

Clayton Galic

An emulsifiable concentrate formulation containing 500 g/l (49.02% w/w) pirimiphos-methyl for use as a broad spectrum insecticide on stored grain. MAPP 15374

Pirimiphos-methyl is an anticholinesterase organophosphate insecticide. Handle with care

	<p>CLAYTON GALIC contains 500g/L pirimiphos-methyl in an emulsifiable concentrate formulation</p> <p>DANGER FLAMMABLE LIQUID AND VAPOUR HARMFUL IF SWALLOWED MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS MAY CAUSE AN ALLERGIC SKIN REACTION CAUSES SERIOUS EYE DAMAGE MAY CAUSE RESPIRATORY IRRITATION MAY CAUSE DROWSINESS OR DIZZINESS VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS</p> <p>Keep out of the reach of children Keep away from heat, sparks, open flames, hot surfaces. No smoking Wear protective gloves, protective clothing, eye/face protection IF SWALLOWED immediately call a poison centre or doctor/physician DO NOT INDUCE VOMITING IF IN EYES rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing. Repeated exposure may cause skin dryness or cracking</p> <p>Collect spillage Dispose of contents/container to a licensed hazardous waste contractor or collection site except for 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. THE (COSHH) CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS MAY APPLY TO THE USE OF THIS PRODUCT AT WORK</p>

IMPORTANT INFORMATION : USE ONLY AS AN INSECTICIDE IN STORED GRAIN		
Crop	Maximum individual dose	Maximum number of treatments
Stored wheat, barley, oats	8ml product/tonne of grain	One per batch of grain
Other specific restrictions: The maximum concentration must not exceed 8 ml product/0.75 litres water		
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		

Important note : Where grain has been treated by admixture, it must be labelled as follows: **“THIS GRAIN HAS BEEN CHEMICALLY TREATED”**.

SAFETY PRECAUTIONS

Operator protection

Pirimiphos-methyl is an anticholinesterase organophosphorus compound. DO NOT USE if under medical advice NOT to work with such compounds.

Application as a grain admixture must only be made using automated application equipment.

Other 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), SUITABLE PROTECTIVE GLOVES when handling the treated grain and contaminated grain sowing equipment. However engineering controls may replace personal protective equipment if a COSHH assessment shows they provide an equal or higher standard of protection.

WASH SPLASHES OF CONCENTRATE from skin or eyes immediately.

ENSURE ADEQUATE VENTILATION IN CONFINED SPACES.

DO NOT BREATHE SPRAY.

WASH HANDS AND EXPOSED SKIN before meals and after work.

TAKE OFF immediately all contaminated clothing.

COVER WATER STORAGE TANKS before application.

VENTILATE CONFINED SPACES THOROUGHLY.

IF SWALLOWED, do not induce vomiting: seek medical advice immediately and show this container or label.

DO NOT HANDLE grain unnecessarily.



Environmental protection

DO NOT CONTAMINATE SURFACE WATERS OR DITCHES with chemical or used container.
Wildlife must be excluded from buildings during treatment.

Storage and disposal

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 safely.

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

DO NOT RE-USE CONTAINER for any purpose.

Approval Holder Clayton Plant Protection Ltd., Unit F10, Bracetown Business Park Clonee, Co. Meath. Ireland. Tel: (00 353) 1 8210127	Contents: 1 litre e
Marketing company Clayton Plant Protection UK Ltd Contact details as above	SHAKE THOROUGHLY BEFORE USE
	PROTECT FROM FROST
	Batch No: * see footnote

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 Galic with MAPP number 15374 has been confirmed by CRD to be identical to the reference product MAPP No: 12726.

DIRECTIONS FOR USE

IMPORTANT: This information is approved as part of the Product Label. All instructions within this section must be carefully read in order to obtain safe and successful use of this product.

CROPS

Wheat, barley and oats: including barley for malting, milling wheat and seed.

PESTS CONTROLLED

CLAYTON GALIC controls the following pests of stored grain:

Saw-toothed Grain Beetle (*Oryzaephilus surinamensis*), Grain Weevil (*Sitophilus granarius*),

Common Flour Mite (*Acarus siro*), Warehouse Moth (*Ephestia elutella*),

Flour or Mill Moth (*Ephestia kuhniella*), Flour Beetles (*Tribolium spp.*),

Rust-red Grain Beetle (*Cryptolestes ferrugineus*), Cosmopolitan Food Mite (*Glycyphagus destructor*).

