

# Nealta®



MAPP 19411

A suspension concentrate containing 200 g/L (w/v) cyflumetofen. A professional acaricide for the control of mites in apples, protected strawberries, and ornamental roses under permanent protection with full enclosure.

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

## SAFETY PRECAUTIONS

### Operator protection

WHEN USING DO NOT EAT, DRINK OR SMOKE.

Engineering control of operator exposure must be used where reasonably practicable in addition to the following personal protective equipment:

OPERATORS MUST WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS) AND SUITABLE PROTECTIVE GLOVES when handling the concentrate.

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

### 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.

### Apple, Pear, Quince, Medlar:

DO NOT ALLOW DIRECT SPRAY from broadcast air-assisted sprayers to fall within 15m of the top of the bank of a static or flowing waterbody, unless a Local Environment Risk Assessment for Pesticides (LERAP) permits a narrower buffer zone, or within 5 m of 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 Environmental Risk Assessment for Pesticides (LERAP) scheme for broadcast air-assisted sprayers.

Before each spraying operation from a broadcast air-assisted 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 inspection for three years.

### Storage and disposal

KEEP OUT OF REACH OF CHILDREN.

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS.

THIS MATERIAL AND ITS CONTAINER must be disposed of in a safe way.

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

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 container safely.

This label is compliant with the CPA Voluntary Initiative Guidance



Supplied by: BASF plc, 4th and 5th Floors, 2 Stockport Exchange, Railway Road, Stockport SK1 3GG, Telephone: 0161 475 3000

Emergency Information (24 hours freephone): 0049 180 227 3112  
Technical Enquiries: 0845 602 2553 (office hours)

## Nealta®

A suspension concentrate containing 200 g/L (w/v) cyflumetofen.

### Warning

May cause an allergic skin reaction.  
Suspected of causing cancer.

Wear protective gloves/protective clothing/eye protection/face protection. Obtain special instructions before use.

Avoid breathing dust/fume/gas/mist/vapours/spray.

IF exposed or concerned: Get medical advice/attention.

Store locked up.

Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste.

Contains 1,2- benzisothiazolin-3-one and 2-methyl-4-iso-thiazolin-3-one.

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



### IMPORTANT INFORMATION

FOR USE ONLY AS A PROFESSIONAL ACARICIDE, as directed below:

Crops	Maximum Individual Dose	Maximum Total Dose	Aquatic Buffer Zone Distance	Latest Time of Application
Apples	1 litre product/ha	1 litre product/ha	15m	BBCH 85 (Advanced ripening stage) 14 days before harvest
Strawberries (protected)	1 litre product/ha	1 litre product/ha	-	BBCH 97 (Old leaves dead) 1 day before harvest
Ornamental roses (permanent protection with full enclosure)	1 litre product/ha	1 litre product/ha	-	1 day before harvest

### Other Specific Restrictions

A minimum interval of 2 years must be observed between applications.

### QUALIFIED RECOMMENDATION

Crops	Maximum Individual Dose	Maximum Total Dose	Aquatic Buffer Zone Distance	Latest Time of Application
Pear, Quince, Medlar	1 litre product/ha	1 litre product/ha	15m	BBCH 85 (Advanced ripening stage) 14 days before harvest

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.

UFI : JFR0-D3XY-400G-6HE1



® = Registered trademark of BASF

## 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/Warnings

Small scale testing of any rose variety is recommended at all crop stages before use to establish its tolerance under the conditions of use. Allow sufficient time for any symptoms to develop.

**Safety to beneficial organisms:** Nealta has been shown to be non-toxic to the following beneficial species: *Anthocoris nemoralis*, *Amblyseius swirskii*, *Eretmocerus eremicus*, *Typhlodromus pyri*, *Kampimodromus aberrans*, *Aphidius rhopalosiphii* and *Nesidiocoris tenuis*. Populations of *Adalia bipunctata*, *Amblyseius andersoni*, *Macrolophus pygmaeus* (formerly *M. caliginosus*), *Nesidiocoris tenuis* and *Orius laevigatus* may be slightly affected.

Effects on brewing, cider and perry making have not been tested. Negative effects on these processes cannot be excluded. Consult processor before use.

Dangerous to bees. To protect bees and pollinating insects do not apply to crop plants when in flower. Do not use where bees are actively foraging. Do not apply when flowering weeds are present.

Extreme care must be taken to avoid spray drift onto non-crop plants outside of the target area.

## Pest control

Nevalta is a METI (mitochondrial electron transport inhibitor) acaricide for the control of mites in apple, pear, quince, medlar, protected strawberries and roses under permanent protection with full enclosure.

Nevalta controls:  
Fruit tree red spider mite (*Panonychus ulmi*) in apple, pear, quince and medlar.

Two-spotted spider mite (*Tetranychus urticae*) in protected strawberries and roses under permanent protection with full enclosure.

Nevalta will also control two-spotted spider mite when applied against fruit tree red spider mite in apples.

In addition, Nealta controls all mobile mite stages and may provide a useful reduction of eggs.

## Integrated Pest Management

**Safety to beneficial organisms:** Nealta has been shown to be non-toxic to the following beneficial species: *Anthocoris nemoralis*, *Amblyseius swirskii*, *Eretmocerus eremicus*, *Typhlodromus pyri*, *Kampimodromus aberrans*, *Aphidius rhopalosiphii* and *Nesidiocoris tenuis*. Populations of *Adalia bipunctata*, *Amblyseius andersoni*, *Macrolophus pygmaeus* (formerly *M. caliginosus*), *Nesidiocoris tenuis* and *Orius laevigatus* may be slightly affected.

## Resistance Management

GROUP

25A

INSECTICIDE

Nevalta contains the METI Complex II acaricide, cyflumetofen (IRAC Group 25).

Nevalta should be used early in the season before mite populations are well established, in accordance with pest thresholds where available.

Apply Nealta according to the manufacturer's recommended dose rate, ensuring uniform coverage of the crop

To reduce the possibility of the development of resistance no more than one application of Nealta should be made to any ONE crop in any ONE growing season. Other METI (mitochondrial electron transport inhibitor) Complex II acaricides (from IRAC Group 25) or METI Complex I acaricides (from IRAC Group 21) should not be applied to the same crop in the same season as Nealta either separately or in mixture.

Nevalta should be used in rotation with acaricides from other IRAC MoA groups.

It is recommended that if Nealta is used as the last application of the growing season in a given field/greenhouse, Nealta should not be used for the first application in that field/greenhouse in the next season

For further advice on resistance management contact your agronomist or specialist advisor or visit the IRAG-UK website.

## Crop Specific Information

### Apples

<b>Target(s):</b> <i>Panonychus ulmi</i> (fruit tree red spider mite)
<b>Time of application:</b> Applications may be made from first leaves unfolded to advanced ripening stage. Apply Nealta at the first sign of the pest, before populations become established. A minimum of 14 days must elapse between application spray and harvest.
<b>Dose rate:</b> 1.0 l/ha
<b>Water volume:</b> 750-1250 l/ha
<b>Warnings:</b> The potential for adverse impacts on russetting has not been established. A minimum interval of 2 years must be observed between applications.
<b>Qualified recommendation:</b> Limited effectiveness data indicate Nealta will also give useful control of the two-spotted red spider mite, <i>Tetranychus urticae</i> , when used for the control of fruit tree red spider mite. Nealta may be used in crops of quince and medlar. However, crop safety to these crops has not been established.

### Pears (Qualified Recommendation)

<b>Target(s):</b> <i>Panonychus ulmi</i> (fruit tree red spider mite)
<b>Time of application:</b> Apply Nealta at the first sign of the pest, before populations become established. Applications may be made from first leaves unfolded to advanced ripening stage. A minimum of 14 days must elapse between application and harvest.
<b>Dose rate:</b> 1.0 l/ha
<b>Water volume:</b> 750-1250 l/ha

<b>Warnings:</b> The potential for adverse impacts on russeting has not been established. Crop safety to pear has not been established. A minimum interval of 2 years must be observed between applications.
<b>Qualified Recommendation:</b> Limited effectiveness data indicate Nealta will also give useful control of the two-spotted red spider mite, <i>Tetranychus urticae</i> , when used for the control of fruit tree red spider mite.

