

Clayton Repel

MAPP 18037

A suspo emulsion fungicidal formulation containing 125 g/L (12% w/w) fluopyram and 125 g/L (12% w/w) prothioconazole for disease control in oilseed rape

Contains 125g/L (12% w/w) fluopyram and 125 g/l (12% w/w) prothioconazole



Warning

Very toxic to aquatic life with long lasting effects.

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.

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 produce an allergic reaction

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

PROTECT FROM FROST

SHAKE WELL BEFORE USE

Transport Information:

UN 3082

ADR/RID Class: 9

Packaging Group: III

Net Contents: 5 Litres e

Marketing Company:

Clayton Plant Protection,
Bracetown Business Park,
Clonee,
Dublin 15

Tel: +353-1-8014000
www.cpp.ag

IMPORTANT INFORMATION

FOR USE ONLY AS AN AGRICULTURAL FUNGICIDE

Crops/situations	Maximum individual dose: (l product / ha)	Maximum total dose: (l product / ha)	Latest time of application:
Oilseed Rape	1.0	2.0	56 days before harvest

Other specific restrictions:

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 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) AND SUITABLE PROTECTIVE GLOVES when handling the concentrate or applying the product.

WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS) AND SUITABLE PROTECTIVE GLOVES when handling contaminated surfaces.

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 ANY CONTAMINATION from eyes immediately.

WASH HANDS AND EXPOSED SKIN before meals and after work.

IF YOU FEEL UNWELL, seek medical advice (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).

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 m 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 m of 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

DO NOT RE-USE CONTAINER FOR ANY PURPOSE.

KEEP IN ORIGINAL CONTAINER tightly closed in a safe place.

KEEP OUT OF REACH OF CHILDREN.

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS.

WASH OUT CONTAINER THOROUGHLY, emptying washings into spray tank and dispose of safely.

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.

CLAYTON REPEL is a mixture of a carboxamide and triazolinthione fungicide recommended for the control of a wide range of diseases on oilseed rape.

CROP SPECIFIC INFORMATION

CROPS

CLAYTON REPEL may be used on all commercial varieties of oilseed rape.

RATE OF USE

Apply CLAYTON REPEL at 1.0 litre per hectare.

The maximum total dose per crop is 2.0 litres per hectare.

APPLICATION

Water volume

Apply CLAYTON REPEL in 200-300 litres per hectare water. The higher spray volumes are recommended where the crop is dense or disease pressure / risk is high to ensure good penetration to the lower leaves and stem bases. Disease control may be compromised by reducing water volumes, where good spray coverage is difficult to achieve.

Qualified use recommendation

If required, water volumes down to 100 litres per hectare may be used; however these have not been supported by effectiveness or crop safety data. A spray pressure of 2-3 bar is recommended.

Spray quality

Apply as a MEDIUM spray quality (as defined by BCPC). Latest Permitted Timing CLAYTON REPEL may be applied at any stage up to 56 days before harvest.

Mixing

Thoroughly shake the pack before use. Add the required quantity of CLAYTON REPEL to the half-filled spray tank with the agitation system in operation and then fill to the required level. Continue agitation at all times during spraying and stoppages until the tank is completely empty. Spray immediately after mixing.

General

Sprayers should be thoroughly cleaned with water and detergent after use, and filters and jets checked for damage and blockages. Boom height should be adjusted to ensure even coverage of the crop, particularly at later growth stages. The correct height is one at which the spray from alternate nozzles meets just above the crop, in dense crops, at later growth stages, higher water volumes should be used.

DISEASES CONTROLLED

Winter oilseed rape

Light leaf spot, Phoma leaf spot and stem canker*, Sclerotinia stem rot and powdery mildew.

* Moderate control.

APPLICATION TIMING

Depending upon disease pressure and choice of management programme one application of CLAYTON REPEL may be made in the autumn followed a second in the spring/ summer. Alternatively two applications may be made in the spring/summer.

WINTER OILSEED RAPE

Light Leaf Spot

Apply CLAYTON REPEL protectively in the autumn/winter (usually late October to early December) after the first two leaves have unfolded. Follow up spray(s) may be required in early spring from the onset of stem elongation, depending on disease development.

Phoma Leaf spot/Stem Canker

Apply CLAYTON REPEL in autumn at the first sign of disease (after the first two leaves have unfolded). A repeat application with another effective product may be necessary in late autumn /early winter should disease symptoms reoccur.

Sclerotinia stem rot (*Sclerotinia sclerotiorum*)

Apply CLAYTON REPEL at early to full flower

Powdery Mildew

Apply CLAYTON REPEL at first signs of disease (after first two leaves unfolded stage) if infection occurs in autumn, or at early to mid flower in spring. Where disease pressure remains high application with an alternative effective product may be repeated.

SPRING OILSEED RAPE (QUALIFIED MINOR USE RECOMMENDATION)

CLAYTON REPEL can also be used on varieties of spring oilseed rape but crop safety has not been fully established.

RESISTANCE MANAGEMENT STRATEGY

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

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

CONDITIONS OF SUPPLY

All goods supplied by us are of high grade and we believe them to be suitable but, 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. Clayton Plant Protection product batch numbers have complete traceability back to the original manufacturers' batch numbers and are available to CRD on request. Clayton Repel with MAPP number 18037 has been confirmed by CRD to be identical to the reference product with MAPP No. 15735.