

Container Label

GROUP	25	ACARICIDE
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NEALTA® Miticide

For use in the control of spider mites in the following crops: Field-, bed- and container-grown conifers including Christmas trees, Grapes, Pome Fruits, Strawberries and Tomatoes

Suspension Concentrate

COMMERCIAL - AGRICULTURAL

ACTIVE INGREDIENT: Cyflumetofen200 g/L

Contains 1,2-benzisothiazolin-3-one and 2-methyl-4-isothiazolin-3-one at 0.0048%, as preservatives

OR

Contains 1,2-benzisothiazolin-3-one and 2-methyl-4-isothiazolin-3-one at 0.0075% and 2-bromo-2-nitropropane-1,3-diol at 0.024%, as preservatives

OR

Contains 1,2-benzisothiazolin-3-one at 0.04000%, 5-chloro-2-methyl-4-isothiazolin-3-one at 0.00111%, 2-methyl-4-isothiazolin-3-one at 0.00037% and 2-bromo-2-nitropropane-1,3-diol at 0.02400%, as preservatives

Warning: contains the allergen soy

REGISTRATION NO. 31284

PEST CONTROL PRODUCTS ACT

NET CONTENTS: 0.4 L to 1000 L

KEEP OUT OF REACH OF CHILDREN
READ THE LABEL BEFORE USING

IN CASE OF EMERGENCY ENDANGERING LIFE OR PROPERTY
INVOLVING THIS PRODUCT, CALL DAY OR NIGHT, 1-800-454-2673

BASF Canada Inc.
100 Milverton Drive, 5th Floor
Mississauga, Ontario
L5R 4H1
1-877-371-2273

NEALTA is a registered trademark of BASF SE, used with permission by BASF Canada Inc.

PRECAUTIONS

1. **KEEP OUT OF REACH OF CHILDREN.**
2. Wear a long-sleeved shirt, long pants, chemical-resistant gloves, socks and shoes during mixing, loading, application, clean-up and repair. Gloves are not required during application within a closed cab. Wear a NIOSH-approved N95 (minimum) filtering facepiece respirator (dust mask) that is properly fit tested when handling.
3. Wash hands before eating, drinking, smoking or using the toilet. Change out of work clothes and take a bath or shower after handling or spraying the product. Launder protective clothing before re-use.
4. Do not enter treated areas during the restricted entry interval of 12 hours.
5. Clean spray equipment thoroughly after use.
6. Apply only when the potential for drift to areas of human habitation or areas of human activity such as houses, cottages, schools and recreational areas, is minimal. Take into consideration wind speed, wind direction, temperature inversions, application equipment and sprayer settings.

ENVIRONMENTAL PRECAUTIONS

TOXIC to aquatic organisms and non-target terrestrial plants. Observe buffer zones specified under DIRECTIONS FOR USE.

To reduce runoff from treated areas into aquatic habitats avoid application to areas with a moderate to steep slope, compacted soil, or clay.

Avoid application when heavy rain is forecast.

Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative strip between the treated area and the edge of the water body.

FIRST AID

If swallowed: Call a poison control centre or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. **DO NOT** induce vomiting unless told to do so by a poison control centre or doctor. **DO NOT** give anything by mouth to an unconscious person.

If on skin or clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15–20 minutes. Call a poison control centre or doctor for treatment advice.

If inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice.

If in eyes: Hold eye open and rinse slowly and gently with water for 15–20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control centre or doctor for treatment advice.

Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

TOXICOLOGICAL INFORMATION

There is no specific antidote. Treat symptomatically.

STORAGE

1. Store the leftover product in original tightly closed container. Protect from freezing.
2. Do not ship or store the product near food, feed, seed and fertilizers.
3. Store the product in cool, dry, locked, well-ventilated area without floor drain.
4. To prevent contamination, store this product away from food or feed.

