

# NIMROD®

**GROUP 8 FUNGICIDE**

PCS 04964

A systemic fungicide with curative and protectant action which controls powdery mildew on apple, pears, soft fruits, cucumber and ornamental plants.

An emulsifiable concentrate formulation containing 250 g/l (26.8% w/w) bupirimate, n-butanol and hydrocarbons. May produce an allergic reaction.



ADAMA

Scan for Safety Data Sheet or use weblink:  
<https://bit.ly/2KrSkG6>



FOR PROFESSIONAL USE ONLY UFI: R6SR-VCD2-UV01-TVCF

FR R3.4.5 OCT21

## SAFETY INFORMATION

### Danger

**Flammable liquid and vapour.**

**May be fatal if swallowed and enters airways.**

**Causes serious eye irritation.**

**May cause respiratory irritation.**

**Suspected of causing cancer.**

**Very toxic to aquatic life with long lasting effects.**

**Repeated exposure**

**may cause skin dryness or cracking.**

**Contains bupirimate.**

**May produce an allergic reaction.**

Keep out of reach of children.

Keep away from heat, sparks, open flames, hot surfaces and other ignition sources. No smoking.

Take precautionary measures against static discharge.

Avoid breathing vapours or spray.

Wear protective gloves, protective clothing, eye protection, face protection.

IF IN EYES: rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

Do NOT induce vomiting.

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.

When applying by **broadcast air assisted sprayers (outdoor crops only)**: to protect aquatic organisms respect an unsprayed buffer zone of 15 m to surface water bodies.

When applying by **horizontal boom sprayers (outdoor crops only)**: to protect aquatic organisms respect an unsprayed buffer zone of 5 m to surface water bodies.

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

PCS 04964

1Le

For advice on medical emergencies, fires or major spills telephone the UK National Chemical Emergency Centre on +44 (0)01865 407333

Authorised to and marketed by: Adama Agricultural Solutions UK Ltd  
Third Floor East, 1410 Arlington Business Park, Theale, Reading RG7 4SA  
Telephone +44 (0)1635 860555 | Technical Helpline +44 (0)1635 876622  
[www.adama.com](http://www.adama.com) | [ukenquiries@adama.com](mailto:ukenquiries@adama.com)

**SHAKE WELL BEFORE USE**

Batch No.: see packaging

L202561PWB\_05

## This leaflet is part of the approved label.

For advice on medical emergencies, fires or major spills telephone  
the UK National Chemical Emergency Centre on +44 (0)1865 407333

### IMPORTANT INFORMATION

FOR PROFESSIONAL USE ONLY AS A HORTICULTURAL FUNGICIDE

Crop	Maximum individual dose (litres/ha)	Maximum number of applications	Latest time of application
Apples and pears	0.9	4 per year	14 days before harvest
Strawberry (outdoor)	1.0	4 per year/crop	3 days before harvest
Strawberry (protected)	1.0	4 per year/crop	3 days before harvest
Raspberry, blackcurrants, redcurrants and gooseberries (outdoor)	1.0	4 per year	7 days before harvest
Raspberry (protected)	1.0	4 per year	7 days before harvest
Chrysanthemum (outdoor)	0.7	3 per crop	-
Chrysanthemum (protected)	0.7	3 per crop	1 day before harvest
Roses (outdoor)	1.0	3 per crop	-
Roses (protected)	1.0	3 per crop	6 days before harvest
Begonias (outdoor)	1.1	3 per crop	-
Begonias (protected)	1.1	3 per crop	6 days before harvest
Ornamentals (outdoor)	1.0	3 per crop	-
Ornamentals (protected)	1.0	3 per crop	6 days before harvest

#### Qualified minor use recommendation

Cucumber (protected)	1.5	4 per year	1 day before harvest
----------------------	-----	------------	----------------------

#### Other specific restrictions:

##### In indoor situations

1. Treatment must only be made under 'permanent protection' situations which provide full enclosure (including continuous top and side barriers down to below ground level) and which are present and maintained over a number of years.
2. Reasonable precautions must be taken to prevent access of birds, wild mammals and honey bees to treated crops.
3. To minimise airborne environmental exposure, vents, doors and other openings must be closed during, and after application, until the applied product has fully settled.

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.

## 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.

## RESTRICTIONS AND WARNINGS

For varietal restrictions on ornamental plants please refer to 'Crop Specific Information'.

It is advisable to test for compatibility and tolerance to crop injury prior to full scale commercial use on ornamentals.

