


CLAYTON MACAW

A wettable powder containing 50% w/w dimethomorph. A fungicide for use against crown rot (*Phytophthora cactorum*) in strawberries and root rot (*Phytophthora spp.*) in raspberries and blackberries **MAPP 19488**

	<p>CLAYTON MACAW : A wettable powder containing 50% w/w dimethomorph.</p> <p>Warning Toxic to aquatic life with long lasting effects.</p> <p>If medical advice is needed, have product container or label at hand. Keep out of reach of children. Collect spillage. Dispose of contents/container to a licensed hazardous waste disposal contractor or collection site except for triple rinsed empty 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>
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The (COSHH) Control of Substances Hazardous to Health Regulations may apply to the use of this product work.

IMPORTANT INFORMATION : FOR USE ONLY AS A HORTICULTURAL FUNGICIDE			
Crops	Maximum Individual Dose	Maximum Number of Treatments	Latest Time of Application
Strawberry (outdoor)	3.0	1	35 days before harvest
Strawberry (protected)	3.0 See 'Other Specific Restriction (1)' for details.	1	35 days before harvest
Raspberries, blackberries (outdoor and protected)	3.0 See 'Other Specific Restriction (2)' for details.	1	90 days before harvest

Other Specific Restrictions:

(1) For use on protected strawberry as a drip irrigation or root drench the concentration of the diluted product must not exceed 1 g product per litre water. If using the maximum concentration do not apply more than 100 ml of diluted product/solution per plant. Do not exceed the maximum individual dose or exceed 0.1 g product per plant.

(2) For the use on protected and outdoor raspberries and blackberries as a drip irrigation or root drench the concentration of the diluted product must not exceed 5 g product per litre water. If using the maximum concentration do not apply more than 200 ml of the diluted product/solution per plant. Do not exceed the maximum individual dose or exceed 1.0 g product per plant

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 PROTECTIONS PRODUCTS.

<p>Approval Holder :- Clayton Plant Protection Ltd., Bracetown Business Park Clonee, Dublin 15. Ireland. Tel: (00 353) 1 8210127 Email: info@claytonpp.com www.claytonpp.com</p>	<p>Contents: e</p> <p>Batch No:</p> <p>PROTECT FROM FROST SHAKE THOROUGHLY BEFORE USE</p> <p>UN3082</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.

SAFETY PRECAUTIONS

Operator protection:

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 AND SUITABLE RESPIRATORY PROTECTIVE EQUIPMENT (disposable filtering face piece respirator to at least EN149 FFP2 or equivalent) when handling the product.

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

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 distance 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 from 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:

STORE IN ORIGINAL CONTAINER tightly closed, in a safe place. WASH OUT CONTAINER THOROUGHLY and dispose of safely.

DIRECTIONS FOR USE

IMPORTANT: This leaflet 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.

Restrictions/Warnings

Processed crops Consult processor before use on crops for processing

Disease control

Clayton Macaw is a fungicide with protectant activity against crown rot (*Phytophthora cactorum*) in strawberries and root rot (*Phytophthora* spp.) in raspberries and blackberries. Clayton Macaw will be most effective when applied as a protectant treatment immediately after planting, before disease symptoms appear.

Resistance Management

Clayton Macaw contains dimethomorph, a CAA fungicide. It should be used in accordance with FRAC resistance management advice for CAA fungicides. In outdoor and protected crops of strawberries, no more than one application of Clayton Macaw per year may be made to control crown rot (*Phytophthora cactorum*).

Applications should be made preventatively after planting. In raspberries and blackberries, no more than one application of Clayton Macaw per year may be made to control root rot (*Phytophthora* spp.).

Applications should be made preventatively immediately after planting in the spring or autumn. Alternation with fungicides with different modes of action to Clayton Macaw is recommended as part of a resistance management programme. CAA fungicides should not make up more than 50% of the intended number of fungicide applications for *Phytophthora* disease control in strawberries, raspberries and blackberries.

Use Clayton Macaw as part of an Integrated Crop Management (ICM) strategy incorporating other methods of control, including where appropriate fungicides with a different mode of action.

Crop Specific Information Outdoor strawberries Time of application

For the moderate control of crown rot (*Phytophthora cactorum*) apply Clayton Macaw as a preventative treatment immediately after planting.

Rate of application

Apply Clayton Macaw at 3.0 kg/ha as a high volume spray of 600–1000 litres of water per hectare, ensuring good coverage around the base of the plant.

Protected strawberries Time of application

For the moderate control of crown rot (Phytophthora cactorum), apply Clayton Macaw as a preventative treatment immediately after planting.

Rate of application

Apply Clayton Macaw as a drip irrigation or root drench treatment of 0.1 gram of product per plant in a minimum water volume of 100 ml of water per plant, not exceeding 3.0 kg of product/ha.

Raspberries and blackberries (outdoor and protected) – qualified minor use recommendation Time of application

For the moderate control of root rot (Phytophthora spp.) apply Clayton Macaw as a preventative treatment immediately after planting in the spring or autumn. **Rate of application**

Apply as a drip irrigation or root drench treatment delivering 1.0 g of Clayton Macaw per plant in a minimum of 200 ml of water per plant, not exceeding 3.0 kg of product/ha.

Following Crops

Following application of Clayton Macaw, allow 10 months before sowing clover.

Mixing and Application Outdoor strawberries,

Clayton Macaw should be applied as a COARSE spray as defined by BCPC, using a high volume drenching spray of 600–1000 litres of water per hectare, ensuring good coverage around the base of the plant.

Protected crops of strawberries.

Clayton Macaw should be applied via drip irrigation or as a root drench delivering at least 100 ml of water per plant.

Outdoor or protected raspberries and blackberries.

Clayton Macaw should be applied via drip irrigation or as a root drench delivering at least 200 ml of water per plant. Half fill the sprayer, drench or irrigation tank with clean water and start agitation.

Steadily add the required quantity of Clayton Macaw direct to the spray, drench or irrigation tank (pre-mixing is not necessary).

Empty product container thoroughly and dispose of safely.

Add the remainder of the water.

Apply immediately and continue agitation until spraying, irrigation or drenching is complete.

Wash sprayer or flush out drench or irrigation equipment thoroughly immediately after use, using clean water and following best practice advice and the guidance provided by the equipment manufacturer. **T**

The following does not form part of the authorised label text.

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 exclude liability for damage or loss attributable to any such resistance that may develop. Recommended rates should in all events be adhered to.

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