

# CLAYTON PIRIMICARB 50

MAPP 12910

contains 50 % w/w pirimicarb in water dispersible granules

For the control of aphids in a range of agricultural and horticultural crops.



**TOXIC**

**Toxic if swallowed  
Harmful by inhalation  
Irritating to eyes**



**DANGEROUS FOR THE ENVIRONMENT**

**Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment**

The Control of Substances Hazardous to Health (COSHH) Regulations may apply to the use of this product at work.

<b>COMPLIANCE WITH THE FOLLOWING CONDITIONS OF USE AND ALL SAFETY PRECAUTIONS MARKED ❖ IS A LEGAL REQUIREMENT FOR USE ONLY AS AN AGRICULTURAL/HORTICULTURAL INSECTICIDE</b>		
<b>Crop</b>	<b>Maximum individual dose of product</b>	<b>Latest time of application as days before harvest</b>
Apple, strawberry and cherry	560 g/ha	3
Cabbage, cauliflower, calabrese, broccoli, Brussels sprout, kale, Chinese cabbage, collard, turnip, swede and pear	420 g/ha	3
Oilseed rape	420 g/ha	14
Wheat, durum wheat, barley, oats, rye, triticale, maize, sweetcorn	280 g/ha	14
Blackcurrant, redcurrant, gooseberry, raspberry, carrot, parsnip, sugar beet, potato, field bean, dwarf French bean, broad bean, runner bean and pea	280 g/ha	3
Cucumber, tomato, pepper	See 'Other specific restrictions'	2
Protected lettuce	See 'Other specific restrictions'	14
Outdoor lettuce	See 'Other specific restrictions'	3
Outdoor and protected ornamental plant production	See 'Other specific restrictions'	-
Forest nurseries	See 'Other specific restrictions'	-
<b>Other specific restrictions</b> The maximum concentration must not exceed 500 g product/1000 litres water when used on cucumber, tomato, pepper, outdoor and protected lettuce, outdoor and protected ornamental plant production and forest nurseries.		
<b>READ ALL OTHER SAFETY PRECAUTIONS AND DIRECTIONS FOR USE BEFORE USE</b>		

## **SAFETY PRECAUTIONS**

### **Operator protection**

- ❖ Pirimicarb is an anticholinesterase carbamate compound. DO NOT USE if under medical advice NOT to work with such compounds.
- ❖ 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 SUITABLE RESPIRATORY PROTECTIVE EQUIPMENT when handling the concentrate.
- ❖ WEAR SUITABLE PROTECTIVE CLOTHING (IMPERMEABLE COVERALLS) AND SUITABLE PROTECTIVE GLOVES when applying by hand-held sprayers.
- ❖ WEAR SUITABLE PROTECTIVE CLOTHING (IMPERMEABLE COVERALLS) AND SUITABLE PROTECTIVE GLOVES when handling contaminated surfaces.
- ❖ 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 air-assisted applications to apples or other top fruit.
- ❖ However, engineering controls may replace personal protective equipment if a COSHH assessment shows they provide an equal or higher standard of protection.

Do not breathe dust/spray.

WASH CONCENTRATE from skin or eyes immediately.

WHEN USING DO NOT EAT, DRINK OR SMOKE.

WASH HANDS AND EXPOSED SKIN before meals and after work.

IN CASE OF ACCIDENT OR IF YOU FEEL UNWELL, seek medical advice (show the label where possible).

In case of accident by inhalation: remove casualty to fresh air and keep at rest.

### **Environmental protection**

DO NOT CONTAMINATE SURFACE WATERS OR DITCHES with chemical or used container.

- ❖ HARMFUL TO LIVESTOCK. Keep all livestock out of treated areas for at least 7 days following treatment. Bury or remove all spillages.

### **Storage and disposal**

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS.

KEEP OUT OF REACH OF CHILDREN.

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 RE-USE CONTAINER for any purpose.
- EMPTY CONTAINER COMPLETELY and dispose of safely.

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

Safety data sheet available for professional user on request.

This product is approved under the Control of Pesticides Regulations 1986.

**Clayton Plant Protection (UK) Ltd.,  
Unit F10, Bracetown Business Park  
CLONEE, Co. Meath  
Ireland.**

Tel: (00 353) 1 8210127

Contents: **1 kg**

STORE IN A COOL DRY PLACE

Batch No:

CARBAMATE PESTICIDE, SOLID, TOXIC (contains pirimicarb) UN 2757      Class 6.1      Packing group III
--