### Protected strawberries

<b>Target(s):</b> <i>Tetranychus urticae</i> (two-spotted spider mite)
<b>Time of application:</b> Apply Nealta at the first sign of the pest, before populations become established. Applications may be made from 3rd leaf unfolded to end of fruiting stage. A minimum of one day must elapse between application and harvest. Nearth may also be applied post-harvest (from beginning of axillary bud formation until the old leaves are dead), but do not exceed a total of one application per crop per season.
<b>Dose rate:</b> 1.0 l/ha
<b>Water volume:</b> 500-1200 l/ha
<b>Warnings:</b> A minimum interval of 2 years must be observed between applications.

### Ornamental plants and shrubs (Roses) under Permanent Protection with Full Enclosure

<b>Target(s):</b> <i>Tetranychus urticae</i> (two-spotted spider mite)
<b>Time of application:</b> Apply Nealta at the first sign of the pest, before populations become established. Applications may be made from 3 leaf pairs unfolded to harvest.
<b>Dose rate:</b> 1.0 l/ha
<b>Water volume:</b> 500-1500 l/ha
<b>Warnings:</b> A minimum interval of 2 years must be observed between applications.

### Mixing and Application

#### Mixing

Never prepare more spray solution than is required.

Three quarters fill the tank with clean water and start the agitation. To ensure thorough mixing of the product, invert the container several times before opening. Add the required quantity of Nealta to the spray tank while re-circulating. Add the remainder of the water and continue agitation until spraying is complete.

When tank mixes are to be used, take due note of any instructions given as to the order of mixing. Each product should be added separately to the spray tank and fully dispersed before the addition of any further product(s).

All tank mixes should be used immediately after mixing.

On emptying the container, rinse container thoroughly by using an integrated pressure rinsing device or by manually rinsing three times. Add washings to tank at time of filling and dispose of container safely.

#### Application

Apply as a MEDIUM/FINE spray, as defined by BCPC.

#### Sprayer cleaning

Wash sprayer thoroughly immediately after use, using clean water and following the sprayer cleaning guidance provided by the equipment manufacturer.

#### Compatibility

For details of compatibilities contact your distributor, local BASF representative, the BASF Technical Services Hotline: 0845 602 2553 or visit our website at [www.agriCentre.basf.co.uk](http://www.agriCentre.basf.co.uk)

#### 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 have to exclude liability for damage or loss attributable to any such resistance that may develop. To help minimise any loss in activity the BASF recommended rate should in all events be adhered to.

Numerous, particularly regional or regionally attributable, factors can influence the activity of the product. Examples include weather and soil conditions, crop plant varieties, crop rotation, treatment times, application amounts, admixture with other products, appearance of organisms resistant to active ingredients and spraying techniques. Under particular conditions a change in activity or damage to plants cannot be ruled out. The manufacturer or supplier is therefore unable to accept any liability in such circumstances. All goods supplied by us are of high grade and we believe them to be suitable, but as we cannot exercise control over their mixing or use or the weather conditions during and after application, which may affect the performance of the material, 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 for any damage or injury whatsoever arising from their storage, handling, application or use; but nothing should be deemed to exclude or restrict any liability upon us which cannot be excluded or restricted under the provisions of the Unfair Contract Terms Act 1977 or any similar applicable law.

#### Section 6 of the Health and Safety at Work Act

#### Additional Product Safety Information

The product label provides information on a specific pesticidal use of the product; do not use otherwise, unless you have assessed any potential hazard involved, the safety measures required and that the particular use has "off-label" approval or is otherwise permitted under the Plant Protection Products Regulations.

The information on this label is based on the best available information including data from test results.

## Safety Data Sheet

To access the Safety Data Sheet for this product scan the QR code or use the weblink below:



[agricentre.basf.co.uk/Nealta/MSDS](http://agricentre.basf.co.uk/Nealta/MSDS)

Alternatively, contact your supplier.

SPECIMEN

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ml  
800

700

600

500

400

300

200  
ml