

CITRUS FRUIT GROUP

General Information

Product Information

Nealta miticide is a suspension concentrate formulation containing the active ingredient cyflumetofen, a member of the beta-ketonitrile class of chemistry. When used as directed, Nealta provides knockdown and residual control of tetranychid mites on the crops listed on the label. Nealta is a highly active contact miticide on egg, nymph, and adult stage tetranychid mites. Because Nealta is not systemic and has no translaminar activity, thorough coverage of plant surfaces is necessary for effective control. Nealta is not effective on non-tetranychid mites such as broad mite, flat mite, or rust mite. See Pests Controlled list for mites controlled. Nealta miticide is compatible with most biological control products. Because Nealta is compatible with beneficial arthropods, it can be used effectively in Integrated Pest Management (IPM) and resistance management programs. Nealta does not have a negative impact on field populations of the following beneficial insects: Common lacewing, Insidious flower bug, Predatory mite, Seven-spotted lady beetle, Six-spotted thrips, Spider mite destroyer, Western predatory mite

Nealta is not systemic or translaminar; therefore, thorough coverage of plant surfaces is important for optimum performance.

Resistance Management

Cyflumetofen, the active ingredient in Nealta, belongs to the group of respiration inhibitors classified by the Insecticide Resistance Action Committee (IRAC) as target-site-of-action Group 25 acaricide, a Mitochondria complex II electron transport inhibitor. Repeated use of miticides with similar modes of action can lead to the buildup of resistant strains of mites.

DO NOT exceed the maximum seasonal use rate or the total number of applications of Nealta per season. To reduce the potential for developing mite resistance, rotate to a miticide with a different mode of action. Monitor treated mite populations for resistance development. Read product label before applying any miticide and follow label directions. Contact your local extension specialist, certified crop advisor,

and/or BASF representative for additional resistance management or IPM recommendations.

Plant Tolerance

Plant tolerance to Nealta has been found to be acceptable in research trials for the crops listed on the label. However, 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.

Neither the manufacturer or seller has determined whether this product can be used without injury on all varieties of plants. It is the responsibility of the user to determine if this product can be used without causing plant injury prior to commercial use. In a small test area, test the specified rates on plants for phytotoxicity prior to large-scale use. The end user assumes all risks arising from application of Nealta in a manner inconsistent with the label requirements.

Application Instructions

For maximum effectiveness, apply Nealta at the first sign of mites before the population increases. Application should be timed to coincide with locally recommended treatment threshold levels in developing mite populations.

Apply to foliage using properly calibrated ground sprayers (refer to Crop-specific Application Instructions table). Thorough and uniform spray coverage of foliage, with direct contact to target pest, is required for effective control. Applications made at lower volumes may result in less than thorough coverage which can lead to slower activity and/or less control than those made with higher spray volumes. Consult with your local or state extension personnel for advice on miticide use and selection. Nealta is rainfast one (1) hour after an application has dried.

Apply Nealta in sufficient volume of water to ensure thorough coverage of foliage. For thorough coverage, use higher water volume.

Apply Nealta in minimum water volume per acre as indicated in Crop-specific Application Instructions table. Because Nealta is not systemic or translaminar, thorough coverage of plant surfaces is necessary for effective control. Applying Nealta at spray volumes lower than directed can make it harder to obtain thorough crop coverage and may reduce performance.

Adding an oil or adjuvant with spreading properties to the Nealta miticide spray solution will provide improved plant coverage and optimum performance of Nealta. Test the safety and compatibility of all oils and adjuvants before use.

Always read and follow the specific oil or adjuvant label using the proper concentration to avoid plant injury.

Restrictions and Limitations

- DO NOT exceed the maximum seasonal use rate, the maximum rate per application, or the total number of Nealta miticide applications per season as stated in Crop-specific Application Instructions table. Preharvest Interval (PHI) restrictions are also included in the table.
- DO NOT apply through any type of irrigation system.
- DO NOT apply if rain is expected before the spray is dry for 1 hour. Nealta is rainfast 1 hour after drying.
- DO NOT apply Nealta via aerial application.
- NOT for use in greenhouses

Limitations, Restrictions, and Exceptions

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For knockdown and residual control of mites in citrus fruit, apply Nealta miticide at first sign of infestation.

DO NOT make Nealta applications at intervals shorter than 14 days.

DO NOT make more than 2 applications per season per crop.

For maximum effectiveness, apply Nealta at the first sign of mites, and before the population increases. Application should be timed to coincide with locally recommended treatment threshold levels in developing mite populations.

Apply Nealta in at least 100 gallons of spray solution per acre; for small nonbearing trees, apply in at least 50 gallons of spray solution per acre. Applying Nealta at spray volumes lower than directed can make it harder to obtain thorough crop coverage and may reduce performance.

Resistance Management. DO NOT make more than 1 Nealta application before using an effective miticide with a different mode of action.

DO NOT apply more than 27.4 fl ozs/A (0.36 lbs cyflumetofen/A) per season per crop.

Method

[Broadcast/Foliar Ground](#)

Pre-Harvest Interval

7 days

Rates

[field rates 0](#)

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Restricted Entry Interval

12 hours

Timings

[At first sign of mites before the population increases.](#)