DISPOSAL

DO NOT reuse this container for any purpose. This is a recyclable container and is to be disposed of at a container collection site. Contact your local dealer/distributor or municipality for the location of the nearest collection site. Before disposal:

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Make the empty, rinsed container unsuitable for further use.

If there is no container collection site in your area, dispose of the container in accordance with provincial requirements.

For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

NOTICE TO USER

This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label.

Booklet

GROUP

25

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GENERAL INFORMATION

This package contains **NEALTA Miticide**, a suspension concentrate (SC). The active ingredient in **NEALTA Miticide**, cyflumetofen, is a member of the benzoylacetone nitrile class of chemistry.

NEALTA Miticide is highly active on all life stages of tetranychid mites, including eggs, nymphs, and adults. When used as directed, **NEALTA Miticide** provides knockdown and residual control of two-spotted spider mite, European red mite and McDaniel spider mite.

Due to its selective activity on tetranychid mites, **NEALTA Miticide** will not harm beneficial arthropods and is a good fit within Integrated Pest Management.

DIRECTIONS FOR USE

Shake container well before use.

For **NEALTA Miticide** to be most effective, apply at the first sign of mites before the buildup of heavy pressure. Application must be timed to coincide with locally recommended threshold levels.

Foliar applications may be made using properly calibrated ground application equipment as indicated under the section **NEALTA Miticide** Application Instructions. **NEALTA Miticide** requires thorough coverage of all plant parts. Applications made with less than thorough coverage may result in slower activity and/or less control. Use of higher water volumes is recommended for thorough coverage.

Do not use in the greenhouse.

NEALTA Miticide is rainfast one (1) hour after an application has dried.

Plant Tolerance

This product has been tested on a number of crop varieties with no phytotoxicity observed at labeled rates; however, **NEALTA Miticide** has not been tested on all varieties and cultivars. Due to the large number of plant species and their associated varieties or cultivars, and due to variable growing conditions, it is impossible to test every plant for tolerance to this product.

It is the responsibility of the user to determine if this product can be used safely prior to commercial use. In a small test area, test the specified rates on plants for phytotoxicity prior to general use.

Before using any tankmix, test the combination on a small portion of the crop to be treated to ensure that a phytotoxic response will not occur as a result of application. Treat a small group of target crop including plant cultivars and evaluate for 3-7 days prior to making an application to your entire crop.

Consult a BASF representative or local agricultural authorities for more information concerning tank mixes.

NEALTA Miticide Application Instructions

FRUIT AND VEGETABLE CROPS			
Crop(s)	Pest(s)	Amount of Product per Application (L/ha)	Pre-Harvest Interval (days)
Grape	European red mite Two-spotted spider mite McDaniel spider mite	1	14
Pome Fruits (Crop Group 11-09) Apple Asian pear Azarole Chinese quince Crabapple Japanese quince Mayhaw Medlar Pear Quince Tejocote	European red mite Two-spotted spider mite McDaniel spider mite	1	7
Strawberry	Two-spotted spider mite McDaniel spider mite	1	1
Tomato	Two-spotted spider mite	1	3
<ul style="list-style-type: none"> • Maximum of 2 applications per growing season. • Allow a minimum of 14 days between applications. Monitor pest population and reapply if necessary once thresholds are reached. • Apply in a minimum spray volume of 500 L/ha. Higher water volumes are recommended for thorough coverage. • Do not apply if rain is expected within 1 hour. • Ground application only. DO NOT apply using aerial application equipment. • Do not apply through any type of irrigation system. • Do not use in the greenhouse. 			

