

# Pyrethrum 5 EC

MAPP 12685

## NATURAL ORGANIC INSECTICIDE

An emulsifiable concentrate formulation containing  
5% (w/v) pyrethrins

Pyrethrum 5 EC is a contact insecticide for use on all outdoor and protected crops against chewing and sucking pests including aphids (blackfly and greenfly), caterpillars, whitefly and red spider mite.

For use on all edible and non-edible plants including ornamental plant production throughout the season.



### Directions for Use:

Pyrethrum 5 EC is an emulsifiable concentrate for dilution with water prior to use.

**Mixing:** Shake well and dilute with water before use. Mix thoroughly and use immediately.

**Water Volume:** It is essential to achieve good spray coverage of the target crop foliage for optimum pest control. Apply in a high volume spray to ensure thorough coverage of the foliage to the point of run-off. Ensure that both upper and lower surfaces of the leaves are treated.

### Timing of application:

Apply Pyrethrum 5 EC as soon as pest or pest damage is seen and when motile stages of pests are most active. Do not apply in direct sunshine or in very hot weather when it is advisable to apply in early morning or in the evening.

### Rates of Use:

Apply Pyrethrum 5 EC at a dilution rate of 20 ml in 5 litres water.

For outdoor crops, apply at a maximum individual dose of 1.1 litres product per hectare.

For crops grown under protection, apply at a maximum individual dose of 2.4 litres product per hectare.

### DO NOT EXCEED MAXIMUM INDIVIDUAL DOSE

### Spray Programme and Harvest

Crops may be sprayed at 7 day intervals and harvested 24 hours after the last application.

### Crop Safety

Some species of plant may be sensitive to Pyrethrum 5 EC and show signs of yellowing, particularly after a second application. Do not apply to open blooms and test spray on a small number of representative plants before spraying larger batches. Certain types of bedding plants may suffer some damage to any flowers present at the time of spraying. Subsequent new growth is unaffected.

### APPLICATION

**Wash Equipment** thoroughly immediately after use. Fill the tank with clean water plus some wetter or detergent and flush out. Refill with water and spray out before storage or using other products. Traces of Pyrethrum 5 EC may cause damage to susceptible crops sprayed later.

**Drift:** Avoid drift off the target area. Avoid spraying within 6m of the field boundary to reduce effects on non-target insects and other arthropods.

**Pyrethrum 5 EC must be stored in a suitable pesticide store in a dark place.**

### Resistance

Pesticide resistance in glasshouse whitefly and some aphids is widespread. Where strains resistant to products containing pyrethrins occur, this product is unlikely to give satisfactory control. Note: Resistant strains of the tobacco whitefly are also known to occur.

## PROTECT FROM FROST

## IMPORTANT INFORMATION

### FOR USE ONLY AS AN

**AGRICULTURAL/HORTICULTURAL/FORESTRY/INDUSTRIAL INSECTICIDE.**  
Crops/situations: All edible and non-edible crops.  
Maximum individual dose: 20 ml product in 5 litres water.

### Other specific restrictions:

- (1) Do not exceed 1.1 litre product/ha for crops grown outdoors
  - (2) Do not exceed 2.4 litres product/ha for crops grown under protection
- 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.**

### 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) AND SUITABLE PROTECTIVE GLOVES** when handling the concentrate.

**WEAR SUITABLE PROTECTIVE GLOVES** when applying by hand-held equipment.

However, engineering controls may replace personal protective equipment if a COSHH assessment shows they provide an equal or higher standard of protection.

**WHEN USING DO NOT EAT, DRINK OR SMOKE. WASH HANDS AFTER USE. DO NOT BREATHE SPRAY.**

#### Environmental protection

**RISK TO NON-TARGET INSECTS OR ARTHROPODS.** See Directions for use.

**HIGH RISK TO BEES.** DO NOT apply to crops in flower or to those in which bees are actively foraging. Do not apply when flowering weeds are present.

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

DO NOT ALLOW DIRECT SPRAY from horizontal boom sprayers to fall within 5m of the top of the bank of a static or flowing water body, or within 1m of the top of a ditch which is dry at the time of application.

DO NOT ALLOW DIRECT SPRAY from hand-held sprayers to fall within 1m of the top of the bank of a static or flowing water body. Aim spray away from water. THIS PRODUCT IS NOT ELIGIBLE FOR BUFFER ZONE REDUCTION UNDER THE LERAP HORIZONTAL BOOM SPRAYERS SCHEME.

#### Storage and disposal

KEEP OUT OF REACH OF CHILDREN.

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS.

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

EMPTY CONTAINER COMPLETELY and dispose of safely.



IRRITANT



DANGEROUS FOR THE ENVIRONMENT

**R41 RISK OF SERIOUS DAMAGE TO EYES**

**R50 VERY TOXIC TO AQUATIC ORGANISMS**

**R53 MAY CAUSE LONG-TERM ADVERSE EFFECTS IN THE AQUATIC ENVIRONMENT.**

**S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice**

**S39 Wear eye/face protection**

**S35 This material and its container must be disposed of in a safe way**

**S57 Use appropriate containment to avoid environmental contamination**

**TO AVOID RISKS TO MAN AND THE ENVIRONMENT COMPLY WITH THE DIRECTIONS FOR USE**

## Net Contents 5 litres

Manufactured and marketed by:

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Batch No:

Man. Date: