


CLAYTON PROLAN

A suspension concentrate containing 125 g/l dithianon and 561 g/l potassium phosphonates for the control of scab in apples and pears.

MAPP 19618

	<p>Clayton Prolan contains 125g/L dithianon and 561g/L potassium phosphonates</p> <p>WARNING Causes serious eye irritation. May cause an allergic skin reaction. Suspected of causing cancer. Very toxic to aquatic life with long lasting effects.</p> <p>Wear protective gloves and eye/face protection. Obtain special instructions before use. Avoid breathing spray. If on skin: wash with plenty of soap and water. 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.</p> <p>To avoid risks to human health and the environment, comply with the instructions for use</p>
<p>The Control of Substances Hazardous to Health (COSHH) Regulations may apply to the use of this product at work.</p>	

IMPORTANT INFORMATION : FOR PROFESSIONAL USE ONLY AS AN AGRICULTURAL HERBICIDE			
Crops	Max. Individual dose (L product/ha)	Maximum number of applications	Latest time of application
Apples, Pears	2.5	6 per crop	Up to and including beginning of ripening (BBCH81)
<p>OTHER SPECIFIC RESTRICTIONS: A minimum interval of 35 days must be observed between the last application and harvest. Spray equipment must only be used where the operator's normal working position is within a closed cab on a tractor or on a self-propelled sprayer when making broadcast air-assisted applications.</p> <p>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>			

<p>Approval Holder Clayton Plant Protection Ltd., Unit F10, Bracetown Business Park Clonee, Co. Meath. Ireland Tel: (00 353) 1 8210127 www.claytonpp.com Email: info@claytonpp.com</p> <p>Marketing company in UK Clayton Plant Protection (UK) Ltd.</p>	<p>Contents: 5 L e</p> <p>UN 3082</p> <p>Batch No:</p>
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Address and telephone as above.	
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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), SUITABLE PROTECTIVE GLOVES AND FACE PROTECTION (FACESHIELD) when handling the concentrate.

WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS) AND SUITABLE PROTECTIVE GLOVES when applying by hand-held equipment.

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 that they provide an equal or higher standard of protection.

WASH HANDS AND EXPOSED SKIN before meals 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.

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

DO NOT ALLOW DIRECT SPRAY from broadcast air-assisted sprayers to fall within 30 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 5m 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 broadcast air-assisted 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 AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS

KEEP OUT OF REACH OF CHILDREN

DO NOT RE-USE CONTAINER for any purpose

STORE IN ORIGINAL CONTAINER tightly closed, in a safe place

ON EMPTYING THE CONTAINER, 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.

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. For professional use only.

RESTRICTIONS/WARNINGS

Clayton Prolan contains dithianon. Clayton Prolan has not been tested on the beneficial organisms used in Integrated Pest Management systems.

Clayton Prolan will not provide season-long control and should be used in a program with other scab fungicides with a different mode of action.

Under certain climatic conditions, some apple varieties may be more susceptible to russetting following dithianon treatment during blossom and early fruit development.

Caution is advised when mixing with carbonate- and bicarbonate containing products. Carbon dioxide and/or foaming may be produced and reduction of efficacy may occur.

Do not mix with lime sulphur or high alkaline products.

Application of Clayton Prolan may impair spontaneous fermentation processes.

2. DISEASE CONTROL

Clayton Prolan is a protectant fungicide for the control of scab in apples and pears.

2.1 Resistance Management

Clayton Prolan contains dithianon and potassium phosphonates. Effective disease management is a critical component in delaying the build-up of resistant pathogen populations. Clayton Prolan should be applied preventatively and should be applied according to the recommendations for the target disease at the rate and timings indicated.

A maximum number of 6 applications can be made per year. For further advice on resistance management contact your agronomist or specialist advisor or visit the FRAG-UK website.

3. CROPS

3.1 Apples and pears

Clayton Prolan can be used on all apple and pear varieties however under certain climatic conditions some apple and pear varieties may be more susceptible to russetting following treatment. Limited evidence indicates a yield reduction when used on Gala.

4. MIXING AND APPLICATION

4.1 Time of application

Apply Clayton Prolan from the start of bud burst prior to disease development and repeat at 5 to 10 day intervals, depending on disease pressure and seasonal weather conditions.

A maximum of six applications is permitted per year.

A minimum of 35 days must elapse between the last spray and harvest.

4.2 Rate of application

Clayton Prolan should be applied at a rate of 2.5 litres per hectare in a water volume of 150-1000 litres. Water volume should be based on the size of the trees and leaf area at application and sufficient to ensure good and even coverage, but not to the point of run-off.

4.3 Mixing

Three quarters fill the tank with clean water and start the agitation. To ensure thorough mixing of the product, invert the container several times before opening. Do not prepare more spray solution than is required.

Add the required quantity of Clayton Prolan to the spray tank while re-circulating. Add the remainder of the water and continue agitation until spraying is complete.

On emptying the container, rinse container thoroughly by using an integrated pressure rinsing device or by manually rinsing three times. Add washings to tank at time of filling and dispose of container safely.

4.4 Application

Apply as a MEDIUM spray, as defined by BCPC.

4.3 Sprayer cleaning

Wash out the sprayer thoroughly with water and liquid detergent immediately after use. Finally wash out with water again.

Known incompatibilities:

Caution is advised when mixing with carbonate- and bicarbonate containing products. Carbon dioxide and/or foaming may be produced and reduction of efficacy may occur. Do not mix Clayton Prolan with lime sulphur or high alkaline products

Company Advisory Statement

With many products there is a general risk of resistance developing to the active ingredients. For this reason a change in activity cannot be ruled out. It is generally impossible to predict with certainty how resistance may develop because there are so many crop and use connected ways of influencing this. We therefore have to exclude liability for damage or loss attributable to any such resistance that may develop. The recommended rate should in all events be adhered to. Numerous, particularly

regional or regionally attributable, factors can influence the activity of the product. Examples include weather and soil conditions, crop plant varieties, crop rotation, treatment times, application amounts, admixture with other products, appearance of organisms resistant to active ingredients and spraying techniques. Under particular conditions a change in activity or damage to plants cannot be ruled out. The manufacturer/supplier is therefore unable to accept any liability in such circumstances. All goods supplied by us are of high grade and we believe them to be suitable, but as we cannot exercise control over their mixing or use or the weather conditions during and after application, which may affect the performance of the material, 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 for any damage or injury whatsoever arising from their storage, handling, application or use; but nothing should be deemed to exclude or restrict any liability upon us which cannot be excluded or restricted under the provisions of the Unfair Contract Terms Act 1977 or any similar applicable law.

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