leaf spot resistant to azole fungicides are known to exist. To avoid development of resistance, apply product protectively in response to disease forecasts. Where possible, when light leaf spot is present, avoid the use of azole-based fungicides when targeting other diseases such as Sclerotinia at mid flowering.

Follow the FRAC SDHI fungicide resistance management guidelines to help to reduce the onset of resistance:

- Apply SDHI fungicide-based products at effective rates and intervals according to manufacturers' recommendations.
- SDHI fungicide should be used preventively or at early stages of disease development, in response to disease forecasts.

For further advice on resistance management in oilseed rape contact your agronomist, or specialist advisor, and visit the FRAG-UK website.

Restrictions:

Ensure the sprayer is free from residues from previous applications.

For professional use only.

Avoid spray drift on to neighbouring crops and field margins.

After spraying, wash out sprayer thoroughly according to manufacturer's guideline and dispose of washings and clean container according to DEFRA Code of Practice and local authority guidelines.

DRAKIX® is a selective protectant and systemic fungicide, mixture of a carboxamide and Triazolinthione, that controls Light Leaf Spot, Powdery Mildew, Sclerotinia stem rot and Phoma leaf spot/stem canker in oilseed rape.

CROPS

DRAKIX® may be used on all commercial varieties of oilseed rape.

RATE OF USE

Apply DRAKIX® at 1.0 litre per hectare. (The maximum total dose per crop is: 2.0 litres per hectare).

DISEASES CONTROLLED

The following diseases are susceptible to DRAKIX®. The susceptibility rating in the following table refers to good spray cover and good growing conditions, with suitable application timings.

Disease controlled	Disease common name	Crops	Control level achieved
<i>Pyrenopeziza brassicae</i>	Light Leaf Spot	Winter oilseed rape*	Control
<i>Plenodomus lingam</i> / <i>Plenodomus biglobosa</i>	Phoma Leaf Spot	Winter oilseed rape*	Moderate Control
<i>Plenodomus lingam</i> / <i>Plenodomus biglobosa</i>	Phoma Stem Canker	Winter oilseed rape*	Moderate Control
<i>Sclerotinia sclerotiorum</i>	Sclerotinia stem rot	Winter oilseed rape*	Control
<i>Erysiphe cruciferarum</i>	Powdery mildew	Winter oilseed rape*	Control

*Limited evidence suggests that the product can be used on varieties of spring oilseed rape, but crop safety has not been fully established.

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

Application timings

Application timings to oilseed rape vary depending on the target disease and pressure (incidence and severity of the infection): one application may be made in the autumn followed by a second in the spring/summer, or alternatively two applications may be made in the spring/summer.

Disease	Crops	Optimum application timing
Light Leaf Spot	Winter oilseed rape	Apply protectively from late October to early December (autumn/winter), after first 2 leaves unfolded *
Phoma Leaf Spot/ Stem Canker	Winter oilseed rape	Apply in autumn at the first sign of disease, after first 2 leaves unfolded**
Sclerotinia stem rot	Winter oilseed rape	Apply at early to full flowering. ***
Powdery mildew	Winter oilseed rape	Apply in autumn at the first sign of disease after first 2 leaves unfolded, or in spring at early to mid-flowering.

*Depending on disease development, control of Light Leaf Spot may require a follow-up spray in early spring from the onset of stem elongation.

**If symptoms of Phoma are recurring in late autumn/early winter, a repeated application with another effective product may be needed.

***Control of Sclerotinia stem rot requires application at early to full flowering at or just before petal fall. At this point no disease symptoms will be visible: infection occurs through lesions caused by petals sticking to leaves or stems, so it is important to spray before these lesions develop. A second application may be made up to when 50% of pods are at their final size. The minimum interval between applications is 14 days. Relying on applications made after the end of flowering may result in reduced levels of control, as infection may already have occurred.

PREPARATION OF THE SPRAY SOLUTION AND APPLICATION

Shake the container before use.

Fill the spray tank three quarters full with clean water, add the necessary amount of DRAXIX® 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.

Continue agitation at all times during spraying and stoppages until the tank is completely empty.

Do not leave spray solution in the tank overnight. Spray immediately after mixing

Apply as medium spray quality as defined by BCPC, through properly calibrated equipment.

Water volume

Apply DRAXIX® in 200-300 L/ha of water. Good spray coverage is necessary for effective control (disease control may be compromised by reducing water volumes, thus having a low spray coverage). Higher spray volumes are advised for dense crops or when the disease pressure is high, to benefit penetration into the lower section of leaves and stem.

COMPATIBILITY

DRAXIX® 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.