**Warning for begonias:** Never spray flowering plants or those with flower buds showing colour as this can scorch petals.

Crops should not be re-entered until spray residues are dry.

## Crops for processing

NIMROD® has not caused taint in tests with blackcurrants and gooseberries but consult processor before using on any crops for processing.

## RESISTANCE

NIMROD contains bupirimate. For resistance management purposes, it's mode of action is classified as 8 under the FRAC code. There is medium risk of resistance and cross resistance known in powdery mildews. Application should be made in accordance with FRAC Guidelines.

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

The efficacy of this product may be affected if strains of disease pathogens resistant or less sensitive occur at any time. As such, occurrences cannot be predicted - no responsibility can be accepted for the results obtained.

## DISEASE CONTROL

NIMROD is a systemic fungicide with curative and protectant action which controls powdery mildew in a range of crops.

## CROP SPECIFIC INFORMATION (including disease control)

### APPLES AND PEARS

#### Rates of use and water volumes

0.9 litres in 300-1,000 litres water per hectare.

Where tree height and/or canopy density is reduced, the dose (and water volume) should be adjusted in accordance with an appropriate dose adjustment scheme. Consult your specialist advisor for further information. Further information on the PACE scheme is available from AHDB Horticulture (formerly HDC), or see the AHDB Horticulture leaflet (Orchard Spraying: Opportunities to reduce rates) available on the AHDB Horticulture website at: [www.horticulture.ahdb.org.uk](http://www.horticulture.ahdb.org.uk)

Water volumes should be based on the size of the trees and leaf area at application and sufficient to ensure good coverage.

Apply from late green cluster (apples) or white bud stage (pears) and repeat at intervals of 10-14 days.

During periods conducive to powdery mildew and especially during rapid leaf development in June, best results are obtained by applying at the shorter spray intervals.

For season long control of powdery mildew other products will need to be included in the treatment programme.

#### Timing

Apply at late green cluster/white bud stage and repeat until extension growth ceases, using up to a maximum of four sprays per year.

Post-harvest sprays of a suitable product may be required where mildew is present and likely to be damaging. This will reduce the amount of over-wintering inoculum. The degree of reduction will depend on the timing of the four NIMROD applications within an overall treatment programme.

Harvest interval: 14 days.

## **STRAWBERRIES (outdoor and protected)**

### **Rate of use and timing**

1 litre in 500-1,000 litres water per hectare.

Apply at first signs of disease from just before blossom and repeat at 10-14 day intervals as necessary, using up to a maximum of 4 sprays per crop. On protected strawberries two crops per year may be treated.

**Harvest interval:** 3 days.

## **RASPBERRIES (outdoor and protected), BLACKCURRANTS (outdoor) AND REDCURRANTS (outdoor) AND GOOSEBERRIES (outdoor)**

### **Rates of use and timing**

1 litre in 100-400 litres water per hectare.

Apply at first signs of disease and repeat at a minimum of 12 day intervals using up to a maximum of four sprays per year.

On susceptible raspberry varieties, application at full flower has been shown to be important in giving best protection of fruit.

**Harvest interval:** 7 days.

## **CHRYSANTHEMUMS (outdoor and protected)**

### **Rate of use and timing**

0.7 litre/ha. Spray thoroughly to wet all foliage.

Apply as soon as infection is seen and repeat at 10-14 day intervals. A maximum of three applications may be made to any crop. A maximum of two protected crops may be treated per year. One outdoor crop may be treated per year.

**Varieties:** NIMROD has been used on the following varieties: Helen, White Marble, Pink Marble, Bronze Nero, Red Regalia, Bronze Hazel Zwager, Peter Zwager, Evelyn Bush and Puriton. On other chrysanthemums, first treat a few plants to check for damage before proceeding further.

**Harvest interval (protected only):** 1 day

## **ROSES (outdoor and protected)**

### **Rate of use and timing**

1 litre/ha.

Apply sufficient spray to obtain complete crop cover.

Apply before, or at, the first signs of disease and repeat at 10-14 day intervals. Under high disease pressure reduce spray interval to 5 days. A maximum of two protected crops per year or one outdoor crop per year may be treated.

**Note:** Some leaf puckering may occur on young soft growth during early spring and under low light intensity.

In these conditions, test varietal susceptibility by spraying a few plants and allowing 14 days for any symptoms to develop.

