

CLAYTON GANTRY

MAFF 09482

contains 125 g/l kresoxim-methyl, a strobilurin fungicide
and 125 g/l epoxiconazole, a triazole fungicide

Fungicide, as a suspension concentrate, for the control of certain diseases of winter wheat and winter and spring barley.



HARMFUL

**May cause sensitisation by skin contact
Limited evidence of a carcinogenic effect
Possible risk of harm to the unborn child
Possible risk of impaired fertility**



DANGEROUS FOR THE ENVIRONMENT

Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

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

IMPORTANT INFORMATION

FOR USE ONLY AS AN AGRICULTURAL FUNGICIDE

Crops: winter wheat, winter and spring barley.
Maximum individual dose: 1 litre product per ha.
Maximum number of treatments: 2 per crop
Latest time of application: Winter wheat - before the start of flowering
Winter and spring barley - up to and including ear emergence just complete

Other Specific Restrictions

To reduce the risk of resistance developing in target diseases, the total number of applications of products containing QoI fungicides made to any cereal crop must not exceed two.

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.

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 GLOVES when handling the concentrate or contaminated surfaces.

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

Do not breathe spray.

AVOID ALL CONTACT WITH SKIN.

WHEN USING, DO NOT EAT, DRINK OR SMOKE.

WASH HANDS AND EXPOSED SKIN before meals and after work.

If swallowed, seek medical advice immediately and show this container or label.

Environmental protection

DO NOT CONTAMINATE SURFACE WATERS OR DITCHES with chemical or used container.

This product qualifies for inclusion within the Local Environmental 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 PSD published guidance operation or the statutory buffer zone must be maintained. The results of the LERAP must be recorded and kept available for inspection for three years.

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 Environmental Risk Assessment for Pesticides (LERAP) permits a narrower buffer zone, or within 1 metre of the top of a ditch which is dry at the time of application. Aim spray away from water.

Storage and disposal

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS.

KEEP OUT OF REACH OF CHILDREN.

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

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

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

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

Safety data sheet available for professional user on request.

**Clayton Plant Protection (UK) Ltd.,
Unit F10
Bracetown Business Park
CLONEE
Co. Meath
Ireland.**

Contents: **1 litre**

SHAKE THOROUGHLY BEFORE USE

PROTECT FROM FROST

Tel: (00 353) 1 8210127

Batch No:

This product is approved under the Control of Pesticides Regulations 1986.

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains kresoxim-methyl and epoxiconazole). UN 3082; Class 9; Packing group III

Conditions of Supply: all goods supplied by us are of high quality and we believe them to be correct but, as we cannot exercise control over their storage, handling, mixing or use, or weather conditions before, during and 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 resellers 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.

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.

DISEASE RESISTANCE MANAGEMENT

- Clayton Gantry contains a DMI fungicide. Resistance to some DMI fungicides has been identified in Septoria leaf blotch (*Mycosphaerella graminicola/Septoria tritici*) which may seriously affect the performance of some products. For further advice on resistance management in DMIs contact your agronomist or specialist advisor, and visit the FRAG-UK website.
- Clayton Gantry contains kresoxim-methyl, a member of the QoI cross resistance group of fungicides. Clayton Gantry should be used preventatively and should not be relied upon for curative potential.
- Use Clayton Gantry as part of an Integrated Crop Management (ICM) strategy incorporating other methods of control, including where appropriate, other fungicides with a different mode of action. Do not apply more than two foliar applications of QoI containing products to any cereal crop.
- There is a significant risk of widespread resistance occurring in *Septoria tritici* populations in the UK. Failure to follow resistance management action may result in reduced levels of disease control.
- Strains of barley powdery mildew resistant to QoI group fungicides are common in the UK
- Strains of wheat powdery mildew with reduced sensitivity to triazoles are widespread in the UK. Where these occur or develop, the level of disease control obtained with Clayton Gantry may be reduced and a fungicide with a different mode of action should be used. Alternate use of fungicides with different modes of action may minimise the occurrence of less sensitive strains.