COMPLETE ADMIXTURE

The store should be thoroughly cleaned before the grain is added. Grain should be treated as soon as possible during storage. Ideally CLAYTON GALIC should be applied to the grain as it is loaded into store. However, moist and/or warm grain should be dried and/or cooled before treatment as rapid drying and cooling operations can cause product degradation thereby reducing effectiveness. If such operations are necessary for grain going into longer term storage they should be conducted prior to treatment, ideally before the grain is loaded into its final storage place.

For best results grain moisture content should be maintained at or below 15%. A higher moisture content will reduce treatment effectiveness of treatment and reduce the protection period.

Always inspect grain regularly following application to ensure that control is complete.

SURFACE ADMIXTURE

Surface admixture will be effective only if the store is thoroughly clean and disinfested before storing grain and if the incoming grain is free of insect or mite pests. Treat the surface layer of the grain bulk to a depth of at least 30–100 cm. This can be done by first part filling the store and levelling the bulk of untreated grain. Treat the remaining grain as it enters the store, distribute evenly over the bulk to create a treated layer.

Storage conditions: Care should be taken to ensure that the moisture content of the grain is at or below 15% and is kept cool. Any subsequent movement of the surface layer will reduce the effectiveness of treatment.

Important note: Surface admixture is recommended for use only where the above preparation, treatment and storage conditions can be achieved. The use of surface admixture under any other circumstances is at user's own risk.

Complete or Surface Admixture

Ensure good spray coverage of the grain. Adjust the conveyor to produce a shallow, even flow of grain at the point of application. Poor or uneven coverage will reduce the level of control.

Establish the grain carrying rate of the conveyor. Ensure accurate calibration of application equipment.

For a conveyor rate of 22.5 – 45 tonnes per hour	Apply 8 ml product in 0.75 litres of water per tonne through a medium/coarse type nozzle.
For a conveyor rate of below 22.5 tonnes per hour	Apply 8 ml product in 1.5 litres of water per tonne. This can be achieved using an orifice plate (e.g. 'Teejet' orifice plate 4916 series).

Important note : Where grain has been treated by admixture, it must be labelled as follows:

“THIS GRAIN HAS BEEN CHEMICALLY TREATED”.

MIXING INSTRUCTIONS

Shake well before use. Half fill the spray tank with water and begin agitation.

Add the required quantity of CLAYTON GALIC to the spray tank and complete filling.

Maintain agitation during application and apply immediately.

APPLICATION

Apply using a suitable liquid applicator. DO NOT APPLY surface admixture or complete admixture using hand held equipment. Follow the manufacturer's instructions and take care to minimise the risk of operator exposure.

AFTER USE

Empty application equipment and clean thoroughly after use.

Part used containers must be securely sealed and stored away from food, drink and animal feeding stuffs.

Do not re-use the container for any purpose.

Notes:

1. For best results when using CLAYTON GALIC moisture contents should be maintained at or below 15% for cereals. If the moisture content is higher the effectiveness of treatment and the period of protection can be reduced.
2. Insecticide treatments tend to work more slowly and can be less effective in cold conditions.
3. Moist grain coming into store should be dried and cooled before treatment with CLAYTON GALIC. Drying and cooling operations made after treatment can reduce the effectiveness of treatment.
4. Predatory mites (*Cheyletus*) are sometimes found in grain feeding on infestations of grain mites. They are not a pest species and do not harm grain, but their presence can cause rejection by buyers. Predatory mites can survive treatments of organophosphorus insecticides (e.g. CLAYTON GALIC) and are sometimes found after curative treatments to control heavy mite infestations. They will not remain for long after their food source has been removed, but grain should be inspected carefully before selling.
5. Handling grain treated with this product does not require the use of face and eye protection. However, dust from the grain itself has been known to cause irritation of eyes, throat, chest and skin and so when working with grain the use of eye protection and a dust mask is advisable.

This product is to be used only in accordance with the instructions given on the label provided with this pack.