**Harvest interval (protected only):** 6 days

## **BEGONIAS (outdoor and protected)**

### **Rate of use and timing**

1.1 litre/ha. Spray thoroughly to wet all foliage.

Apply at the first sign of infection and repeat at 14 day intervals until no new infections are seen. Where the disease is well established, spray at 5-7 day intervals until good control is achieved and thereafter at 14 day intervals until no new infections are seen. A maximum of three applications may be made to any crop. A maximum of one crop per year may be treated.

**Varieties:** NIMROD has been applied without affecting growth or damaging foliage to the following Rieger Begonia cultivars:

Rot, Rot K, Rosa, Orange, Krefeld Orange and Goldorgange. On other varieties, first treat a few plants to check for damage before proceeding further.

Warning – never spray flowering plants or those with flower buds showing colour, as this can scorch petals.

**Harvest interval (protected only):** 6 days

## OTHER ORNAMENTALS (outdoor and protected)

### Rate of use and timing

1 litre/ha.

Apply sufficient spray to obtain complete crop cover.

Apply before, or at the first signs of disease and repeat at 5-14 day intervals, depending on disease pressure. A maximum of three applications may be made to any crop. A maximum of two protected crops per year or one outdoor crop per year may be treated.

It is advisable to test for compatibility and tolerance to crop injury prior to full scale commercial use on ornamentals.

**Harvest interval (protected only):** 6 days

## QUALIFIED MINOR USE RECOMMENDATION

### CUCUMBER (protected)

NIMROD may be used as a fungicide for powdery mildew in cucumber on the basis of limited effectiveness data.

### Rate of use and timing

1.5 litre/ha. Spray thoroughly to wet all foliage.

Apply at the onset of disease and repeat at a minimum of 10 day intervals. Apply a maximum of 4 sprays per crop. A maximum of 3 crops per year may be treated.

Note: Some leaf spotting may occur during the winter and early spring when light levels are low. If it is necessary to spray in these conditions, test spray a few plants 10-14 days before spraying the whole crop.

Strains of powdery mildew (*Sphaerotheca fuliginea*) resistant to bupirimate are common in the UK. NIMROD is ineffective against these resistant strains.

**Harvest interval:** 1 day.

## MIXING AND SPRAYING

Method of application: broadcast air-assisted sprayers, tractor mounted/trailed boom sprayers, hand-held hydraulic nozzle sprayers.

Shake the container of NIMROD thoroughly before opening.

### Hydraulic and orchard crop sprayers

Add half the required volume of clean water to the spray tank. Add the recommended quantity of NIMROD.

Agitate whilst filling the tank to the required water volume and continue agitation during spraying.

Wash out all spray equipment with water immediately after use.

### For knapsack sprayers

Half-fill the sprayer tank with clean water. Add the measured amount of product, with rinsings, to the sprayer tank and fit the tank lid. Gently shake the sprayer, by rocking, to ensure thorough mixing. Top up the tank with water to the correct level. Refit the tank lid and again gently shake the sprayer, by rocking, to ensure thorough mixing.

Ensure good coverage and penetration of the spray and that the sprayer is correctly calibrated before use.

Do not leave the spray liquid in the sprayer for long periods (i.e. during meals or overnight).

## DISCLAIMER/CONDITIONS OF SUPPLY

The specified properties of our products and the mode of application stated on this label have been established on the basis of research and experience. Products conform to specification at the time of delivery but, as we exercise no control over their subsequent storage, handling, mixing or use or the weather conditions before, during and after application, all of which may affect the performance of the products, no responsibility or liability will be accepted by us or our re-sellers for any failure in performance, damage or injury to person or property whatsoever arising from the storage, handling, application or use of the products. These conditions cannot be varied by our staff or agents whether or not they supervise or assist in or make recommendations concerning the use of such products. We recommend you contact your dealer to request advice on the suitability of this product for any new and/or unusual growing methods or for new varieties not listed on this label.

### **Authorised to and marketed by**

Adama Agricultural Solutions UK Ltd  
Third Floor East, 1410 Arlington Business Park  
Theale, Reading RG7 4SA  
Telephone: 00 44 1635 860555  
Technical Helpline: 00 44 1635 876622  
[www.adama.com](http://www.adama.com)  
email: [ukenquiries@adama.com](mailto:ukenquiries@adama.com)

NIMROD® is a registered trademark of a company of the Adama Group.

**Other brand names referred to on this label are trademarks of other manufacturers in which proprietary rights may exist.**