RATE OF APPLICATION

Apply Clayton Gantry at 1 l/ha (14 fl.oz/ac) in all situations.

WINTER WHEAT

Spray immediately disease becomes first active. Apply no more than 2 l/ha of Clayton Gantry to any one crop. Treat before the crop enters the flowering period as indicated for the disease.

Disease	Time of treatment
Eyespot (disease reduction)	If Clayton Gantry is applied between leaf sheaths erect but before node 2 is detectable, primarily for the control of a disease listed in this table, then a useful coincidental reduction of susceptible strains of eyespot can be gained.
Leaf blotch (<i>Septoria tritici</i>) Glume blotch (<i>Septoria nodorum</i>)	Normally spray from flag leaf just visible up to ear emergence complete. Under higher risk conditions, spray earlier, usually after the third node can be detected, before disease reaches the upper leaves. Repeat if necessary. For crops at risk to disease following a 'rain-splash event *', spray as soon as conditions allow to protect the second and flag leaves.
Yellow rust	Treat on sight of the disease, at least before infection reaches 1% on any leaf. Repeat if necessary. Timely treatment to prevent the disease becoming established gives the best results.
Brown rust	Immediately brown rust appears on the upper leaves. If a severe attack threatens, spray at flag leaf emerged and again at ear emerged but before flowering.
Ear blight (<i>Fusarium spp.</i>) Sooty moulds (<i>Cladosporium</i> and <i>Botrytis spp.</i>)	If Clayton Gantry is applied during ear emergence primarily for the control of a disease listed in this table, then a useful coincidental reduction of <i>Fusarium</i> ear blight and sooty moulds can be gained.

* A rain-splash event is defined as 10 mm or more of rain in up to 3 consecutive rain days i.e. days with 1 mm or more of rain; 5 mm of rain in any one day may be sufficient where stem elongation is incomplete or in short or thin crops.

WINTER AND SPRING BARLEY

Spray immediately disease become first active. Apply no more than 2 l/ha of Clayton Gantry to any one crop. Treat not later than ear emergence just complete as indicated for the disease.

Disease	Time of treatment
Eyespot on winter barley	If Clayton Gantry is applied to winter barley between leaf sheaths erect but before node 2 is detectable, primarily for the control of a disease listed in this table, then a useful coincidental reduction of susceptible strains of eyespot can be gained.
Powdery mildew (<i>Erysiphe graminis</i>)	Spray as soon as active mildew is visible, at least before infection reaches 2% on the lower leaves. Repeat if necessary.
Yellow rust	Treat on sight of the disease, at least before infection reaches 1% on any leaf. Repeat if necessary. Timely treatment to prevent the disease becoming established gives the best results.
Brown rust	Immediately brown rust appears on the upper leaves of the crop. If a severe attack threatens, spray at flag leaf emerged and again at ear emerged but before flowering.
Leaf blotch (<i>Rhynchosporium secalis</i>) Net blotch (<i>Pyrenophora teres</i>)	If an application of Clayton Gantry made primarily for the control of another disease in this table, coincides with a fresh outbreak of either of these diseases, then coincidental reduction of the infection will be gained.

WEATHER AND GROWING CONDITIONS

Do not treat crops under growing stresses however caused. Spray onto dry leaves when rain is not imminent. Do not apply during frosty weather.

APPLICATION (BCPC definitions)

Mix the recommended dose in 200-400 l/ha (18-36 gal/ac) water and apply as a MEDIUM spray at 2-3 bar. Use the higher water volume when crop growth is dense or the disease pressure is high. Set boom height so that the spray pattern from every other nozzle meets just above the crop. For maximum efficacy it is essential to achieve good spray cover of the crop. Avoid spray drift; damage might be caused to neighbouring crops.

Important: this product may damage broad-leaved plant species.

MIXING

Half-fill the sprayer tank with clean water. With the contents of the spray tank under agitation, add the required quantity of Clayton Gantry. Maintain agitation whilst topping up the tank to the required level and until the completion of spraying. Spray immediately after mixing. Wash all equipment thoroughly immediately after use.