FIELD-, BED- AND CONTAINER-GROWN CONIFERS INCLUDING CHRISTMAS TREES			
Crop(s)	Pest(s)	Amount of Product per Application (L/ ha)	Pre-Harvest Interval (days)
Field-, bed- and container-grown conifers including Christmas trees	Spruce spider mite	1.0	N/A

- Maximum of 2 applications per growing season.
- Allow a minimum of 7-14 days between applications. Monitor pest population and reapply if necessary once thresholds are reached.
- A minimum spray volume of 500 L/ha is recommended. Use adequate water volume to ensure thorough coverage.
- Do not apply if rain is expected within 1 hour.
- Do not water crops within 1 hour of application
- Ground application only. **DO NOT** apply using aerial application equipment.
- Do not apply through any type of irrigation system.
- It is recommended that a small number of plants be tested for potential phytotoxicity prior to treating the entire crop.
- Do not use in the greenhouse.
- **NOT** for residential area use.

As this product is not registered for the control of pests in aquatic systems, **DO NOT** use to control aquatic pests.

DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

Field sprayer application: DO NOT apply during periods of dead calm. Avoid application of this product when winds are gusty. **DO NOT** apply with spray droplets smaller than the American Society of Agricultural Engineers (ASAE) medium classification. Boom height must be 60 cm or less above the crop or ground.

Airblast application: DO NOT apply during periods of dead calm. Avoid application of this product when winds are gusty. **DO NOT** direct spray above plants to be treated. Turn off outward pointing nozzles at row ends and outer rows. **DO NOT** apply when wind speed is greater than 16 km/h at the application site as measured outside of the treatment area on the upwind side.

DO NOT apply using aerial application equipment.

Buffer zones

The buffer zones specified in the table below are required between the point of direct application and the closest downwind edge of sensitive freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands) and estuarine/marine habitats.

Method of application	Crop	Buffer Zones (metres) Required for the Protection of:			
		Freshwater Habitat of Depths:		Terrestrial habitat	
		Less than 1 m	Greater than 1 m		
Field sprayer	Field-, bed- and container-grown conifers including Christmas trees, tomatoes and strawberries	1	0	1	
Airblast	Pome fruits, grapes and field-, bed- and container-grown conifers including Christmas trees	Early growth stage	3	0	5
		Late growth stage	3	0	5

For tank mixes, consult the labels of the tank-mix partners and observe the largest (most restrictive) buffer zone of the products involved in the tank mixture and apply using the coarsest spray (ASAE) category indicated on the labels for those tank mix partners.

RESISTANCE-MANAGEMENT RECOMMENDATIONS

NEALTA Miticide has a mode of action that belongs to the group of respiration inhibitors classified by the Insecticide Resistance Action Committee as a **Mitochondria complex II electron transport inhibitor** belonging to Group 25. Any mite population may contain individuals naturally resistant to **NEALTA Miticide** and other Group 25 miticides. The resistant individuals may dominate the mite population if this group of miticides is used repeatedly in the same fields. Repeated use of miticides with similar modes of action may lead to build up of resistant strains of mites.

Other resistance mechanisms that are not linked to site of action but are specific for individual chemicals, such as enhanced metabolism, may also exist. Appropriate resistance-management strategies should be followed.

To delay resistance:

- Where possible rotate the use of **NEALTA Miticide** or other Group 25 miticides with different groups that control the same pests.
- **DO NOT** exceed two applications of **NEALTA Miticide** per season.
- Use tank mixtures with miticides from a different group when such use is permitted.
- Miticide use should be based on an IPM program that includes scouting and record keeping, and considers cultural, biological and other chemical control practices.
- Monitor treated pest populations for resistance development.
- Contact your local extension specialist or certified crop advisors for any additional pesticide resistance management and/or IPM recommendations for the specific site and pest problems in your area.

- For further information or to report suspected resistance contact BASF at 1-877-371-2273 or at www.agsolutions.ca.

MIXING

1. Ensure the spray tank is clean before use. Follow the clean-out recommendations stated on the label of the product that was previously used.
2. Fill the tank one-half full of water and start agitation.
3. Add the required amount of **NEALTA Miticide** to the tank.
4. Add the required amount of tank mix partner to the tank if required.
5. Continue agitation while filling the remainder of the spray tank.
6. Clean the spray tank after use.

ENVIRONMENTAL PRECAUTIONS

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