


## CLAYTON INDEX

Contains 62.5 g/l (6 % w/w) epoxiconazole and 62.5 g/l (6 % w/w) fluxapyroxad in an emulsifiable concentrate.  
A systemic fungicide for the control of certain diseases of wheat, durum wheat, barley, oats, rye and triticale.  
MAPP 16145

	<p><b>Clayton Index : An emulsifiable concentrate containing 62.5 g/litre (6% w/w) epoxiconazole and 62.5 g/litre (6% w/w) fluxapyroxad.</b></p> <p><b>DANGER:</b>  <b>CAUSES SERIOUS EYE IRRITATION.</b>  <b>HARMFUL IF SWALLOWED.</b>  <b>MAY CAUSE AN ALLERGIC SKIN REACTION.</b>  <b>SUSPECTED OF CAUSING CANCER.</b>  <b>MAY DAMAGE THE UNBORN CHILD.</b>  <b>SUSPECTED OF DAMAGING FERTILITY.</b>  <b>VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS.</b>          WEAR PROTECTIVE GLOVES AND EYE/FACE PROTECTION.          AVOID BREATHING MIST.          IF EXPOSED OR CONCERNED: CALL A POISON CENTRE OR DOCTOR/PHYSICIAN.          IF IN EYES: RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO. CONTINUE RINSING.          STORE LOCKED UP.          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.  <b>To avoid risks to human health and the environment, comply with the instructions for use</b></p>
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The Control of Substances Hazardous to Health (COSHH) Regulations may apply to the use of this product at work.

<b>IMPORTANT INFORMATION : FOR USE ONLY AS AN AGRICULTURAL FUNGICIDE</b>			
<b>Crops</b>	<b>Maximum individual dose of product</b>	<b>Maximum number of treatments</b>	<b>Latest time of application</b>
Wheat, durum wheat, rye, triticale,	2 l/ha	2 per crop	Up to and including flowering just complete GS 69
Barley, oats	2 l/ha	2 per crop	Up to and including ear emergence just complete GS 59
<b>Other specific restrictions</b>			
1. Do not apply more than two foliar applications of products containing complex II inhibitors to any cereal crop. 2. Do not apply this product before growth stage BBCH 25 (tillering). 3. A minimum interval of 10 days must be observed between applications.			
<b>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.</b>			

### 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 contaminated surfaces.

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

Wear suitable protective clothing and gloves.

AVOID CONTACT WITH SKIN.

WHEN USING, DO NOT EAT, DRINK OR SMOKE.

DO NOT BREATHE SPRAY.

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 water with the product or its container. Do not clean application equipment near surface water. Avoid contamination via drains from farmyards and roads.

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 CRD published guidance or the statutory buffer zone must be maintained. The results of the LERAP must be recorded and kept available for inspection for three years.



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 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 OUT OF REACH OF CHILDREN.

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS.

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

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

Do not empty into drains.

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 the container safely.

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

This product is approved under the Plant Protection Products Regulations.

**Clayton Plant Protection (UK) Ltd.,  
Bracetown Business Park  
CLONEE  
Dublin 15  
Ireland.**

Tel: (00 353) 1 8210127

Contents: **5-10 litres**

KEEP DRY; PROTECT FROM FROST  
SHAKE THOROUGHLY BEFORE USE

Batch No:

Approval Holder: Clayton Plant Protection Ltd., address as above.

**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.**

### ACTIVITY

Clayton Index is a systemic fungicide with protectant and curative activity for use in the listed cereal crops.

### RATE OF APPLICATION

Apply Clayton Index at 2 litres per ha in 100-300 litres water per ha.

### RECOMMENDED USAGE

Use as part of an integrated disease control strategy in conjunction with other methods of control. Best results are usually obtained from applications made as soon as disease appears or, if according to a plan based upon the judgment of the expected disease challenge to the crop, before disease appears.

Do not make more than two applications of this product or other products containing complex II inhibitor fungicides to any crop.

### Winter wheat, Spring wheat, Durum wheat

Disease	Degree of control	Application range and remarks
Leaf blotch ( <i>Septoria tritici</i> )	Control	Apply after tillering (BBCH 25) up to and including flowering just complete.
Glume blotch ( <i>Septoria nodorum</i> )	Control	
Powdery mildew	Moderate	Allow at least 10 days between treatments.
Yellow rust	Control	Even though application may have been made to the ears, the reduction of <i>Fusarium</i> ear blight may not lead to a corresponding reduction of the associated mycotoxin levels of the grain below the statutory limit.
Brown rust	Control	
Tan spot	Moderate	
Eyespot (not spring wheat)	Moderate	
Ear blight ( <i>Fusarium spp.</i> )	Good reduction	
Sooty moulds ( <i>Cladosporium spp.</i> )	Reduction	

### Winter barley, Spring barley

Disease	Degree of control	Application range and remarks
Powdery mildew	Moderate	Apply after tillering (BBCH 25) up to and including ear emergence just complete.
Yellow rust	Control	
Brown rust	Control	Allow at least 10 days between treatments.
Net blotch	Control	
<i>Rhynchosporium</i> leaf blotch	Control	
<i>Ramularia</i> leaf spots	Control	

### Oats

Disease	Degree of control	Application range and remarks
Powdery mildew	Moderate	Apply after tillering (BBCH 25) up to and including ear emergence just complete.
Crown rust	Control	
Eyespot	Moderate	Allow at least 10 days between treatments.

### Rye, Triticale

Disease	Degree of control	Application range and remarks
<i>Septoria tritici</i> (Triticale only)	Control	Apply after tillering (BBCH 25) up to and including flowering just complete.
<i>Septoria nodorum</i> (Triticale only)	Control	
Powdery mildew	Moderate	Allow at least 10 days between treatments.
Yellow rust	Control	
Brown rust	Control	
<i>Rhynchosporium</i> leaf blotch (Rye only)	Control	
Eyespot	Moderate	

### APPLICATION

Mix the recommended dose in 100-300 l/ha water and apply as a MEDIUM spray (BCPC definitions). Use the higher water volume when crop growth is dense or the disease pressure is high. 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

SHAKE THE PRODUCT CONTAINER thoroughly before opening. Half-fill the sprayer tank with clean water and put under agitation. Add the required quantity of Clayton Index to the spray tank. Maintain agitation whilst topping up the tank to the required level and until the completion of spraying. Spray immediately after mixing; do not allow mixed spray to stand. DO NOT KEEP mixed spray for use next day. Wash all equipment thoroughly immediately after use.

When tank-mixing follow the Directions for Use of the partner product together with those of this label. Add each product to the spray tank separately and observe any instructions given on the order of mixing.

### **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.

### **FUNGICIDAL EFFICACY**

Clayton Index contains epoxiconazole, 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.

Strains of certain cereal diseases with reduced sensitivity to triazoles exist in the UK. Where these occur or develop, the level of disease control obtained with Clayton Index 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.

### **FOLLOWING CROPS**

After use of Clayton Index as recommended on a cereal crop, succeeding crops may be cabbage, carrot, clover, dwarf beans, field beans, lettuce, maize, oats, oilseed rape, onions, peas, potatoes, ryegrass, sugar beet, sunflower, winter barley or winter wheat.

### **CLEANING OF EQUIPMENT**

Immediately after use, thoroughly clean the sprayer with water and a cleaning agent recommended for the cleaning of spraying machines. Dispose of washings as per the DEFRA Code of Practice.

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