**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.

Crop	Pests	Rate of use & water volume	Timing
Barley Oats Rye Triticale Wheat Durum wheat	Cereal aphids	280 g/ha in 200-400 l/ha (4 oz/ac in 20-40 gal/ac)	In late spring or summer if colonies appear on the leaves or 5 aphids per ear are found during regular monitoring.
Potatoes	Green aphids	280 g/ha in at least 200 l/ha (4 oz/ac in at least 20 gal/ac). Increase water volume to 400 l/ha (40 gal/ac) when foliage is dense.	Immediately aphids appear. Repeat if necessary.
Sugar beet	Black bean aphid Green aphids	280 g/ha in at least 400 l/ha (4 oz/ac in at least 40 gal/ac). Use sufficient water to give complete leaf coverage.	Immediately aphids appear or upon receipt of official warnings. Repeat if necessary.
Broad bean Dwarf French bean Field bean Runner bean	Black bean aphid Green aphids	280 g/ha in 200-400 l/ha (4 oz/ac in 20-40 gal/ac).	As soon as colonies appear. Repeat if necessary.
Peas	Pea aphid	280 g/ha in 200-400 l/ha (4 oz/ac in 20-40 gal/ac).	As soon as aphids appear on the haulm. Regular monitoring of the crop is recommended especially after flowering. Repeat if necessary.
Broccoli Brussels sprout Cabbage Calabrese Cauliflower Chinese cabbage Collard Kale Oilseed rape Swede Turnip	Cabbage aphid	420 g/ha in 300-600 l/ha (6 oz/ac in 30-60 gal/ac) Use sufficient water to just wet the leaves. Add 250ml/1000 l authorised adjuvant ADJ 0421 to the spray mixture.	As soon as aphids appear. Repeat if necessary.
Carrot Parsnip	Willow-carrot aphid	280 g/ha in 200-400 l/ha (4 oz/ac 20-40 gal/ac).	As soon as aphids appear. Repeat if necessary.
Maize Sweetcorn	Aphid	280 g/ha in 200-400 l/ha (4 oz/ac 20-40 gal/ac).	When aphid numbers rise substantially. Repeat if necessary.
Strawberry	Strawberry aphid	560 g/ha in at least 1000 l/ha (8 oz/ac in at least 100 gal/ac). Use sufficient water to cover the plants thoroughly.	As soon as aphid appear. Repeat if necessary.

Cont.			
Blackcurrant Redcurrant Gooseberry	Aphid	280 g/ha in 200-400 l/ha (4 oz/ac in 20-40 gal/ac).	Shortly before first open flower.
Raspberry	Aphid	280 g/ha in 200-400 l/ha (4 oz/ac in 20-40 gal/ac).	As soon as aphids appear in spring.
Apple	Apple-grass aphid Green apple aphid. Rosy apple aphid	420 g/ha in at least 400 l/ha (6 oz/ac in at least 40 gal/ac).	Spray at full green cluster to pink bud.
	Woolly aphid	560 g/ha in at least 1000 l/ha (8 oz/ac in at least 100 gal/ac). The addition of adjuvant ADJ 0421 will improve control but fruit russetting might be increased.	Normally July but treat as soon as populations start to increase.
Cherry	Cherry blackfly	560 g/ha in at least 400 l/ha (8 oz/ac in at least 40 gal/ac). Increase water volume for large trees to at least 1000 l/ha (100 gal/ac)	Spray at white bud or petal fall or as soon as aphids increase.
Pear	Green aphid Pear-bedstraw aphid	420 g/ha in at least 400 l/ha (6 oz/ac in at least 40 gal/ac).	Spray at petal fall.
Outdoor lettuce Protected lettuce	Aphid	High volume at 500 g per 1000 litres (8 oz per 100 gallons).	Spray as soon as aphids increase but before hearting starts. Repeat if required.
Cucumber Tomato Peppers	Aphid	High volume at 500 g per 1000 litres (8 oz per 100 gallons).	Spray as soon as aphids increase. Repeat if required.
Protected crops: Carnation Chrysanthemum Cineraria Cyclamen Roses	Aphid	High volume at 500 g per 1000 litres (8 oz per 100 gallons).	Spray as soon as aphids increase. Repeat if required. Avoid spraying open blooms.
Forest nursery trees. Outdoor ornamental plant production.	Aphid	High volume at 500 g per 1000 litres (8 oz per 100 gallons).	Spray as soon as aphids increase. Repeat if required.

**Caution:** avoid spraying open blooms. Verify the safety of the treatment on all new or unusual species and varieties to which one is unaccustomed before proceeding to treat large numbers of plants.

### **TIMELINESS OF TREATMENT**

In the early stages of infestation, aphid colonies may develop in certain areas of a crop, often on the headlands. Early treatment of the limited areas where infestations have occurred is strongly recommended.

### **WEATHER CONDITIONS**

Maximum efficacy is gained when the weather is warm and calm. Clayton Pirimicarb 50 becomes less effective if the crop is wilting owing to hot and/or dry weather; to circumvent this spray in the early morning or cool of the evening.

### **APPLICATION**

Apply as a MEDIUM spray at 2-3 bar (30-45 psi). Use the higher recommended water volumes when the foliage is dense and during warm weather (25°C and above). Operate the spray equipment to give maximum crop penetration and to cover the crop leaves evenly and thoroughly particularly during cool weather. For best results, application to Brussels sprout should be made by a sprayer fitted with a 'drop-leg' boom system.

### **MIXING**

Slowly add Clayton Pirimicarb 50 to the sprayer tank already half filled with water and under agitation. Add authorised wetting agent if recommended. Top up the tank with water and keep under agitation until the mix is sprayed out.

### **COMPATIBILITY**

Clayton Pirimicarb 50 is physically compatible in a tank mixture with any one of the following approved formulations. Do not mix with magnesium sulphate. When tank-mixing follow the Directions for Use of the partner product together with those of this label. Mix Clayton Pirimicarb 50 in the spray tank first. Spray all tank mixtures immediately after mixing.

Chlorothalonil	MAPP 10518
Fenpropidin	MAFF 08660
Mancozeb	MAPP 10985
Non-ionic wetter	ADJ 0421
Chelated manganese sulphate *	

\* Constant agitation is particularly necessary.

### **PROCESSED CROPS**

Consult processors before treating crops intended for processing.

### **RESISTANCE TO INSECTICIDES**

Strains of some aphid species are resistant to many aphicides. Where aphids resistant to products containing pirimicarb occur, Clayton Pirimicarb 50 is unlikely to give satisfactory control. Repeat treatments are likely to result in lower levels of control.

Strains of the melon cotton aphid are resistant to diazinon and pirimicarb; Clayton Pirimicarb 50 is unlikely to give control of this aphid.

---

---