



CLAYTON CAST

A suspension concentrate formulation containing 160 g/L (13.8 % w/w) cyproconazole and 375 g/L (32.3 % w/w) trifloxystrobin for the control of foliar diseases in sugar beet and fodder beet.

MAPP 17727

 	<p>Clayton Cast contains 160 g/L (13.8 % w/w) cyproconazole and 375 g/L (32.3 %w/w) trifloxystrobin. Hazardous components: cyproconazole, trifloxystrobin</p> <p>Warning Suspected of damaging the unborn child. Very toxic to aquatic life with long lasting effects. Wear protective gloves/protective clothing/eye protection/face protection. 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.</p> <p>Contains trifloxystrobin, 1,2- benzisothiazolin-3-one, 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one. May produce an allergic reaction.</p> <p>To avoid risks to human health and the environment, comply with the instructions for use.</p>
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The (COSHH) Control of Substances Hazardous to Health Regulations may apply to the use of this product at work.

IMPORTANT INFORMATION : FOR USE ONLY AS AN AGRICULTURAL FUNGICIDE	
Crop:	Sugar beet and fodder beet.
Maximum individual dose:	0.35 litre of product per hectare.
Maximum number of treatments:	2 per crop. The first application must be between before BBCH 31 and BBCH 39. If a second application is required, it must not be made before BBCH 40. A minimum interval of 21 days must be observed between applications.
Latest time of application:	Up to 21 days before harvest.
Other Specific Restrictions:	Fodder beet must not be grazed by livestock or harvested for animal consumption until at least 21 days following the last application of Clayton Cast.
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.	

<p>Approval Holder : Clayton Plant Protection (UK) Ltd., Bracetown Business Park, Clonee, Dublin 15. Ireland.</p> <p>Tel: (00 353) 1 8210127 www.cpp.ag Email: info@cpp.ag</p>	<p>Pack size : XXX e</p> <p>RDN UN3082</p> <p>SHAKE WELL BEFORE USE. PROTECT FROM FROST. STORE IN A COOL DRY PLACE</p> <p>Batch No : *see footnote</p>
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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.

* Clayton batch numbers have complete traceability back to the original manufacturer's batch numbers and are available to CRD on request. Clayton Cast with MAPP number 17727 has been confirmed by CRD to be identical to the reference product MAPP No: 17397.

SAFETY PRECAUTIONS



Operator Protection

Engineering control of operator exposure must be used where reasonably practicable in addition to the following personal protective equipment:

Operators must wear suitable protective gloves when handling the concentrate. However engineering control may replace personal protective equipment if a COSHH assessment shows they provide an equal or higher standard of protection.

WASH ALL PROTECTIVE CLOTHING thoroughly after use, especially the insides of gloves.

WHEN USING DO NOT EAT, DRINK OR SMOKE.

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

DO NOT BREATHE SPRAY.

WASH SPLASHES from skin or eyes immediately.

WASH HANDS AND EXPOSED SKIN before eating, drinking or smoking 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.

Take extreme care to avoid drift onto crops and non-target plants outside the target area.

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 waterbody, unless a Local Environmental 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 inspection for three years.

Storage and Disposal

KEEP OUT OF REACH OF CHILDREN.

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDINGSTUFFS.

KEEP IN ORIGINAL CONTAINER tightly closed in a safe place.

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

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.

DISEASES CONTROLLED : Trifloxystrobin is a strobilurin fungicide *. Clayton Cast will give most effective disease control of powdery mildew, Rust, Cercospora leaf spot and Ramularia leaf spot when applied as the disease first becomes active in the crop and before disease establishment. Control of these disease will prolong green leaf area up to harvest. For prolonged protection from re-infection a second spray of Clayton Cast may be applied 3-4 weeks later if crops are at risk from later attacks.

DOSE RATE AND TIMING : Apply Clayton Cast at 0.35 L/ha at disease onset which is usually from late July to early August. Two applications may be made. The first application must be between before BBCH 31 and BBCH 39. If a second application is required, it must not be made before BBCH 40. A minimum interval of 21 days must be observed between applications. A minimum spray interval of 21 days must be observed.

CROP SPECIFIC INFORMATION : Clayton Cast may be used on all varieties of sugar beet and fodder beet.

APPLICATION : Water volume - Apply in 200-400 litres of water per hectare.

SPRAY QUALITY : Apply as a MEDIUM quality spray (as defined by BCPC).

MIXING AND SPRAYING : SHAKE WELL BEFORE USE. Even cover with a well-mixed spray is essential for good results. In dense crops, higher water volumes should be used. Add half the volume of clean water to the spray tank. Turn on the agitation and add the recommended quantity of Clayton Cast. Ensure that the spray bars are set at the correct height to give a good spray cover, and that alternate spray cones or fans meet just above the crop. Maintain continuous agitation until spraying is complete including during any stoppages until the spray tank is empty.

SPRAYER CLEANING : Sprayers should be thoroughly cleaned before and after use. Always check filters and jets for damage and blockages. Thoroughly wash out spray equipment with water immediately after use, according to manufacturer's guidelines and current good agricultural practice.

DISEASE RESISTANCE : Clayton Cast contains trifloxystrobin, a member of the QoI cross resistance group and should always be used as early as possible in the disease cycle. Use 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. To lower the risk of resistance development, application of Clayton Cast should be made in accordance with current FRAG-UK guidelines for QoI compounds. * Certain diseases may develop resistance to strobilurin fungicides. Since such circumstances are beyond our control, Clayton Plant Protection cannot accept liability for any loss or damage whatsoever.

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